Transcontinental Gas Pipe Line Company, LLC

Section 1-6 – Act 14 Municipal Notifications

Regional Energy Access Expansion Project

April 2021
(Revised July 2022)

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*Copies of Act 14 notice letters enclosed in this transmittal do not include the Erosion and Sediment Control Plans and Post-Construction Stormwater Management Plans, in order to save paper and reduce electronic transmission size, and because the information is separately included in this application.

SECTION 1.6.1
LUZERNE COUNTY
(REGIONAL ENERGY LATERAL &
COMPRESSOR STATION 515)

COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
BUREAU OF CLEAN WATER

MUNICIPAL NOTIFICATION OF PLANNED LAND DEVELOPMENT FOR CHAPTER 102 PERMITS

PROJECT INFORMATION (COMPLETED BY APPLICANT)

Applicant Name:	**Transcontinental Gas Pipe Line Company, a subsidiary of Williams Partners, L.P.**	Contact Name:	**Joseph Dean** **Manager-Permitting**
Applicant Address:	**2800 Post Oak Blvd, Level 11**	Contact Phone:	**(713) 215-3427**
Applicant City, State, ZIP:	**Houston, TX 77056**	County:	**Luzerne**
		Municipality:	**Bear Creek**

Description of Proposed Land Development and Stormwater Controls:

The Regional Energy Lateral component of the Regional Energy Access Expansion Project will consist of approximately 22.3 miles of 30-inch diameter pipeline, partially co-located with existing Transco Leidy Line-A, in Buck, Bear Creek, Plains, Jenkins, Kingston and Dallas Townships, and Laflin, Wyoming, and West Wyoming Boroughs, Luzerne County, Pennsylvania. The Regional Energy Lateral begins at existing Compressor Station 515 in Buck Township and continues westward to its terminus at Transco's existing Hildebrandt Tie-in in Dallas Township. Transco will be installing four mainline valves with appurtenant equipment, as a means to isolate gas flows along the Regional Energy Lateral. The mainline valve sites at each pipeline terminus (MLV515RA10 at Compressor Station 515 and MLV515RA40 at the Hildebrandt Tie-in) will also have pig traps (industry term for manifolds that launch or receive in-line inspection tools). The other two valve sites are proposed along the pipeline route (MLV515RA20 at Milepost 7.5 and MLV515RA30 at Milepost 14.8). Modifications at three existing pipeline interconnects are proposed to tie-in the proposed pipeline to the existing facilities. The Carverton Tie-In is located at Milepost 16.8. The Lower Demunds Tie-In is located at Milepost 22.3 and also includes a +/- 400-ft segment of 20-in pipeline to connect to the existing facility. The Hildebrandt Tie-In is located at the Regional Energy Lateral pipeline terminus and includes MLV515RA40. Two contractor yards are proposed for the Project and are located adjacent to the pipeline. CY-LU-001 is located at Milepost 15.3 and CY-LU-002 is located at Milepost 10.5. Cathodic protection equipment will be installed along the pipeline route. Deep anode ground beds are proposed at Mileposts 7.5 and 19.8, and one remote anode ground bed is proposed at Milepost 15.3. E&S and PCSM BMP's are proposed within Bear Creek Township, with PCSM controls designed at the MLV515RA20 valve site.

Project Area: **258.55** acres ☐ Phased

Disturbance: **101.37** acres

Tax Parcel ID(s) Affected by Proposed Land Development:

See attached table

Surface Waters Receiving Stormwater Discharges:

Bear Creek, Little Bear Creek, Little Shades Creek, Meadow Run, Mill Creek, Shades Creek, Snider Run

Discharge to: ☐ MS4 ☐ Other SS ☐ CSS

The following information was submitted to the municipality for this project:

☐ Land Development / Subdivision Plan ☒ E&S Plan ☒ PCSM Plan ☐ Other:

***On March 31, 2021 Transco submitted to you its E&S and PCSM Plans (Plans) as part of the ESCGP-3 permit application notification. The purpose of this notice is to let you know that Transco will be submitting an Erosion and Sediment Control Permit for Discharges of Stormwater Associated with Construction Activities Application to the PA Dept. of Environmental Protection to replace the ESCGP-3 application. Please refer to the previously submitted Plans.**

MUNICIPAL PLAN / ORDINANCE INFORMATION (COMPLETED BY MUNICIPALITY)		
1. Is there an adopted municipal or multi-municipal comprehensive plan?	☐ Yes	☐ No
2. Is there an enacted municipal or multi-municipal zoning ordinance?	☐ Yes	☐ No
3. If Yes to #2, is the proposed project consistent with the ordinance?	☐ Yes	☐ No
4. Is there a municipal stormwater management ordinance?	☐ Yes	☐ No
5. If Yes to #4, is the proposed project consistent with the ordinance, without waiver?	☐ Yes	☐ No

6. If Yes to #4, indicate type of ordinance: ☐ Act 167 Model Ordinance ☐ DEP Model Ordinance (MS4s) ☐ Other

APPLICANT CERTIFICATION	MUNICIPAL ACKNOWLEDGEMENT
I certify under penalty of law (see 18 Pa.C.S. § 4904 (relating to unsworn falsification)) that the information reported herein was prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the information, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.	The municipality acknowledges that a permit application for the above-referenced project has been submitted to a reviewing agency and that notification requirements of Act 14 of 1984 and Acts 67, 68, and 127 of 2000 have been satisfied. The information reported herein by the municipality is true and accurate. The municipality reserves the right to comment to the reviewing agency relative to comprehensive plans, zoning, and stormwater ordinance consistency. Municipal acknowledgment of receipt of notification shall not be construed as project approval.

Joseph Dean

Applicant Name

Municipal Representative Name

Applicant Signature

Municipal Representative Signature

Manager - Permitting

Applicant Title

Municipal Representative Title

07/01/2021

Date of Signature

Date of Signature

Tax Account Number / APN	Legal Desc County	Municipality
04H12 00A025000	Luzerne	Bear Creek
04H12 00A026000	Luzerne	Bear Creek
04H12 00A041000	Luzerne	Bear Creek
04H12 00A053000	Luzerne	Bear Creek
04H12 00A05F000	Luzerne	Bear Creek
04H12 00A05Y000	Luzerne	Bear Creek
04H12 00A05Y000	Luzerne	Bear Creek
04H12 00A25B000	Luzerne	Bear Creek
04-H12- 00A-53A-000	Luzerne	Bear Creek
04H12 00A55A000	Luzerne	Bear Creek
04I12 00A002000	Luzerne	Bear Creek
04I13 00A001000	Luzerne	Bear Creek
04I13 00A001000	Luzerne	Bear Creek
04J13 00A008000	Luzerne	Bear Creek
04J13 00A08A000	Luzerne	Bear Creek
04J13S2 002019000	Luzerne	Bear Creek
04J13S2 00219A000	Luzerne	Bear Creek
04J13S3 001003000	Luzerne	Bear Creek
04K13 00A20A000	Luzerne	Bear Creek

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WHM CONSULTING, INC

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Number of Packages:	1
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Package Weight:	1.0 LBS
Reference Number:	WILLIAMS-20-244, TASK 2C

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March 31, 2021

UPS TRACKING (1Z8797VV0390634452)

Bear Creek Township Supervisors
3333 Bear Creek Boulevard
Bear Creek Township, PA 18702

RE: Regional Energy Access Expansion Project– Regional Energy Lateral and Compressor Station 515
Pennsylvania Acts 14, 67, 68, and 127 Notification
Bear Creek Township, Luzerne County, Pennsylvania

Dear Township Supervisors:

This municipal notice, under the requirements of Act 14, 97 P.S. § 510-5, is to inform you that Transcontinental Gas Pipe Line Company, LLC (Transco), a subsidiary of The Williams Companies, Inc. (Williams) is applying for coverage under the Erosion and Sediment Control General Permit (ESCGP-3) for Earth Disturbance Associated with Oil & Gas Exploration, Production, Processing or Treatment Operations or Transmission Facilities from the Pennsylvania Department of Environmental Protection (DEP).

1) Project Name: Regional Energy Access Expansion Project – Regional Energy Lateral and Compressor Station 515

2) Project Description: Transco, indirectly owned by The Williams Companies, Inc. (Williams), is seeking authorization from the Federal Energy Regulatory Commission (FERC or Commission) under Section 7(c) of the Natural Gas Act and Part 157 of the Commission's regulations, to construct, own, operate, and maintain the proposed Project facilities. The Project is an expansion of Transco's existing natural gas transmission system that will enable Transco to provide an incremental 829,400 dekatherms per day (Dth/d) of year-round firm transportation capacity from the Marcellus Shale production area in northeastern Pennsylvania (PA) to multiple delivery points along Transco's Leidy Line in PA, Transco's mainline at the Station 210 Zone 6 Pooling Point in Mercer County, New Jersey (NJ) and multiple delivery points in Transco's Zone 6 in NJ, PA, and Maryland (MD).

The Regional Energy Lateral component of the Project will consist of approximately 22.3 miles of 30-inch diameter pipeline, partially co-located with existing Transco Leidy Line-A, in Buck, Bear Creek, Plains, Jenkins, Kingston and Dallas Townships, and Laflin, Wyoming, and West Wyoming Boroughs, Luzerne County, Pennsylvania. The Regional Energy Lateral begins at existing Compressor Station 515 in Buck Township and continues westward to its terminus at Transco's existing Hildebrandt Tie-in in Dallas Township. Transco will be installing four mainline valves with appurtenant equipment, as a means to isolate gas flows along the Regional Energy Lateral. The mainline valve sites at each pipeline terminus (MLV515RA10 at Compressor Station 515 and MLV515RA40 at the Hildebrandt Tie-in) will also have pig traps (industry term for manifolds that launch or receive in-line inspection tools). The other two valve sites are proposed along the pipeline route (MLV515RA20 at Milepost 7.5 and MLV515RA30 at Milepost 14.8). Modifications at three existing pipeline interconnects are proposed to tie-in the proposed pipeline to the existing facilities. The Carverton Tie-In is located at Milepost 16.8. The Lower Demunds Tie-In is located at Milepost 22.3 and also includes a +/- 400-ft segment of 20-in pipeline to connect to the existing facility. The Hildebrandt Tie-In is located at the Regional Energy Lateral pipeline terminus and includes MLV515RA40. Two contractor yards are proposed for the Project and are located adjacent to the pipeline. CY-LU-001 is located at Milepost 15.3 and CY-LU-002 is located at Milepost 10.5. Cathodic protection

equipment will be installed along the pipeline route. Deep anode ground beds are proposed at Mileposts 7.5 and 19.8, and one remote anode ground bed is proposed at Milepost 15.3.

The existing Compressor Station 515 component of the Project is located at the eastern terminus of the Regional Energy Lateral in Buck Township, Luzerne County. Proposed at this facility is the addition of two gas-fired turbine driven compressor units with 63,742 nominal HP at ISO conditions and modification of three existing compressors to support the Project and to accommodate the abandonment and replacement of approximately 17,000 HP from five existing gas-fired reciprocating engine driven compressors and increase the certificated station compression by 46,742 HP. One Mainline Valve will be installed at this facility (MLV515RA10).

3) Applicant Name: Transcontinental Gas Pipe Line Company, LLC's (Transco), a subsidiary of Williams Partners L.P. (Williams)

4) Applicant Contact: Joseph Dean
Manager, Permitting
2800 Post Oak Blvd, Level 11
Houston, TX 77056
(713) 215-3427

5) Site Location: The proposed Project is located on the Kingston, Pittston, Wilks-Barre East, Pleasant View Summit, Pennsylvania, 7.5 Minute USGS quadrangle. The Project is partially co-located with an existing pipeline right-of-way. The eastern terminus of the Regional Energy Lateral is located at: 41°10'24.037" 75°40'18.141"W, and is also the location of Compressor Station 515. The western pipeline terminus: 41°20'48.869"N, 75°56'46.642"W.

6) Municipality / County: Buck, Bear Creek, Plains, Jenkins, Kingston, and Dallas Townships, Wyoming, West Wyoming, and Laflin Boroughs, Luzerne County

Act 14, which amended the Commonwealth's Administrative Code (71 P.S. § 510-5), requires every applicant for a new, amended, or revised permit to give written notice to each municipality (borough, township) and county government in which the facility is located. The municipality and county government must receive the written notice at least thirty (30) - days before DEP may issue or deny approval of coverage.

Enclosed is a complete copy of the Notice of Intent (NOI) completed for the project as well as copies of the erosion and sediment control plan and post construction stormwater management plans.

Sincerely,

Ryan J. Nelson, PWS
WHM Consulting, LLC

Enclosures:
NOI Form
Erosion and Sediment Control Plan Drawings
Post Construction Stormwater Management Plan Drawings

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WHM CONSULTING, INC

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DEPARTMENT OF ENVIRONMENTAL PROTECTION

COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
OFFICE OF WATER PROGRAMS
OFFICE OF OIL AND GAS MANAGEMENT

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Date Received
AUTH
SITE
CLNT
APS
Fee
Check No.
Check Date

NOTICE OF INTENT (NOI) FOR COVERAGE UNDER THE EROSION AND SEDIMENT CONTROL GENERAL PERMIT (ESCGP-3) FOR EARTH DISTURBANCE ASSOCIATED WITH OIL AND GAS EXPLORATION, PRODUCTION, PROCESSING, OR TREATMENT OPERATIONS OR TRANSMISSION FACILITIES

READ THE INSTRUCTIONS PROVIDED IN THIS PERMIT APPLICATION PACKAGE BEFORE COMPLETING THIS FORM. PLEASE PRINT OR TYPE INFORMATION IN BLACK OR BLUE INK.

SECTION A. APPLICATION TYPE

Check one:

NEW ☒ **RENEWAL** ☐ **MAJOR MODIFICATIONS (Provide ESCGP number)** ☐

PHASED ☐ (check only if applicable; *note: Most projects are not submitted as phased projects*)

Check one: EXPEDITED ☐ **STANDARD** ☒

If an Expedited Review Process being requested, be advised that the Expedited Review is not available for all projects. Refer to Section D - Expedited Review Process of the ESCGP-3 NOI Instructions to determine if the project is eligible.

SECTION B. CLIENT INFORMATION

Applicant's Last Name (If applicable)	First Name	MI	Telephone No.
Organization Name or Registered Fictitious Name Transcontinental Gas Pipe Line Company, LLC (Contact: Joseph Dean)			Telephone No. (713) 215-3427
DEP Client ID No.			
Headquarters Mailing Address 2800 Post Oak Blvd, Level 11	City Houston	State TX	ZIP Code 77056
Email Address Joseph.Dean@williams.com			
Co-Applicant's Last Name (If applicable)	First Name	MI	Telephone No.
Organization Name or Registered Fictitious Name			Telephone No.

Address	City	State	ZIP Code
Email Address			

SECTION C. SITE INFORMATION			
Is there an existing ESCGP associated with this site? ☐ Yes ☒ No If yes, Permit No. _____			
Has a well permit application been submitted for this site? ☐ Yes ☒ No If yes, Permit No. _____ Does this site have a 911 address? ☐ Yes ☒ No If yes, provide site location address.			
Site Name Regional Energy Access Expansion Project			
Site Location See Attachment 1-1.1- NOI Supporting Information	Site No. (if another permit has been issued for the site)		
Site Location – City See Attachment 1-1.1- NOI Supporting Information		State PA	ZIP Code
Detailed Written Directions to Site See Attachment 1-1.1- NOI Supporting Information for locations of all project sites			

Primary Location	County	Municipality	City	Boro	Twp.
	Luzerne, Northhampton, Bucks, Chester, and Monroe	Buck, Bear Creek, Plains, Jenkins, Kingston, Lower Mt. Bethel, Ross, Chestnut Hill, Tunkhannock, Lower Makefield, East Whiteland and Dallas Townships Wyoming, West Wyoming, and Laflin Boroughs	☐	☒	☒

SECTION D. EXPEDITED REVIEW	
I. Expedited Review Eligibility	
1. Is any part of the project in the watershed of a surface water with an existing or designated use of exceptional value or high quality pursuant to Chapter 93 (relating to water quality standards), in an exceptional value wetland in accordance with 25 Pa. Code § 105.17, or in the watershed of an impaired surface water where the cause of the impairment is identified as siltation?	☒ Yes ☐ No
2. Will the project in which the well pad will be constructed be in or on a floodplain?	☐ Yes ☒ No
3. Is any earth disturbance located or proposed to be located on land known to be contaminated by the release of regulated substances as defined in Section 103 of Act 2, 35 P.S. § 6026.103?	☐ Yes ☒ No
4. Will naturally occurring geologic formations or soil conditions provide hazards to the project or surrounding environment or have the potential to cause or contribute to pollution when disturbed?	☒ Yes ☐ No
5. Do any unresolved non-compliance issues exist with the applicant or the facility?	☐ Yes ☒ No
6. Is the project a transmission project?	☒ Yes ☐ No

If yes to any of the above questions the project is not eligible for Expedited Review; If the project is eligible for Expedited Review, all the following items must be completed.	
II. Expedited Review Process	
1. Is the technically and administratively complete and accurate NOI package prepared and certified by a licensed professional?	☐ Yes ☐ No
2. Are E&S and PCSM/Site Restoration Plan drawings and narrative prepared and sealed by a licensed professional? *(Include interim restoration details when needed)*	☐ Yes ☐ No
3. Include a Resource Delineation Report and answer the following questions: (If the answer to question a. is "Yes" then skip to #4. If the answer to a. is "No" the applicant must answer "Yes" to at least one of the questions, b. through d. to be eligible for expedited review.)	
a. Were all wetland resources delineated during the growing season?	☐ Yes ☐ No
b. If not during the growing season, was a follow-up visit conducted during the growing season to verify/adjust boundaries and look for potentially missed resources?	☐ Yes ☐ No
c. Was a quality assurance field review conducted at a later date by an independent qualified wetland professional to verify boundaries and look for potentially missed resources? (If yes, attach Quality Assurance Field Review Report)	☐ Yes ☐ No
d. Was a Jurisdictional Determination (JD) or Preliminary JD conducted by the US Army Corps of Engineers on the whole project? (If yes, attach Preliminary or Jurisdictional Determination Report)	☐ Yes ☐ No
4. If applicable, have you included PNDI clearance letters or other documentation from applicable resource agencies?	☐ Yes ☐ No
5. If the project site contains, is along, or within 100 feet of a river, stream, creek, lake, pond or reservoir, will you establish new or preserve existing riparian forest buffer at least 100 feet in width between the top of streambank or normal pool elevation of a lake, pond or reservoir and areas of earth disturbances. If no, will a waiver be obtained? ☐ Yes ☐ No	☐ Yes ☐ No
6. Name of Licensed Professional Company	
Address	
Phone	

SECTION E. PROJECT INFORMATION			
1. Total Project Area/Project Site (Ac):	1,346 (Also see Attachment 1-1.1)	Total Disturbed Area (Ac):	689.8 (Also see Attachment 1-1.1)
Increased disturbed acreage *(for permit modification only)*			
Fee: ***(For additional information regarding fees, refer to NOI Instructions #3 Permit NOI Filing Fees.)***			$ $500 (Filing Fee), $69,000 (Disturbed Acre Fee)
2. Project Name: Regional Energy Access Expansion Project			

3. Project Type (Check all that apply)

- ☐ Oil/Gas Well [1]
- ☐ Gathering Facility
- ☐ Treatment Facility
- ☒ Compressor Station
- ☒ Pipeline
- ☐ Storage Field Facility
- ☐ Other
- ☒ Transmission Facility
- ☐ Processing Facility
- ☐ Well Development Impoundment
- ☐ Non-FERC regulated Transmission Facility
- ☐ Ground/Surface Water Withdrawal Site

[1] If Oil/Gas Well; is the well conventional or unconventional? ☐ Conventional ☐ Unconventional

Project Description

Transco, indirectly owned by The Williams Companies, Inc. (Williams), is seeking authorization from the Federal Energy Regulatory Commission (FERC or Commission) under Section 7(c) of the Natural Gas Act and Part 157 of the Commission's regulations, to construct, own, operate, and maintain the proposed Project facilities

The Project is an expansion of Transco's existing natural gas transmission system that will enable Transco to provide an incremental 829,400 dekatherms per day (Dth/d) of year-round firm transportation capacity from the Marcellus Shale production area in northeastern Pennsylvania (PA) to multiple delivery points along Transco's Leidy Line in PA, Transco's mainline at the Station 210 Zone 6 Pooling Point in Mercer County, New Jersey (NJ) and multiple delivery points in Transco's Zone 6 in NJ, PA, and Maryland (MD). The Project will consist of the following components:
•Approximately 22.3 miles of 30-inch-diameter pipeline partially collocated with Transco's Leidy Line A from milepost (MP) 0.00 to MP 22.32 in Luzerne County, PA (Regional Energy Lateral);
• Approximately 13.8 miles of 42-inch-diameter pipeline collocated with Transco's Leidy Line System from MP 43.72 to MP 57.50 in Monroe County, PA (Effort Loop);
• New gas-fired turbine driven compressor station identified as Compressor Station 201 with 11,107 nominal horsepower (HP) at International Organization of Standardization (ISO) conditions in Gloucester County, NJ;
• Addition of two gas-fired turbine driven compressor units with 31,800 nominal HP at ISO conditions at existing Compressor Station 505 in Somerset County, NJ, to accommodate the abandonment and replacement of approximately 16,000 HP from eight existing internal combustion engine-driven compressor units and increase the certificated station compression by 15,800 HP;
• Addition of two gas-fired turbine driven compressor units with 63,742 nominal HP at ISO conditions and modification of three existing compressors at existing Compressor Station 515 in Luzerne County, PA to support the Project and to accommodate the abandonment and replacement of approximately 17,000 HP from five existing gas-fired reciprocating engine driven compressors and increase the certificated station compression by 46,742 HP;
• Uprate and rewheel two existing electric motor-driven compressor units at existing Compressor Station 195 in York County, PA to increase the certificated station compression by 5,000 HP and accommodate the abandonment of two existing gas-fired reciprocating engine driven compressors which total approximately 8,000 HP of compression;
•Modifications at existing Compressor Station 200 in Chester County, PA;
•Uprate one existing electric motor-driven compressor unit at Compressor Station 207 in Middlesex County, NJ to increase the certificated station compression by 4,100 HP;
• Modifications to three (3) existing pipeline tie-ins in PA (Hildebrandt Tie-in, Lower Demunds REL Tie-in, and Carverton Tie-in);
•Addition of regulation controls at an existing valve setting on Transco's Mainline "A" in Bucks County, PA (Mainline A Regulator);
•Modifications at the existing Delaware River Regulator in Northampton County, PA;
•Modifications at the existing Centerville Regulator in Somerset County, NJ;
•Modifications to the existing valves and piping at the Princeton Junction (Station 210 Pooling Point) in Mercer County, NJ;
• Modifications to three (3) existing delivery meter stations in NJ (Camden M&R Station, Lawnside M&R Station, and Mt. Laurel M&R Station);
•Modifications to one (1) existing delivery meter station in MD (Beaver Dam M&R Station);
•Contractual changes (no modifications) at ten (10) existing delivery meter stations in PA and NJ (Algonquin-Centerville Meter Station, Post Road Meter Station, New Village Meter Station, Spruce Run Meter Station, Marcus Hook Meter Station, Ivyland Meter Station, Repaupo Meter Station, Morgan Meter Station, Lower Mud Run Meter Station, and Chesterfield Meter Station);
• Additional ancillary facilities, such as mainline valves (MLVs), cathodic protection, communication facilities, and internal inspection device (e.g., pig) launchers and receivers in PA; and
• Existing, improved, and new access roads and contractor yards/staging areas in PA, NJ, and MD.
Provide the date of pre-application meeting (if conducted with the Department) 04/27/20, 07/09/20, 09/04/20, 09/30/20, 12/15/20, 12/16/20, 01/06/21, 02/05/21

4. Provide the latitude and longitude coordinates for the center of the project. The coordinates should be in Decimal degrees and North American Datum 1983. The coordinates must meet the current DEP policy regarding locational accuracy. For linear projects provide the project's termini. See Attachment 1-1.1

Latitude (DD) . Longitude (DD) - .

Latitude (DD) . Longitude (DD) - .

Horizontal Collection Method: ☐ GPS ☒ Interpolated from U.S.G.S. Topographic Map ☐ DEP's eMAP

5. U.S.G.S. 7.5 min. topographic quadrangle Name (See Attachment 1-1.1)
(*Include a copy of the project area on the 7.5 min quad map)*

6. Will the project be conducted as a phased permit project? ☐ Yes ☒ No
If Yes, Include Master Site Plan Estimated Timetable for Phased Projects. ☐ Additional sheet(s) attached.

Phase No. or Name	Description	Total Area	Disturbed Area	Start Date	End Date

7. List existing and previous land use for a minimum of the previous 5 years. (See Section 2 of this ESCGP-3 Application)

8. Other Pollutants: Will the stormwater discharge contain pollutional substances other than sediment? ☐ Yes ☒ No

9. Will fuels, chemicals, solvents, other hazardous waste or materials be used or stored on site during earth disturbance activities or will Horizontal Directional Drilling (HDD) activities be conducted?
Yes ☒ No ☐ ***(If yes, Preparedness, Prevention and Contingency (PPC) Plan must be maintained on site during earth disturbance. See NOI Instructions, E.9 PPC Plan Guidance for further information.)***

10. Is the project in the watershed of an impaired surface water where the cause of the impairment is identified as siltation?
Yes ☒ No ☐ (See Section 2-5 of this ESCGP-3 Application) ***(If yes, show how the project will not result in a net change in volume, rate or water quality. See section I below, and E.10 of NOI instructions.)***

11. Are there potentially hazardous naturally occurring geological or soil conditions in any portion of the project or surrounding area? Yes ☒ No ☐

If yes, do the potentially hazardous geologic or soil conditions have the potential to cause or contribute to pollution as a result of the proposed earth disturbance activities?

If no, provide an explanation.

If yes, Geologic Hazard Mitigation Plan must be attached and explain where in this application details are provided.

12. Has the Act 14 Municipal Notification and proof of receipt of notification been attached to the NOI?
Yes ☒ No ☐ ***(If not, the NOI is not complete, see E.12 and #4 Municipal Notification in the NOI Instructions for additional guidance.)***

13. Has the PNDI receipt been attached to the NOI?
Yes ☒ No ☐ ***(If not, the NOI is not complete, see E.13 and #5 PNHP in the NOI Instructions for additional guidance.)***

14. Have the E&S Plan and PCSM/SR Plan been planned and designed to be consistent?
Yes ☒ No ☐

15. Have existing and/or proposed Riparian Forest Buffers been identified?
Yes ☒ N/A ☐ ***(If yes, they must be shown on the E&S Plan as well as the PCSM/SR Plans.)***

16. Have antidegradation implementation requirements for special protection waters been addressed?
Yes ☒ No ☐ N/A ☐ ***(If yes, antidegradation requirements must be included in the plan.)***

17. Has the seasonal high groundwater level been identified and 20-inch separation established at all excavation locations for pits for conventional operations and Well Development Impoundments for unconventional operations?

    Yes ☐ No ☐ N/A ☒

18. Receiving Waters	Chapter 93, Designated Use Stream Classification	Chapter 93, Existing Use Stream Classification
Effort Loop- Lake Creek (HQ-CWF,MF) Princess Run (CWF,MF) Weir Creek (CWF,MF) McMichael Creek (EV, MF) and (HQ-CWF) Pohopoco Creek (CWF,MF) Sugar Hollow Creek (CWF,MF) Poplar Creek (EV,CWF,MF) Mud Run (HQ-CWF, MF) Mud Pond Run (HQ-CWF,EV,MF) Tunkhannock Creek (HQ-CWF,MF) Regional Energy Lateral- Stony Run (HQ-CWF,MF) Shades Creek (HQ-CWF,MF) Little Shades Creek (HQ-CWF,MF) Snider Run (HQ-CWF,MF) Meadow Run (HQ-CWF,MF) Bear Creek (HQ-CWF,MF) Little Bear Creek (HQ-CWF,MF) Mill Creek (CWF,MF) Gardner Creek (CWF,MF) Susquehanna River (WWF,MF) Abrahams Creek (CWF,MF) Toby Creek (CWF,MF) Trout Brook (CWF,MF) Compressor Station 515- Shades Creek (HQ-CWF,MF) Stony Run (HQ-CWF,MF) Compressor Station 200- Valley Creek (EV,MF) Delaware River Regulator- Mud Run (CWF, MF) Mainline "A" Regulator - Dyers Creek (WWF,MF) See Attachment 1-1.1 for detailed list.	☒ HQ ☒ EV ☒ Other CWF, MF, WWF ☒ Siltation-impaired	☐ HQ ☒ EV ☒ Other MF ☐ Siltation-impaired
	☐ HQ ☐ EV ☐ Other _____ ☐ Siltation-impaired	☐ HQ ☐ EV ☐ Other _____ ☐ Siltation-impaired

	☐ HQ ☐ EV ☐ Other _____ ☐ Siltation-impaired ☐ HQ ☐ EV ☐ Other _____ ☐ Siltation-impaired	☐ HQ ☐ EV ☐ Other _____ ☐ Siltation-impaired ☐ HQ ☐ EV ☐ Other _____ ☐ Siltation-impaired
Secondary Receiving Water	Secondary Chapter 93, Designated Use	Secondary Existing Use
Name of Municipal or Private Separate Storm Sewer Operator, if applicable.		
Non-Surface Receiving Water: (include off-site discharges)		

SECTION F. EROSION AND SEDIMENT CONTROL (E&S) PLAN

See the attached Instructions for additional guidance with E&S Plans

Erosion and Sediment Control Plan BMPs should be designed to minimize accelerated erosion and sedimentation through limiting the extent and duration of earth disturbance, protection of existing drainage and vegetation, limiting soil compaction and controlling the generation of increased runoff. The Department recommends the use of the *Pennsylvania Erosion & Sedimentation Pollution Control Program Manual (E&S Manual)* (363-2134-008) to achieve this goal. The E&S Plan must meet the requirements of Pa. Code § 102.4(b) and submitted with the NOI. Also, see section 2. of the NOI instruction for detailed information on completing the E&S plan and additional requirements.

a. E&S Plan Summary

Provide a summary of proposed E&S BMPs and their performance to manage E&S for the project.

Typical BMPs provided along the pipeline Right-Of-Way includes waterbars, trench plugs, compost filter socks, compost sediment traps, rock filter outlets, erosion control blankets, rock construction entrances, temporary equipment bridges, timber mats, diversion channels, level spreaders, mulch and seed. An appropraite sediment removal device (filter bag, dewatering structure) and well-vegetated area will be utilized for trench dewatering. In HQ, EV watersheds, appropriate Antidegradation Best Available Combination of Technologies (ABACT) BMPs will be utilized. Additional information regarding all the proposed BMPs are provided in the Erosion and Sedimentation Control and Site Restoration Plans of respective project components (Section 2 of this ESCGP-3 Application).

b. E&S Plan BMP Design

Check those that apply:

☒ E&S Plan is designed using BMPs in the *E&S Manual*.

☐ E&S Plan is designed using an alternative BMP or design standard approved by DEP.

Note: NOI packages submitted with alternate BMPs not approved by the Department will be returned to the Applicant.

c. Do you have any information regarding riparian buffer which differs from Section G, Riparian Buffer?

Yes ☐ No ☒

Explain:

d. Thermal Impacts Analysis

Explain how thermal impacts associated with this project were avoided, minimized, or mitigated.

Thermal impacts associated with Regional Energy Access Expansion Project will be avoided to the maximum extent possible. Minimum permanent changes in land cover are being proposed for constructing the pipeline facilities. Runoff from impervious areas added during the project will be suitably routed to Stormwater BMPs. Gravel will be used for access roads wherever practicable. To avoid thermal impacts arising from clearing and grading, removal of vegetation will be limited to only that necessary for construction and construction Right-Of-Way will be limited to 75 feet in wetlands and floodways where practical. Once construction activities are complete, disturbed areas will be restored to pre-construction contours and seeded as described in Erosion and Sediment Control and Site Restoration Plans. Temporary workspaces will be restored back with woody and herbaceous species. Thermal impacts assessments corresponding to each project component including pipelines and aboveground facilities are given in Section 2 and 3 of this ESCGP-3 Application.

e. Off-Site Discharge Analysis

Does the activity propose any off-site discharges to areas other than surface waters? ☒ Yes ☐ No

If yes, it is the applicant's responsibility to ensure that they have legal authority for any off-site discharge to neighboring properties.

The applicant must provide a demonstration in both E&S and PCSM/SR plans that the discharge will not cause erosion, damage, or a nuisance to off-site properties.

See Offsite Discharge Analysis Sections in E&S Narratives

SECTION G. RIPARIAN BUFFER

1. Will you be protecting, converting or establishing a voluntary riparian forest buffer as part of this project?
   ☐ Yes ☒ No
   If yes, as part of the PCSM/SR Plan, provide a Buffer Management Plan.
2. Will proposed earth disturbance activities be conducted in an EV or HQ watershed AND within 150 feet of a perennial or intermittent river, stream, or creek, or lake, pond, or reservoir? ☒ Yes ☐ No

   If no, proceed to the next section/module.
3. Does this project qualify for an exception (see § 102.14(d)(1))? ☒ Yes ☐ No

   If yes, indicate below the type of project for which the exception applies by marking the appropriate box.

   ☐ Oil and gas activities for which site reclamation or restoration is part of the permit authorization in Chapter 78 and 78a.

   ☒ Road maintenance activities.

   ☐ The repair or maintenance of existing pipelines and utilities.

   ☐ Other (see §102.14(d)(1))

   If exceptions are checked, explain how existing riparian buffer will be undisturbed to the extent practicable. Provide a demonstration that the requirements of §102.14(b) are met, or provide the necessary information to request a riparian buffer waiver.
4. Are you requesting a riparian buffer waiver for this project (see § 102.14(d)(2))? ☒ Yes ☐ No

   If yes, indicate below the type of project for which you are requesting a waiver by marking the appropriate box.

   ☒ Linear project that may include pipelines, public roadways, rail lines, or utility lines.

   ☒ Project is of a temporary nature where the site will be fully restored to its preexisting conditions during the ESCGP permit term.

   ☒ Project where compliance with mandatory riparian buffers is not appropriate or feasible due to site characteristics or existing structures at the project site.

   ☐ Other (see §102.14(d)(2)):

   If waivers are checked, explain how existing riparian buffers will be undisturbed to the extent practicable.

   Note: If “Yes” to #2 **AND** “No” to #3 and #4, provide an attachment to demonstrate how the requirements of §102.14 are met.

SECTION H. POST CONSTRUCTION STORMWATER MANAGEMENT (PCSM) AND/OR SITE RESTORATION(SR) PLAN

See NOI Instructions for additional guidance with PCSM Plans

PCSM/SR BMPs should be designed to use natural measures to eliminate pollution, infiltrate runoff, not require extensive construction/maintenance, promote pollutant reduction, and preserve the integrity of stream channels. All PCSM/SR BMPs proposed in the PCSM/SR Plan must be designed in accordance with Ch. 102, Ch. 78a for unconventional operations, Ch. 78 for conventional operations and the *Pennsylvania Stormwater Best Management Practices Manual (Stormwater BMP Manual)* (363-0300-002). If alternate design criteria are utilized for the proposed project, they must have prior approval by the Department, or the NOI Application will be returned to the Applicant.

After construction is completed, how much of the entire disturbed area will be restored to meadow in good condition or better, or existing conditions? ☐ All ☒ Partial ☐ None

Include PCSM narrative and drawings for remaining impervious area. Also include a map showing the proposed contours of the site restoration plan.

If there are additional stages of the project prior to permit termination or expiration, list the stages and provide the documents required by subsection 'a' to section 'g' for each stage (e.g. partial restoration or changes to the amount of compacted areas, gravel, and/or impervious areas). Upload a narrative for each additional stage in addition to the drawings.

EXAMPLE

Stage No	Stage Name	PCSM Plan	SR Plan
Stage 1		☐	☐
Stage 2		☐	☐
Stage 3		☐	☐
Stage 4		☐	☐

Act 167 Consistency. Check those that apply.

Is there an Act 167 Plan? ☒ Yes ☐ No

☒ The attached PCSM/SR Plan is consistent with an applicable approved Act 167 Plan.

Complete the following for all approved Act 167 Stormwater Management Plans. (Use additional sheets if necessary)

Act 167 Plan Name	Date Adopted	Consistency Letter Included	
Luzerne County Stormwater Management Ordinance	August 18, 2010	Verification Report Included	☒
Valley Creek Watershed Stormwater Management Plan	February 04, 2011		

Note: A consistency letter is not required if a verification report is provided. See NOI Instructions. The PCSM/SR Plan must satisfy either sub paragraph 1, 2, or 3 below. Check those that apply.

1. ☒ Act 167 Plan approvals on or after January 2005 – The attached PCSM/SR Plan, in its entirety, is consistent with all requirements pertaining to rate, volume, and water quality from an Act 167 Stormwater Management Plan approved by DEP on or after January 2005. Box 1 must be checked if a current, DEP approved Act 167 plan exists.

2. ☒ The PCSM/SR Plan meets the standard design criteria from sections 102.8(g)(2) and (3) and the *Stormwater BMP Manual*. For projects involving oil and gas activities authorized by a permit issued under Chapter 78 or Chapter 78a (well pads) or pipelines and other similar utility infrastructure, post construction stormwater management requirements are met for all areas that are restored to preconstruction conditions or to a condition of meadow in good condition or better. *[Note: PCSM plans must meet both the volume and rate requirements in the regulations, which are provided in the 2 sections mentioned in this paragraph].*

3. ☐ Alternative Design Standard – The attached PCSM/SR Plan was developed using approaches as provided in 102.8(g)(2)(iv) and 102.8(g)(3)(iii). Demonstrate/explain in the space provided below how this standard will be either more protective than what is required in 102.8(g)(2) and 102.8(g)(3) or will maintain and protect existing water quality and existing and designated uses.

PCSM/SR BMP Alternative Standards:

Has the alternative BMP or design standard been approved by the Department?

☐ Yes

☐ No – Do not submit the ESCGP-3 application and see Section (H) of the NOI Instructions concerning the alternative BMP approval process.

Water Quality Compliance:

Does the PCSM/SR plan comply with requirements for volume control? ☒ Yes ☐ No

If yes, is at least 90% of the disturbed area controlled by a PCSM BMP? ☒ Yes ☐ No

If yes, do you have the Standard PCSM Worksheet # 10 attached to show water quality compliance has achieved?
☒ Yes ☐ No

If no, attach Standard PCSM Worksheets # 12 and #13 to show water quality compliance has achieved.

If PCSM/SR plan is not complying with the requirements for volume control, attach Standard PCSM Worksheets # 11, # 12 and #13 to show water quality compliance has achieved.

a. PCSM/SR Plan Summary

Provide a summary of proposed BMPs and their performance to manage PCSM/SR for the project.

Along the pipeline Right-Of-Way, typical E&S BMPs such as waterbars and erosion control blanket will be left in place as part of site restoration. After construction activities are completed, temporary workspaces will be restored to meadow in good condition or better than existing conditions. For the aboveground facilities, PCSM BMPs such as infiltration basins, diversion channels and vegetated swales will be used and left in place as part of site restoration. Additional information regarding all the proposed BMPs are provided in the Post-Construction Stormwater Management Plans of respective project components (Section 3 of this ESCGP-3 Application).

Check all that apply ☒ PCSM BMPs ☒ SR BMPs

b. Do you have any information regarding riparian buffer which differs from what was submitted in the Section G, Riparian Buffer?

☐ Yes ☒ No

Explain:

c. Thermal Impacts Analysis

Explain how thermal impacts associated with this project were avoided, minimized, or mitigated.

Runoff collected in PCSM BMPS such as infiltration basins will mitigate thermal impacts from post construction stormwater. Runoff collected in infiltration basins are discharged to receiving waters are not expected to be retained for more than 24 hours. Minimum permanent changes in land cover are being proposed for constructing the pipeline facilities. Gravel will be used for access roads wherever practicable. Removal of trees and riparian vegetation and addition of impervious surfaces will be limited to only that necessary for construction. Once construction activities are complete, disturbed areas will be restored to pre-construction contours and seeded as described in Erosion and Sedimental Control and Site Restoration Plans. Temporary workspaces will be restored back with woody and herbaceous species. Thermal impacts assessments correspoding to each project component including pipelines and aboveground facilities are given in Section 2 and 3 of this ESCGP-3 Application.

d. Off-Site Discharge Analysis.

Does the activity propose any off-site discharges to areas other than surface waters? ☒ Yes ☐ No

If yes, it is the applicant's responsibility to ensure that they have legal authority for any off-site discharge to neighboring properties.

The Applicant must provide a demonstration in both the E&S and PCSM/SR Plans that the discharge will not cause erosion, damage, or a nuisance to off-site properties.

See Offsite Discharge Analysis Sections in PCSM Narratives

NOI Section H. POST CONSTRUCTION STORMWATER MANAGEMENT (PCSM) PLANS

Summary Calculations of Post Construction Stormwater BMPs

1. Regional Energy Lateral Pipeline - MLV-515RA20
2. Regional Energy Lateral Pipeline - MLV-515RA30
3. Regional Energy Lateral Pipeline - Carverton Tie-in
4. Regional Energy Lateral Pipeline - Lower Demunds REL Tie-in
5. Regional Energy Lateral Pipeline – Hildebrandt Tie-in/MLV-515RA40
6. Effort Loop Pipeline - MLV-505LD86
7. Compressor Station 200
8. Compressor Station 515

NOTICE OF INTENT (NOI) FOR COVERAGE UNDER THE EROSION AND SEDIMENT CONTROL GENERAL PERMIT (ESCGP-3) FOR EARTH DISTURBANCE ASSOCIATED WITH OIL AND GAS EXPLORATION, PRODUCTION, PROCESSING, OR TREATMENT OPERATIONS OR TRANSMISSION FACILITIES

TABLES IN ADDENDUM OF NOI

SECTION H. POST CONSTRUCTION STORMWATER MANAGEMENT (PLAN) BMPs

Regional Energy Lateral Pipeline - MLV-515RA20 - Zenker Valve Yard

e. Summary Table for Supporting Calculation and Measurement Data
(See NOI Instructions for additional guidance with this section)

The remainder of this section (Summary Table for Calculation and Measurement Data) does not need to be completed for areas of projects involving oil and gas activities authorized by Chapter 78 or Chapter 78a (well pads) or pipelines and other similar utility infrastructure which will be restored to meadow in good condition or better or existing conditions.

Watershed Name: Mill Creek

Volume Control design storm frequency 2-year Rainfall amount 2.95 inches	Pre-construction	Post Construction	Net Change
Impervious area (acres)	0.00	0.19	+0.19
Volume of stormwater runoff (acre-feet) without planned stormwater BMPs	0.04	0.06	+0.02
Volume of stormwater runoff (acre-feet) with planned stormwater BMPs		0.03	-0.01
Stormwater discharge rate for the design frequency storm	Pre-construction	Post Construction	Net Change
1) 2-Year/24-Hour	3.51	3.22	-0.29
2) 10-Year/24-Hour	6.82	6.17	-0.65
3) 50-year/24-Hour	11.88	11.12	-0.76
4) 100-year/24-Hour	14.91	14.91	-0.00

f. Summary Description of PCSM/SR BMPs

In the lists below, check the BMPs identified in the PCSM Plan. The primary function(s) of the BMP listed in the functions column (infiltration/recharge; detention/retention; water quality). Additional functions may be added if applicable to that BMP. List the stormwater volume and area of runoff to be treated by each BMP type when calculations are required. If any BMP in the PCSM/SR Plan is not listed below, describe it in the space provided after "Other". A summary table with infiltration testing information (Attachment E, included in the NOI Instructions) must be submitted for all Bio-infiltration BMPs included in PCSM/SR plan.

For Rate control provide the volume of stormwater treated and acres treated for the 100-year/24-hour storm event.

For volume control and water quality provide the volume of stormwater treated and acres treated for the 2-year/24-hour storm event.

Key for BMP purpose(s): VC = Volume Control; RC = Rate Control; and WQ = Water Quality

BMP	Function(s)	Purpose(s)	Volume of stormwater treated	Acres treated
Site Restoration ONLY				
☐ Restore Site to Meadow in Good Condition or Better, or Existing Conditions	Infiltration/Recharge Detention/WQ Treatment	☐ VC ☐ RC ☐ WQ	_____	_____
Bio-infiltration areas	Infiltration/Recharge			
☐ Infiltration Trench		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Infiltration Bed		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Infiltration Basin		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Rain Garden/ Bioretention		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Infiltration Berm				
☐ Vegetated Swale		☐ VC ☐ RC ☐ WQ	_____	_____
Natural Area Conservation	Infiltration/Recharge			
☐ Streamside Buffer Zone		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Wetland Buffer Zone		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Sensitive Area Buffer Zone		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Pre-Construction Drainage Pattern Intact		☐ VC ☐ RC ☐ WQ	_____	_____
Stormwater Retention	Detention/Retention			
☐ Constructed Wetlands		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Wet Ponds		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Retention Basin		☐ VC ☐ RC ☐ WQ	_____	_____
Sediment and Pollutant Removal	Water Quality Treatment			
☐ Vegetated Filter Strips		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Compost Filter Sock		☐ VC ☐ RC ☐ WQ	_____	_____
☒ Detention Basins		☒ VC ☒ RC ☒ WQ	1,396cf(2-yr); 6,186cf(100-yr)	0.28
Access Road Design	Infiltration/Recharge			
☐ Road Crowning		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Ditches		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Turnouts		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Culverts		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Roadside Vegetated Filter Strips		☐ VC ☐ RC ☐ WQ	_____	_____

Stormwater Energy Dissipaters	Infiltration/Recharge			
☐ Level Spreaders		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Riprap Aprons		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Upslope Diversions		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Other_____		☐ VC ☐ RC ☐ WQ	_____	_____

g. Critical PCSM Plan stages

Identify and list critical stages of implementation of the PCSM Plan for which a licensed professional or designee shall be present on site.

1. Upon commencement of construction activities to ascertain the Dry Extended Detention Basin area has been flagged and fence erected to prevent access to the area.

2. At completion of Diversion Channels to ensure they have been constructed to the proposed lines and grades, the specified lining materials have been installed in accordance with the requirements of the plans and specifications, and if applicable, vegetation has been established.

3. At the beginning of construction of the Dry Extended Detention Basin to ensure the infiltration area has not been compacted by construction activities.

4. During construction of the Dry Extended Detention Basin the licensed professional will observe that the BMP is constructed in accordance with the plans and specifications.

5. At completion of Collection Channel C1 to ensure it has been constructed to the proposed line and grade, the specified lining material has been installed in accordance with the requirements of the plans and specifications, and if applicable, vegetation has been established.

6. Following installation of the Valve Yard Pad subgrade to ensure stormwater flow is directed to Collection Channel C1.

7. For final inspection of constructed BMPs.

8. At the establishment of hard surface stabilization or 70% vegetation covers to allow removal of E&S controls.

NOTICE OF INTENT (NOI) FOR COVERAGE UNDER THE EROSION AND SEDIMENT CONTROL GENERAL PERMIT (ESCGP-3) FOR EARTH DISTURBANCE ASSOCIATED WITH OIL AND GAS EXPLORATION, PRODUCTION, PROCESSING, OR TREATMENT OPERATIONS OR TRANSMISSION FACILITIES

TABLES IN ADDENDUM OF NOI

SECTION H. POST CONSTRUCTION STORMWATER MANAGEMENT (PLAN) BMPs

Regional Energy Lateral Pipeline - MLV-515RA30 - Wyoming Valve Yard

b. Summary Table for Supporting Calculation and Measurement Data

(See NOI Instructions for additional guidance with this section)

The remainder of this section (Summary Table for Calculation and Measurement Data) does not need to be completed for areas of projects involving oil and gas activities authorized by Chapter 78 or Chapter 78a (well pads) or pipelines and other similar utility infrastructure which will be restored to meadow in good condition or better or existing conditions.

Watershed Name: Susquehanna-Solomon Creek

Volume Control design storm frequency 2-year Rainfall amount 2.57 inches	Pre-construction	Post Construction	Net Change
Impervious area (acres)	0.00	0.24	+0.24
Volume of stormwater runoff (acre-feet) without planned stormwater BMPs	0.03	0.06	+0.03
Volume of stormwater runoff (acre-feet) with planned stormwater BMPs	[redacted]	0.03	-0.00
Stormwater discharge rate for the design frequency storm	Pre-construction	Post Construction	Net Change
1) 2-Year/24-Hour	0.22	0.02	-0.20
2) 10-Year/24-Hour	0.68	0.03	-0.65
3) 50-year/24-Hour	1.52	0.06	-1.46
4) 100-year/24-Hour	2.06	0.07	-1.99

c. Summary Description of PCSM/SR BMPs

In the lists below, check the BMPs identified in the PCSM Plan. The primary function(s) of the BMP listed in the functions column (infiltration/recharge; detention/retention; water quality). Additional functions may be added if applicable to that BMP. List the stormwater volume and area of runoff to be treated by each BMP type when calculations are required. If any BMP in the PCSM/SR Plan is not listed below, describe it in the space provided after "Other". A summary table with infiltration testing information (Attachment E, included in the NOI Instructions) must be submitted for all Bio-infiltration BMPs included in PCSM/SR plan.

For Rate control provide the volume of stormwater treated and acres treated for the 100-year/24-hour storm event.

For volume control and water quality provide the volume of stormwater treated and acres treated for the 2-year/24-hour storm event.

Key for BMP purpose(s): VC = Volume Control; RC = Rate Control; and WQ = Water Quality

BMP	Function(s)	Purpose(s)	Volume of stormwater treated	Acres treated
Site Restoration ONLY				
☐ Restore Site to Meadow in Good Condition or Better, or Existing Conditions	Infiltration/Recharge Detention/WQ Treatment	☐ VC ☐ RC ☐ WQ	_____	_____
Bio-infiltration areas	Infiltration/Recharge			
☐ Infiltration Trench		☐ VC ☐ RC ☐ WQ	_____	_____
☒ Infiltration Bed		☒ VC ☒ RC ☒ WQ	451cf(2-yr); 2,511cf(100-yr)	0.21
☐ Infiltration Basin		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Rain Garden/ Bioretention		☐ VC ☐ RC ☐ WQ	_____	
☐ Infiltration Berm		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Soil Amendment		☐ VC ☐ RC ☐ WQ	_____	_____
Natural Area Conservation	Infiltration/Recharge			
☐ Streamside Buffer Zone		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Wetland Buffer Zone		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Sensitive Area Buffer Zone		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Pre-Construction Drainage Pattern Intact		☐ VC ☐ RC ☐ WQ	_____	_____
Stormwater Retention	Detention/Retention			
☐ Constructed Wetlands		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Wet Ponds		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Retention Basin		☐ VC ☐ RC ☐ WQ	_____	_____
Sediment and Pollutant Removal	Water Quality Treatment			
☐ Vegetated Filter Strips		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Compost Filter Sock		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Detention Basins		☐ VC ☐ RC ☐ WQ	_____	_____
Access Road Design	Infiltration/Recharge			
☐ Road Crowning		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Ditches		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Turnouts		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Culverts		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Roadside Vegetated Filter Strips		☐ VC ☐ RC ☐ WQ	_____	_____

Stormwater Energy Dissipaters ☐ Level Spreaders ☐ Riprap Aprons ☐ Upslope Diversions ☒ OtherVegetated Swale	Infiltration/Recharge	☐ VC ☐ RC ☐ WQ ☐ VC ☐ RC ☐ WQ ☐ VC ☐ RC ☐ WQ ☒ VC ☒ RC ☒ WQ	_____ _____ _____ 1,009cf(2-yr); 4,264cf(100-yr)	_____ _____ _____ 0.49

d. Critical PCSM Plan stages

Identify and list critical stages of implementation of the PCSM Plan for which a licensed professional or designee shall be present on site.

1. Upon commencement of construction activities to ascertain the Vegetated Swale area has been flagged and fence erected to prevent access to the area.
2. At the beginning of construction of the Vegetated Swale to ensure the infiltration area has not been compacted by construction activities.
3. During construction of the Vegetated Swale the licensed professional will observe that the BMP is constructed in accordance with the plans and specifications.
4. At completion of Collection Channel C1 to ensure it has been constructed to the proposed line and grade, the specified lining material has been installed in accordance with the requirements of the plans and specifications, and if applicable, vegetation has been established.
5. Following installation of the Valve Yard Pad subgrade to ensure stormwater flow is directed to the infiltration berm.
6. For final inspection of constructed BMPs.
7. At the establishment of hard surface stabilization or 70% vegetation covers to allow removal of E&S controls.

NOTICE OF INTENT (NOI) FOR COVERAGE UNDER THE EROSION AND SEDIMENT CONTROL GENERAL PERMIT (ESCGP-3) FOR EARTH DISTURBANCE ASSOCIATED WITH OIL AND GAS EXPLORATION, PRODUCTION, PROCESSING, OR TREATMENT OPERATIONS OR TRANSMISSION FACILITIES

TABLES IN ADDENDUM OF NOI

SECTION H. POST CONSTRUCTION STORMWATER MANAGEMENT (PLAN) BMPs

Regional Energy Lateral Pipeline - Carverton Tie-In

b. Summary Table for Supporting Calculation and Measurement Data

(See NOI Instructions for additional guidance with this section)

The remainder of this section (Summary Table for Calculation and Measurement Data) does not need to be completed for areas of projects involving oil and gas activities authorized by Chapter 78 or Chapter 78a (well pads) or pipelines and other similar utility infrastructure which will be restored to meadow in good condition or better or existing conditions.

Watershed Name: Abrahams Creek

Volume Control design storm frequency 2-year Rainfall amount 2.61 inches	Pre-construction	Post Construction	Net Change
Impervious area (acres)	0.03	0.11	+0.08
Volume of stormwater runoff (acre-feet) without planned stormwater BMPs	0.02	0.03	+0.01
Volume of stormwater runoff (acre-feet) with planned stormwater BMPs	[redacted]	0.00	-0.02
Stormwater discharge rate for the design frequency storm	Pre-construction	Post Construction	Net Change
1) 2-Year/24-Hour	0.46	0.00	-0.46
2) 10-Year/24-Hour	0.91	0.00	-0.91
3) 50-year/24-Hour	1.61	0.00	-1.61
4) 100-year/24-Hour	2.01	0.00	-2.01

c. Summary Description of PCSM/SR BMPs

In the lists below, check the BMPs identified in the PCSM Plan. The primary function(s) of the BMP listed in the functions column (infiltration/recharge; detention/retention; water quality). Additional functions may be added if applicable to that BMP. List the stormwater volume and area of runoff to be treated by each BMP type when calculations are required. If any BMP in the PCSM/SR Plan is not listed below, describe it in the space provided after "Other". A summary table with infiltration testing information (Attachment E, included in the NOI Instructions) must be submitted for all Bio-infiltration BMPs included in PCSM/SR plan.

For Rate control provide the volume of stormwater treated and acres treated for the 100-year/24-hour storm event.

For volume control and water quality provide the volume of stormwater treated and acres treated for the 2-year/24-hour storm event.

Key for BMP purpose(s): VC = Volume Control; RC = Rate Control; and WQ = Water Quality

BMP	Function(s)	Purpose(s)	Volume of stormwater treated	Acres treated
Site Restoration ONLY				
☐ Restore Site to Meadow in Good Condition or Better, or Existing Conditions	Infiltration/Recharge Detention/WQ Treatment	☐ VC ☐ RC ☐ WQ	_____	_____
Bio-infiltration areas	Infiltration/Recharge			
☐ Infiltration Trench		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Infiltration Bed		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Infiltration Basin		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Rain Garden/ Bioretention		☐ VC ☐ RC ☐ WQ	_____	
☒ Infiltration Berm		☒ VC ☒ RC ☒ WQ	1,280cf (2-yr); 4,445cf(100-yr)	0.26
Natural Area Conservation	Infiltration/Recharge			
☐ Streamside Buffer Zone		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Wetland Buffer Zone		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Sensitive Area Buffer Zone		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Pre-Construction Drainage Pattern Intact		☐ VC ☐ RC ☐ WQ	_____	_____
Stormwater Retention	Detention/Retention			
☐ Constructed Wetlands		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Wet Ponds		☒ VC ☒ RC ☒ WQ	_____	_____
☐ Retention Basin		☐ VC ☐ RC ☐ WQ	_____	_____
Sediment and Pollutant Removal	Water Quality Treatment			
☐ Vegetated Filter Strips		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Compost Filter Sock		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Detention Basins		☐ VC ☐ RC ☐ WQ	_____	_____
Access Road Design	Infiltration/Recharge			
☐ Road Crowning		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Ditches		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Turnouts		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Culverts		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Roadside Vegetated Filter Strips		☐ VC ☐ RC ☐ WQ	_____	_____

Stormwater Energy Dissipaters	Infiltration/Recharge			
☐ Level Spreaders		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Riprap Aprons		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Upslope Diversions		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Other_____		☐ VC ☐ RC ☐ WQ	_____	_____

d. Critical PCSM Plan stages

Identify and list critical stages of implementation of the PCSM Plan for which a licensed professional or designee shall be present on site.

1. At the beginning of construction to ascertain the Infiltration Berm area has been flagged and fence erected to prevent access to the area.
2. Following installation of the Valve Yard Pad subgrade to ensure stormwater flow is directed to the infiltration berm.
3. At the beginning of construction of the Infiltration Berm to ensure the infiltration area has not been compacted by construction activities.
4. During construction of the infiltration berm the licensed professional will observe that the berm is constructed in accordance with the plans and specifications.
5. For final inspection of constructed BMPs.
6. At the establishment of hard surface stabilization or 70% vegetation covers to allow removal of E&S controls.

NOTICE OF INTENT (NOI) FOR COVERAGE UNDER THE EROSION AND SEDIMENT CONTROL GENERAL PERMIT (ESCGP-3) FOR EARTH DISTURBANCE ASSOCIATED WITH OIL AND GAS EXPLORATION, PRODUCTION, PROCESSING, OR TREATMENT OPERATIONS OR TRANSMISSION FACILITIES

TABLES IN ADDENDUM OF NOI

SECTION H. POST CONSTRUCTION STORMWATER MANAGEMENT (PLAN) BMPs

Regional Energy Lateral Pipeline - Lower Demunds REL Tie-In

b. Summary Table for Supporting Calculation and Measurement Data

(See NOI Instructions for additional guidance with this section)

The remainder of this section (Summary Table for Calculation and Measurement Data) does not need to be completed for areas of projects involving oil and gas activities authorized by Chapter 78 or Chapter 78a (well pads) or pipelines and other similar utility infrastructure which will be restored to meadow in good condition or better or existing conditions.

Watershed Name: Toby Creek

Volume Control design storm frequency 2-year Rainfall amount 3.40 inches	Pre-construction	Post Construction	Net Change
Impervious area (acres)	0.00	0.12	+0.12
Volume of stormwater runoff (acre-feet) without planned stormwater BMPs	0.02	0.04	+0.02
Volume of stormwater runoff (acre-feet) with planned stormwater BMPs		0.01	-0.01
Stormwater discharge rate for the design frequency storm	Pre-construction	Post Construction	Net Change
1) 2-Year/24-Hour	0.20	0.00	-0.20
2) 10-Year/24-Hour	0.40	0.00	-0.40
3) 50-year/24-Hour	0.71	0.20	-0.51
4) 100-year/24-Hour	0.89	0.51	-0.38

c. Summary Description of PCSM/SR BMPs

In the lists below, check the BMPs identified in the PCSM Plan. The primary function(s) of the BMP listed in the functions column (infiltration/recharge; detention/retention; water quality). Additional functions may be added if applicable to that BMP. List the stormwater volume and area of runoff to be treated by each BMP type when calculations are required. If any BMP in the PCSM/SR Plan is not listed below, describe it in the space provided after "Other". A summary table with infiltration testing information (Attachment E, included in the NOI Instructions) must be submitted for all Bio-infiltration BMPs included in PCSM/SR plan.

For Rate control provide the volume of stormwater treated and acres treated for the 100-year/24-hour storm event.

For volume control and water quality provide the volume of stormwater treated and acres treated for the 2-year/24-hour storm event.

Key for BMP purpose(s): VC = Volume Control; RC = Rate Control; and WQ = Water Quality

BMP	Function(s)	Purpose(s)	Volume of stormwater treated	Acres treated
Site Restoration ONLY				
☐ Restore Site to Meadow in Good Condition or Better, or Existing Conditions	Infiltration/Recharge Detention/WQ Treatment	☐ VC ☐ RC ☐ WQ	_____	_____
Bio-infiltration areas	Infiltration/Recharge			
☐ Infiltration Trench		☐ VC ☐ RC ☐ WQ	_____	_____
☒ Infiltration Bed		☒ VC ☒ RC ☒ WQ	1,481cf(2-yr); 4,356cf(100-yr)	0.17
☐ Infiltration Basin		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Rain Garden/ Bioretention		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Infiltration Berm		☐ VC ☐ RC ☐ WQ	_____	_____
Natural Area Conservation	Infiltration/Recharge			
☐ Streamside Buffer Zone		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Wetland Buffer Zone		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Sensitive Area Buffer Zone		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Pre-Construction Drainage Pattern Intact		☐ VC ☐ RC ☐ WQ	_____	_____
Stormwater Retention	Detention/Retention			
☐ Constructed Wetlands		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Wet Ponds		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Retention Basin		☐ VC ☐ RC ☐ WQ	_____	_____
Sediment and Pollutant Removal	Water Quality Treatment			
☐ Vegetated Filter Strips		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Compost Filter Sock		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Detention Basins		☐ VC ☐ RC ☐ WQ	_____	_____
Access Road Design	Infiltration/Recharge			
☐ Road Crowning		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Ditches		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Turnouts		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Culverts		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Roadside Vegetated Filter Strips		☐ VC ☐ RC ☐ WQ	_____	_____

Stormwater Energy Dissipaters ☐ Level Spreaders ☐ Riprap Aprons ☐ Upslope Diversions ☐ Other_____	Infiltration/Recharge	 ☐ VC ☐ RC ☐ WQ ☐ VC ☐ RC ☐ WQ ☐ VC ☐ RC ☐ WQ ☐ VC ☐ RC ☐ WQ	 _____ _____ _____ _____	 _____ _____ _____ _____

d. Critical PCSM Plan stages

Identify and list critical stages of implementation of the PCSM Plan for which a licensed professional or designee shall be present on site.

1. Upon commencement of construction activities to ascertain the Valve Yard Pad area has been flagged and fence erected to prevent access to the area.
2. At completion of Diversion Berm/Channel to ensure it has been constructed to the proposed lines and grades, the specified lining materials have been installed in accordance with the requirements of the plans and specifications, and if applicable, vegetation has been established.
3. At the beginning of construction of the Valve Yard Pad to ensure the infiltration area has not been compacted by construction activities.
4. During construction of the Valve Yard Pad the licensed professional will observe that the BMP is constructed in accordance with the plans and specifications.
5. Following installation of the Valve Yard Pad subgrade to ensure stormwater flow is directed to the outlet structure.
6. For final inspection of constructed BMPs.
7. At the establishment of hard surface stabilization or 70% vegetation covers to allow removal of E&S controls.

NOTICE OF INTENT (NOI) FOR COVERAGE UNDER THE EROSION AND SEDIMENT CONTROL GENERAL PERMIT (ESCGP-3) FOR EARTH DISTURBANCE ASSOCIATED WITH OIL AND GAS EXPLORATION, PRODUCTION, PROCESSING, OR TREATMENT OPERATIONS OR TRANSMISSION FACILITIES

TABLES IN ADDENDUM OF NOI

SECTION H. POST CONSTRUCTION STORMWATER MANAGEMENT (PLAN) BMPs

Regional Energy Lateral Pipeline – MLV-515RA40-Hildebrandt Tie-In

b. Summary Table for Supporting Calculation and Measurement Data

(See NOI Instructions for additional guidance with this section)

The remainder of this section (Summary Table for Calculation and Measurement Data) does not need to be completed for areas of projects involving oil and gas activities authorized by Chapter 78 or Chapter 78a (well pads) or pipelines and other similar utility infrastructure which will be restored to meadow in good condition or better or existing conditions.

Watershed Name: Toby Creek

Volume Control design storm frequency 2-year Rainfall amount 3.40 inches	Pre-construction	Post Construction	Net Change
Impervious area (acres)	0.0	0.22	+0.22
Volume of stormwater runoff (acre-feet) without planned stormwater BMPs	0.03	0.07	+0.04
Volume of stormwater runoff (acre-feet) with planned stormwater BMPs	[redacted]	0.01	-0.02
Stormwater discharge rate for the design frequency storm	Pre-construction	Post Construction	Net Change
1) 2-Year/24-Hour	0.34	0.20	-0.14
2) 10-Year/24-Hour	0.67	0.38	-0.29
3) 50-year/24-Hour	1.20	0.65	-0.55
4) 100-year/24-Hour	1.52	0.80	-0.72

c. Summary Description of PCSM/SR BMPs

In the lists below, check the BMPs identified in the PCSM Plan. The primary function(s) of the BMP listed in the functions column (infiltration/recharge; detention/retention; water quality). Additional functions may be added if applicable to that BMP. List the stormwater volume and area of runoff to be treated by each BMP type when calculations are required. If any BMP in the PCSM/SR Plan is not listed below, describe it in the space provided after "Other". A summary table with infiltration testing information (Attachment E, included in the NOI Instructions) must be submitted for all Bio-infiltration BMPs included in PCSM/SR plan.

For Rate control provide the volume of stormwater treated and acres treated for the 100-year/24-hour storm event.

For volume control and water quality provide the volume of stormwater treated and acres treated for the 2-year/24-hour storm event.

Key for BMP purpose(s): VC = Volume Control; RC = Rate Control; and WQ = Water Quality

BMP	Function(s)	Purpose(s)	Volume of stormwater treated	Acres treated
Site Restoration ONLY				
☐ Restore Site to Meadow in Good Condition or Better, or Existing Conditions	Infiltration/Recharge Detention/WQ Treatment	☐ VC ☐ RC ☐ WQ	_____	_____
Bio-infiltration areas	Infiltration/Recharge			
☐ Infiltration Trench		☐ VC ☐ RC ☐ WQ	_____	_____
☒ Infiltration Bed		☒ VC ☒ RC ☒ WQ	2,265cf(2-yr); 5,881cf(100-yr)	0.21
☐ Infiltration Basin		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Rain Garden/ Bioretention		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Infiltration Berm				
☐ Vegetated Swale		☐ VC ☐ RC ☐ WQ	_____	_____
Natural Area Conservation	Infiltration/Recharge			
☐ Streamside Buffer Zone		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Wetland Buffer Zone		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Sensitive Area Buffer Zone		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Pre-Construction Drainage Pattern Intact		☐ VC ☐ RC ☐ WQ	_____	_____
Stormwater Retention	Detention/Retention			
☐ Constructed Wetlands		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Wet Ponds		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Retention Basin		☐ VC ☐ RC ☐ WQ	_____	_____
Sediment and Pollutant Removal	Water Quality Treatment			
☐ Vegetated Filter Strips		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Compost Filter Sock		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Detention Basins		☐ VC ☐ RC ☐ WQ	_____	_____
Access Road Design	Infiltration/Recharge			
☐ Road Crowning		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Ditches		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Turnouts		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Culverts		☐ VC ☐ RC ☐ WQ	_____	_____

☐ Roadside Vegetated Filter Strips		☐ VC ☐ RC ☐ WQ	_____	_____
Stormwater Energy Dissipaters	Infiltration/Recharge			
☐ Level Spreaders		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Riprap Aprons		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Upslope Diversions		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Other_____		☐ VC ☐ RC ☐ WQ	_____	_____

d. Critical PCSM Plan stages

Identify and list critical stages of implementation of the PCSM Plan for which a licensed professional or designee shall be present on site.

1. Upon commencement of construction activities to ascertain the Valve Yard Pad area has been flagged and fence erected to prevent access to the area.
2. At completion of Diversion Channel to ensure it has been constructed to the proposed lines and grades, the specified lining materials have been installed in accordance with the requirements of the plans and specifications, and if applicable, vegetation has been established.
3. At the beginning of construction of the Valve Yard Pad to ensure the infiltration area has not been compacted by construction activities.
4. During construction of the Valve Yard Pad the licensed professional will observe that the BMP is constructed in accordance with the plans and specifications.
5. Following installation of the Valve Yard Pad subgrade to ensure stormwater flow is directed to the outlet structure.
6. For final inspection of constructed BMPs.
7. At the establishment of hard surface stabilization or 70% vegetation covers to allow removal of E&S controls.

NOTICE OF INTENT (NOI) FOR COVERAGE UNDER THE EROSION AND SEDIMENT CONTROL GENERAL PERMIT (ESCGP-3) FOR EARTH DISTURBANCE ASSOCIATED WITH OIL AND GAS EXPLORATION, PRODUCTION, PROCESSING, OR TREATMENT OPERATIONS OR TRANSMISSION FACILITIES

TABLES IN ADDENDUM OF NOI

SECTION H. POST CONSTRUCTION STORMWATER MANAGEMENT (PLAN) BMPs

Effort Loop Pipeline-MLV-505LD86 Sugar Hollow Valve Yard

b. Summary Table for Supporting Calculation and Measurement Data

(See NOI Instructions for additional guidance with this section)

The remainder of this section (Summary Table for Calculation and Measurement Data) does not need to be completed for areas of projects involving oil and gas activities authorized by Chapter 78 or Chapter 78a (well pads) or pipelines and other similar utility infrastructure which will be restored to meadow in good condition or better or existing conditions.

Watershed Name: Pohopoco Creek

Volume Control design storm frequency 2-year Rainfall amount 3.26 inches	Pre-construction	Post Construction	Net Change
Impervious area (acres)	0.09	0.62	+0.53
Volume of stormwater runoff (acre-feet) without planned stormwater BMPs	0.35	0.44	+0.09
Volume of stormwater runoff (acre-feet) with planned stormwater BMPs	[redacted]	0.28	-0.07
Stormwater discharge rate for the design frequency storm DA-1	Pre-construction	Post Construction	Net Change
1) 2-Year/24-Hour	0.01	0.01	-0.00
2) 10-Year/24-Hour	0.37	0.31	-0.06
3) 50-year/24-Hour	5.89	4.21	-1.68
4) 100-year/24-Hour	11.47	8.28	-3.19
Stormwater discharge rate for the design frequency storm DA-2	Pre-construction	Post Construction	Net Change
1) 2-Year/24-Hour	4.51	3.97	-0.54
2) 10-Year/24-Hour	12.49	12.28	-0.21
3) 50-year/24-Hour	26.58	24.35	-2.23
4) 100-year/24-Hour	35.41	31.74	-3.67

c. Summary Description of PCSM/SR BMPs

In the lists below, check the BMPs identified in the PCSM Plan. The primary function(s) of the BMP listed in the functions column (infiltration/recharge; detention/retention; water quality). Additional functions may be added if applicable to that BMP. List the stormwater volume and area of runoff to be treated by each BMP type when calculations are required. If any BMP in the PCSM/SR Plan is not listed below, describe it in the space provided after "Other". A summary table with infiltration testing information (Attachment E, included in the NOI Instructions) must be submitted for all Bio-infiltration BMPs included in PCSM/SR plan.

For Rate control provide the volume of stormwater treated and acres treated for the 100-year/24-hour storm event.

For volume control and water quality provide the volume of stormwater treated and acres treated for the 2-year/24-hour storm event.

Key for BMP purpose(s): VC = Volume Control; RC = Rate Control; and WQ = Water Quality

BMP	Function(s)	Purpose(s)	Volume of stormwater treated	Acres treated
Site Restoration ONLY				
☐ Restore Site to Meadow in Good Condition or Better, or Existing Conditions	Infiltration/Recharge Detention/WQ Treatment	☐ VC ☐ RC ☐ WQ	_____	_____
Bio-infiltration areas	Infiltration/Recharge			
☐ Infiltration Trench		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Infiltration Bed		☐ VC ☐ RC ☐ WQ	_____	_____
☒ Infiltration Basin		☒ VC ☒ RC ☒ WQ	1,123cf(2-yr); 21,318cf(100-yr)	2.85
☐ Rain Garden/ Bioretention		☐ VC ☐ RC ☐ WQ	_____	_____
☒ Infiltration Berm		☒ VC ☒ RC ☒ WQ	5,915cf(2-yr); 26,924cf(100-yr)	1.54
Natural Area Conservation	Infiltration/Recharge			
☐ Streamside Buffer Zone		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Wetland Buffer Zone		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Sensitive Area Buffer Zone		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Pre-Construction Drainage Pattern Intact		☐ VC ☐ RC ☐ WQ	_____	_____
Stormwater Retention	Detention/Retention			
☐ Constructed Wetlands		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Wet Ponds		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Retention Basin		☐ VC ☐ RC ☐ WQ	_____	_____
Sediment and Pollutant Removal	Water Quality Treatment			
☐ Vegetated Filter Strips		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Compost Filter Sock		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Detention Basins		☐ VC ☐ RC ☐ WQ	_____	_____
Access Road Design	Infiltration/Recharge			
☐ Road Crowning		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Ditches		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Turnouts		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Culverts		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Roadside Vegetated Filter Strips		☐ VC ☐ RC ☐ WQ	_____	_____

Stormwater Energy Dissipaters	Infiltration/Recharge			
☐ Level Spreaders		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Riprap Aprons		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Upslope Diversions		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Other_____		☐ VC ☐ RC ☐ WQ	_____	_____

d. Critical PCSM Plan stages

Identify and list critical stages of implementation of the PCSM Plan for which a licensed professional or designee shall be present on site.

1. For the final grading of the access road, ensuring it is constructed according to the plan details for proper conveyance of runoff.
2. Following final grading and seeding of the diversion channels and basin, in order to confirm they have been constructed according to the plan details for proper collection and conveyance of runoff. Periodic assessments will need to be made to ensure accumulated sediment have been cleaned out so the channels and basin maintain the necessary design volumes.
3. During the layout and excavation of the outlet control structure, the professional or delegate will ensure sizing, materials specifications, and construction procedures are followed to enable proper storage in the basin.
4. Following final grading and seeding of the infiltration berm in order to confirm they have been constructed according to the plan details for proper collection, infiltration, and conveyance of runoff. Periodic assessment will need to be made to ensure that accumulated sediment have been cleaned out so the area behind the berm maintains the necessary design volume.
5. For final inspection of constructed channels, basin and berms.
6. At the establishment of hard surface stabilization or 70% vegetation covers to allow removal of E&S controls.

NOTICE OF INTENT (NOI) FOR COVERAGE UNDER THE EROSION AND SEDIMENT CONTROL GENERAL PERMIT (ESCGP-3) FOR EARTH DISTURBANCE ASSOCIATED WITH OIL AND GAS EXPLORATION, PRODUCTION, PROCESSING, OR TREATMENT OPERATIONS OR TRANSMISSION FACILITIES

TABLES IN ADDENDUM OF NOI

SECTION H. POST CONSTRUCTION STORMWATER MANAGEMENT (PLAN) BMPs

Compressor Station 200

b. Summary Table for Supporting Calculation and Measurement Data

(See NOI Instructions for additional guidance with this section)

The remainder of this section (Summary Table for Calculation and Measurement Data) does not need to be completed for areas of projects involving oil and gas activities authorized by Chapter 78 or Chapter 78a (well pads) or pipelines and other similar utility infrastructure which will be restored to meadow in good condition or better or existing conditions.

Watershed Name: Valley Creek

Volume Control design storm frequency 2-year Rainfall amount 3.30 inches	Pre-construction	Post Construction	Net Change
Impervious area (acres)	0.25	0.40	+0.15
Volume of stormwater runoff (acre-feet) without planned stormwater BMPs	0.07	0.11	+0.04
Volume of stormwater runoff (acre-feet) with planned stormwater BMPs	[redacted]	0.07	-0.00
Stormwater discharge rate for the design frequency storm	Pre-construction	Post Construction	Net Change
1) 2-Year/24-Hour	1.03	0.15	-0.88
2) 10-Year/24-Hour	2.06	1.39	-0.67
3) 50-year/24-Hour	3.19	2.79	-0.40
4) 100-year/24-Hour	3.97	3.50	-0.47

c. Summary Description of PCSM/SR BMPs

In the lists below, check the BMPs identified in the PCSM Plan. The primary function(s) of the BMP listed in the functions column (infiltration/recharge; detention/retention; water quality). Additional functions may be added if applicable to that BMP. List the stormwater volume and area of runoff to be treated by each BMP type when calculations are required. If any BMP in the PCSM/SR Plan is not listed below, describe it in the space provided after "Other". A summary table with infiltration testing information (Attachment E, included in the NOI Instructions) must be submitted for all Bio-infiltration BMPs included in PCSM/SR plan.

For Rate control provide the volume of stormwater treated and acres treated for the 100-year/24-hour storm event.

For volume control and water quality provide the volume of stormwater treated and acres treated for the 2-year/24-hour storm event.

Key for BMP purpose(s): VC = Volume Control; RC = Rate Control; and WQ = Water Quality

BMP	Function(s)	Purpose(s)	Volume of stormwater treated	Acres treated
Site Restoration ONLY				
☐ Restore Site to Meadow in Good Condition or Better, or Existing Conditions	Infiltration/Recharge Detention/WQ Treatment	☐ VC ☐ RC ☐ WQ	_____	_____
Bio-infiltration areas	Infiltration/Recharge			
☐ Infiltration Trench		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Infiltration Bed		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Infiltration Basin		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Rain Garden/ Bioretention		☐ VC ☐ RC ☐ WQ	_____	_____
☒ Infiltration Berm		☒ VC ☒ RC ☒ WQ	3,790cf(2-yr); 11,631cf(100-yr)	0.56
Natural Area Conservation	Infiltration/Recharge			
☐ Streamside Buffer Zone		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Wetland Buffer Zone		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Sensitive Area Buffer Zone		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Pre-Construction Drainage Pattern Intact		☐ VC ☐ RC ☐ WQ	_____	_____
Stormwater Retention	Detention/Retention			
☐ Constructed Wetlands		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Wet Ponds		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Retention Basin		☐ VC ☐ RC ☐ WQ	_____	_____
Sediment and Pollutant Removal	Water Quality Treatment			
☐ Vegetated Filter Strips		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Compost Filter Sock		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Detention Basins		☐ VC ☐ RC ☐ WQ	_____	_____
Access Road Design	Infiltration/Recharge			
☐ Road Crowning		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Ditches		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Turnouts		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Culverts		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Roadside Vegetated Filter Strips		☐ VC ☐ RC ☐ WQ	_____	_____

Stormwater Energy Dissipaters ☐ Level Spreaders ☐ Riprap Aprons ☐ Upslope Diversions ☐ Other_____	Infiltration/Recharge	 ☐ VC ☐ RC ☐ WQ ☐ VC ☐ RC ☐ WQ ☐ VC ☐ RC ☐ WQ ☐ VC ☐ RC ☐ WQ	 _____ _____ _____ _____	 _____ _____ _____ _____

d. Critical PCSM Plan stages

Identify and list critical stages of implementation of the PCSM Plan for which a licensed professional or designee shall be present on site.

1. Following final grading and seeding of the infiltration berm in order to confirm it has been constructed according to the plan details for proper collection, infiltration, and conveyance of runoff. Periodic assessments will need to be made to ensure that accumulated sediment should be cleaned out so the channels and berm maintain necessary design volume.
2. For final inspection of constructed BMPs.
3. At the establishment of hard surface stabilization or 70% vegetation covers to allow removal of E & S controls.

NOTICE OF INTENT (NOI) FOR COVERAGE UNDER THE EROSION AND SEDIMENT CONTROL GENERAL PERMIT (ESCGP-3) FOR EARTH DISTURBANCE ASSOCIATED WITH OIL AND GAS EXPLORATION, PRODUCTION, PROCESSING, OR TREATMENT OPERATIONS OR TRANSMISSION FACILITIES

TABLES IN ADDENDUM OF NOI

SECTION H. POST CONSTRUCTION STORMWATER MANAGEMENT (PLAN) BMPs

Compressor Station 515

b. Summary Table for Supporting Calculation and Measurement Data

(See NOI Instructions for additional guidance with this section)

The remainder of this section (Summary Table for Calculation and Measurement Data) does not need to be completed for areas of projects involving oil and gas activities authorized by Chapter 78 or Chapter 78a (well pads) or pipelines and other similar utility infrastructure which will be restored to meadow in good condition or better or existing conditions.

Watershed Name: Bear Creek

Volume Control design storm frequency 2-year Rainfall amount 3.40 inches	Pre-construction	Post Construction	Net Change
Impervious area (acres)	0.34	2.44	+2.10
Volume of stormwater runoff (acre-feet) without planned stormwater BMPs	0.50	0.81	+0.31
Volume of stormwater runoff (acre-feet) with planned stormwater BMPs	[redacted]	0.18	-0.32
Stormwater discharge rate for the design frequency storm	Pre-construction	Post Construction	Net Change
1) 2-Year/24-Hour	5.46	1.76	-3.70
2) 10-Year/24-Hour	10.19	8.30	-1.89
3) 50-year/24-Hour	16.85	9.55	-7.30
4) 100-year/24-Hour	20.81	9.58	-11.23

c. Summary Description of PCSM/SR BMPs

In the lists below, check the BMPs identified in the PCSM Plan. The primary function(s) of the BMP listed in the functions column (infiltration/recharge; detention/retention; water quality). Additional functions may be added if applicable to that BMP. List the stormwater volume and area of runoff to be treated by each BMP type when calculations are required. If any BMP in the PCSM/SR Plan is not listed below, describe it in the space provided after "Other". A summary table with infiltration testing information (Attachment E, included in the NOI Instructions) must be submitted for all Bio-infiltration BMPs included in PCSM/SR plan.

For Rate control provide the volume of stormwater treated and acres treated for the 100-year/24-hour storm event.

For volume control and water quality provide the volume of stormwater treated and acres treated for the 2-year/24-hour storm event.

Key for BMP purpose(s): VC = Volume Control; RC = Rate Control; and WQ = Water Quality

BMP	Function(s)	Purpose(s)	Volume of stormwater treated	Acres treated
Site Restoration ONLY				
☐ Restore Site to Meadow in Good Condition or Better, or Existing Conditions	Infiltration/Recharge Detention/WQ Treatment	☐ VC ☐ RC ☐ WQ	_____	_____
Bio-infiltration areas	Infiltration/Recharge			
☐ Infiltration Trench		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Infiltration Bed		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Infiltration Basin		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Rain Garden/ Bioretention		☐ VC ☐ RC ☐ WQ	_____	_____
☒ Infiltration Berm		☒ VC ☒ RC ☒ WQ	31,799cf(2-yr); 96,268cf(100-yr)	3.83
Natural Area Conservation	Infiltration/Recharge			
☐ Streamside Buffer Zone		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Wetland Buffer Zone		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Sensitive Area Buffer Zone		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Pre-Construction Drainage Pattern Intact		☐ VC ☐ RC ☐ WQ	_____	_____
Stormwater Retention	Detention/Retention			
☐ Constructed Wetlands		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Wet Ponds		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Retention Basin		☐ VC ☐ RC ☐ WQ	_____	_____
Sediment and Pollutant Removal	Water Quality Treatment			
☐ Vegetated Filter Strips		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Compost Filter Sock		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Detention Basins		☐ VC ☐ RC ☐ WQ	_____	_____
Access Road Design	Infiltration/Recharge			
☐ Road Crowning		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Ditches		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Turnouts		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Culverts		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Roadside Vegetated Filter Strips		☐ VC ☐ RC ☐ WQ	_____	_____

Stormwater Energy Dissipaters	Infiltration/Recharge			
☐ Level Spreaders		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Riprap Aprons		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Upslope Diversions		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Other_____		☐ VC ☐ RC ☐ WQ	_____	_____

d. Critical PCSM Plan stages

Identify and list critical stages of implementation of the PCSM Plan for which a licensed professional or designee shall be present on site.

1. Following final grading and seeding of the collection channels and infiltration berm in order to confirm they have been constructed according to the plan details for proper collection, infiltration, and conveyance of runoff. Periodic assessments will need to be made to ensure that accumulated sediment should be cleaned out so the channels and berm maintain necessary design volume.
2. For final inspection of constructed BMPs.
3. At the establishment of hard surface stabilization or 70% vegetation covers to allow removal of E & S controls.

SECTION I. ANTIDEGRADATION ANALYSIS

This section must be completed where earth disturbance activities will be conducted in the watershed of a surface water with an existing or designated use of exceptional value or high quality pursuant to Chapter 93 (relating to water quality standards), projects where any part is located in an exceptional value wetland in accordance with 25 Pa. Code § 105.17, and projects where any part is located in the watershed of an impaired surface water where the cause of impairment is identified as siltation.

Part 1 - NONDISCHARGE ALTERNATIVES EVALUATION

The applicant must consider and describe any and all non-discharge alternatives for the entire project area which are environmentally sound and will**:**

- Minimize accelerated erosion and sedimentation during the earth disturbance activity
- Achieve no net change from pre-development to post-development volume, rate and concentration of pollutants in water quality

E & S Plan	PCSM/SR Plan
Check off the environmentally sound nondischarge Best Management Practices (BMPs) listed below to be used prior to, during, and after earth disturbance activities that have been incorporated into your E & S Plan based on the site analysis. For non-discharge BMPs not checked, provide an explanation of why they were not utilized. Also for BMPs checked, provide an explanation of why they were utilized. (Provide the analysis and attach additional sheets if necessary) See Section 2 of this ESCGP-3 Application	Check off the environmentally sound nondischarge Best Management Practices (BMPs) listed below to be used after construction that have been incorporated into the PCSM/SR Plan based on your site analysis. For non-discharge BMPs not checked, provide an explanation of why they were not utilized. Also for BMPs checked, provide an explanation of why they were utilized. (Provide the analysis and attach additional sheets if necessary) See Section 3 of this ESCGP-3 Application
Nondischarge BMPs ☐ Alternative Siting ☐ Alternative location ☐ Alternative configuration ☐ Alternative location of discharge ☒ Limited Disturbed Area ☐ Limiting Extent & Duration of Disturbance (Phasing, Sequencing) ☐ Riparian Buffers (150 ft. min.) ☐ Riparian Forest Buffer (150 ft. min.) ☐ Other _____	**Nondischarge BMPs** ☐ Alternative Siting ☐ Alternative location ☐ Alternative configuration ☐ Alternative location of discharge ☐ Low Impact Development (LID / BSD) ☐ Riparian Buffers (150 ft. min.) ☐ Riparian Forest Buffer (150 ft. min.) ☒ Infiltration ☐ Water Reuse ☐ Other _____
Will the non-discharge alternative BMPs eliminate the net change in rate, volume and quality during construction? ☐ Yes ☒ No If yes, antidegradation analysis is complete. If no, proceed to Part 2.	Will the non-discharge alternative BMPs eliminate the net change in rate, volume and quality after construction? ☐ Yes ☒ No If yes, antidegradation analysis is complete. If no, proceed to Part 2.

PART 2 - ANTIDEGRADATION BEST AVAILABLE COMBINATION OF TECHNOLOGIES (ABACT)

If the net change in stormwater discharge from or after construction is not fully managed by nondischarge BMPs, the applicant must utilize ABACT BMPs to manage the difference. The Applicant must specify whether the discharge will occur during construction, post-construction or both, and identify the technologies that will be used to ensure that the discharge will be a non-degrading discharge. ABACT BMPs include but are not limited to:

E & S Plan	PCSM/SR Plan
☒ **Treatment BMPs:** ☐ Sediment basin with skimmer ☐ Sediment basin ratio of 4:1 or greater (flow length to basin width) ☐ Sediment basin with 4-7 day detention ☐ Flocculants ☒ Compost Filter Socks ☒ Compost Filter Sock Sediment Basin ☒ RCE w/ Wash Rack ☒ **Land disposal:** ☐ Vegetated filters ☐ Riparian buffers <150ft. ☐ Riparian Forest Buffer <150ft. ☒ Immediate stabilization ☒ **Pollution prevention:** ☒ PPC Plans ☒ Street sweeping ☒ Channels, collectors and diversions lined with permanent vegetation, rock, geotextile or other non-erosive materials ☐ **Stormwater reuse technologies:** ☐ Sediment basin water for dust control ☐ Sediment basin water for irrigation ☐ **Other** _____	☒ **Treatment BMPs:** ☒ Infiltration Practices ☐ Wet ponds ☐ Created wetland treatment systems ☒ Vegetated swales ☐ Manufactured devices ☒ Bio-retention/infiltration ☐ Green Roofs ☐ **Land disposal:** ☐ Vegetated filters ☐ Riparian Buffers <150ft. ☐ Riparian Forest Buffer <150ft. ☐ Disconnection of roof drainage ☐ Bio-retention/bio-infiltration ☒ **Pollution prevention:** ☐ Street sweeping ☐ Nutrient, pesticide, herbicide or other chemical application plan alternatives ☒ PPC Plans ☒ Non-structural Practices ☒ Restoration BMPs ☐ **Stormwater reuse technologies:** ☐ Divert rainwater into impoundment ☐ Underground storage ☐ Spray/Drip Irrigation ☐ **Other** _____
Are the ABACT BMPs selected sufficient to minimize E&S discharges to the extent that existing or designated surface water uses are protected? ☒ Yes ☐ No If yes, Antidegradation analysis is complete. If no, NOI Application will be returned to the Applicant.	Are the ABACT BMPs selected sufficient to achieve no net change and assure that existing or designated surface water uses are protected? ☒ Yes ☐ No If yes, Antidegradation analysis is complete. If no, NOI Application will be returned to the Applicant.

SECTION J. COMPLIANCE HISTORY REVIEW

Is/was the applicant(s) in violation of any Department regulation, order, schedule of compliance or permit or in violation of any department regulated activities within the past five years?

☒ Yes ☐ No

If yes, provide the permit number or facility name, a brief description of the violation, the compliance schedule (including dates and steps to achieve compliance) and the current compliance status. (Attach additional information on a separate sheet, when necessary)

Permit Program or Activity: Chapter 102, Chapter 105, PAG-10
Permit Number (if applicable):

1. **ESG03000150001, ESG00350150001, ESG00081150001**
2. **E41-649**
3. **E-19-311, E36-947, E-38-195, E40-769,E49-336, E54-360, E58-315, E66-160, E41-667, E18-495,**
4. **PAG109632**

Brief Description of non-compliance:

Consent Assessment of Civil Penalty, Reports past due.

Steps taken to achieve compliance	Date(s) compliance achieved
1. Consent Assessment of Civil Penalty 2. Consent Assessment of Civil Penalty. Permits being obtained to complete channel restoration 3. Consent Assessment of Civil Penalty 4. All past due reports were provided to PADEP	1. 9/20/2020 2. 8/9/2020 3. 9/20/2020 4. 12/14/2017

Current Compliance Status: ☒ In-Compliance ☐ In Non-Compliance

If in non-compliance, attach schedule for achieving compliance.

SECTION K. CERTIFICATION BY PERSON PREPARING E&S AND PCSM/SR PLANS

I do hereby certify to the best of my knowledge, information, and belief, that the Erosion and Sediment Control and PCSM/Site Restoration Plans are true and correct, represent actual field conditions, and are in accordance with the 25 Pa. Code Chapters 78/78a and 102 of the Department's rules and regulations. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment.

Print Name Kevin C. Clark	Signature	Professional Seal
Company BAI Group, LLC		
Address 2525 Green Tech Drive, Suite D, State College, PA-16803		
Phone (814) 238-2060		
Most Recent DEP Training Attended _____	Location _____ Date _____	
e-Mail Address kclark@baigroupllc.com		

EXPEDITED REVIEW PROCESS

In addition to the certification required above, applicants using the expedited permit review process must attach an E&S and PCSM/Site Restoration Plans developed and sealed by a licensed professional engineer, surveyor or professional geologist. The plans shall contain the following certification:

*I do hereby certify to the best of my knowledge, information, and belief, that the E & S Control and PCSM/SR BMPs are true and correct, represent actual field conditions and are in accordance with the 25 Pa. Code Chapters 78 / 78a and 102 of the Department's rules and regulations. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment***.**

SECTION L. APPLICANT CERTIFICATION

Applicant Certification

I certify under penalty of law, as provided by 18 Pa. C.S.A. § 4904, that this application and all related attachments were prepared by me or under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my own knowledge and on inquiry of the person or persons who manage the system or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate and complete. The responsible official's signature also verifies that the activity is eligible to participate in the ESCGP, and that the applicant agrees to abide by the terms and conditions of the permit. BMP's, E&S Plan, PPC Plan, PCSM Plan, and other controls are being or will be, implemented to ensure that water quality standards and effluent limits are attained.

I grant permission to the agencies responsible for the permitting of this work, or their duly authorized representative to enter the project site for inspection purposes. I will abide by the conditions of the permit if issued and will not begin work prior to permit issuance.

(For individuals no indication of title is necessary, choose the box below. All others proceed to the next paragraph)

☐ **Individual; proceed to signature portion.**

I hereby certify under penalty of law, as provided by 18 Pa. C.S.A. § 4904, that I am the person who is responsible for decision-making regarding environmental compliance functions for Transcontinental Gas Pipeline Company, LLC, the manager of one or more manufacturing, production, or operating facilities of the applicant and am authorized to make management decisions which govern the operation of regulated facility including having explicit or implicit duty of making major capital investment recommendations, and initiating and directing other comprehensive measures to assure the applicant's long term environmental compliance with environmental laws and regulations; and I am responsible for ensuring that the necessary systems are established or actions taken to gather complete and accurate information for permit application requirements.

(choose one of the following; not applicable for individuals):

☐ The responsible corporate officer ☐ president ☐ vice president ☐ secretary
☐ treasure of _____ Corporation/Company
Entity name

☒ The ☐ member or ☒ manager of Transcontinental Gas Pipe Line Company, LLC
Entity name

☐ The general partner of _____ partnership/LP/LLP
Entity name

☐ The principal executive officer or ranking elected official of _____ Municipality/State/Federal/other public agency
Entity name

☐ Power of Attorney/delegation of contractual authority (documentation supporting delegation of contracting authority must be provided) for _____
Entity name

_____	_____
Print Name and Title of Applicant	Print Name and Title of Co-Applicant (if applicable)
_____	_____
Signature of Applicant	Signature of Co-Applicant
_____	_____
Date Application Signed	Date Application Signed

Notarization

Sworn to and subscribed to before me this

_____ day of _____, 20_____

_____
Notary Public

AFFIX SEAL

Commonwealth of Pennsylvania

County of _____

My Commission expires _____

SECTION M. ADDITIONAL CONTACT INFORMATION				
Contact's Last Name	First Name	MI	Phone (814) 689-1650	
Nelson	Ryan	J	FAX	
Mailing Address	City		State	ZIP + 4
2525 Green Tech Drive, Suite B	State College		PA	16803
e-Mail Address ryann@whmgroup.com				

Section 1-1.1 NOI Supporting Information

Project Component	Site	Site Location City	ZIP Code	County	Municipality	Total Project Area/Project Site (Acre)	Total Disturbed Area (Acre)	Latitude / Longitude	U.S.G.S. 7.5 min. Topographic Quadrangle	Receiving Waters	Chapter 93, Designated Use Stream Classification	Chapter 93, Existing Use Stream Classification	Siltation Impaired
Regional Energy Lateral	Pipeline			Luzerne	Buck, Bear Creek, Plains, Jenkins, Kingston, Dallas, Wyoming, West Wyoming, Laflin	952.63	420.67 (includes CS 515 and sites below)	41.173337, -75.671706 (eastern terminus) 41.346917, -75.946263 (western terminus)	Kingston, Pittston, Avoca, Wilkes-Barre East, Pleasant View Summit	Stony Run, Shades Creek, Little Shades Creek, Snider Run, Meadow Run, Bear Creek, Little Bear Creek, Mill Creek, Gardner Creek, Susquehanna River, Abrahams Creek, Toby Creek, Trout Brook	MF, HQ-CWF, WWF, CWF	-	No
	CY-LU-001	Wyoming	18644	Luzerne	Wyoming		16.3 (Included within above total)	41.31016, -75.84636		Abrahams Creek	CWF, MF	-	No
	CY-LU-002	Wilkes-Barre	18702	Luzerne	Laflin		11.4 (Included within above total)	41.28491, -75.79026		Gardner Creek	CWF, MF	-	No
	MLV-515RA20	Wilkes-Barre	18702	Luzerne	Bear Creek Township		0.46 (Included within above total)	41.25279, -75.75856		Mill Creek	CWF, MF	-	No
	MLV-515RA30	Wyoming	18644	Luzerne	Wyoming Borough		0.44 (Included within above total)	41.30411, -75.84662		Susquehanna River	WWF		No
	Carverton Tie-in	Wyoming	18644	Luzerne	West Wyoming Borough		3.9 (Included within above total)	41.32053, -75.87270		Abrahams Creek	CWF, MF		No
	Lower Demunds REL Tie-in	Dallas	18612	Luzerne	Dallas Township		1.7 (Included within above total)	41.34652, -75.94551		Trout Brook	CWF, MF		No
	Hildebrandt Tie-in/MLV-515RA40	Dallas	18612	Luzerne	Dallas Township		3.1 (Included within above total)	41.34692, -75.94629		Toby Creek, Trout Brook	CWF, MF		No
	Laflin Borough Stream Stabilization	Wilkes-Barre	18702	Luzerne	Laflin Borough		0.94 (Included within above total)	41.28925, -75.80209		Gardner Creek	CWF, MF	-	No
Effort Loop	Pipeline			Monroe	Ross, Chestnuthill, Tunkhannock	360.63	262.18	40.896796, -75.370606 (Southeast Terminus) 41.053413, -75.526178 (Northwest Terminus)	Blakeslee, Pocono Pines, Brodheadsville, Saylorsburg	Lake Creek, Princess Run, Weir Creek, McMichael Creek, Pohopoco Creek, Sugar Hollow Creek, Poplar Creek, Mud Run, Mud Pond Run, Tunkhannock Creek	EV, MF, HQ-CWF, CWF	EV, MF	No

Project Component	Site	Site Location City	ZIP Code	County	Municipality	Total Project Area/Project Site (Acre)	Total Disturbed Area (Acre)	Latitude / Longitude	U.S.G.S. 7.5 min. Topographic Quadrangle	Receiving Waters	Chapter 93, Designated Use Stream Classification	Chapter 93, Existing Use Stream Classification	Siltation Impaired
	MLV-505LD86 Sugar Hollow Valve Yard	Effort	18330	Monroe	Chestnut Hill Township		8.8 (Included within above total)	40.96775, -75.42980		Sugar Hollow Creek	CWF, MF	-	No
	CY-MO-001	Saylorsburg	18353	Monroe	Ross Township		50.1 (Included within above total)	40.89803, -75.36784		Lake Creek, Princess Run	HQ-CWF, MF, CWF	-	No
Delaware River Regulator		Easton	18040	Northampton	Lower Mt. Bethel	11.28	3.25	40.76220 -75.19653	Bangor, PA	Mud Run	CWF, MF	-	No
Mainline "A" Regulator		Washington Crossing	18977	Bucks	Lower Makefield	0.94	0.530	40.26807, -74.85712	Pennington, NJ-PA	Dyers Creek, Delaware River	MF, WWF	-	No
Compressor Station 200		Frazer	19335	Chester	East Whiteland	20.28	3.16	40.04998, -75.58589	Malvern, PA	Valley Creek	EV, MF, CWF	-	Yes
Compressor Station 515		White Haven	18661	Luzerne	Buck	952.63 (Included with Regional Energy Lateral)	24.83 (included with Regional Energy Lateral)	41.17380, -75.67118	Pleasant View Summit, PA	Shades Creek, Stony Run	HQ-CWF, MF	-	No

COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
BUREAU OF CLEAN WATER

MUNICIPAL NOTIFICATION OF PLANNED LAND DEVELOPMENT FOR CHAPTER 102 PERMITS

PROJECT INFORMATION (COMPLETED BY APPLICANT)

Applicant Name:	**Transcontinental Gas Pipe Line Company, a subsidiary of Williams Partners, L.P.**	Contact Name:	**Joseph Dean** **Manager-Permitting**
Applicant Address:	**2800 Post Oak Blvd, Level 11**	Contact Phone:	**(713) 215-3427**
Applicant City, State, ZIP:	**Houston, TX 77056**	County:	**Luzerne**
		Municipality:	**Bear Creek**
		Project Area:	**257.73** acres ☐ Phased
		Disturbance:	**101.48** acres

Description of Proposed Land Development and Stormwater Controls:

The Regional Energy Lateral component of the Regional Energy Access Expansion Project will consist of approximately 22.2 miles of 30-inch diameter pipeline, partially co-located with existing Transco Leidy Line-A, in Buck, Bear Creek, Plains, Jenkins, Kingston and Dallas Townships, and Laflin, Wyoming, and West Wyoming Boroughs, Luzerne County, Pennsylvania. The Regional Energy Lateral begins at existing Compressor Station 515 in Buck Township and continues westward to its terminus at Transco's existing Hildebrandt Tie-in in Dallas Township. Transco will be installing four mainline valves with appurtenant equipment, as a means to isolate gas flows along the Regional Energy Lateral. The mainline valve sites at each pipeline terminus (MLV515RA10 at Compressor Station 515 and MLV515RA40 at the Hildebrandt Tie-in) will also have pig traps (industry term for manifolds that launch or receive in-line inspection tools). The other two valve sites are proposed along the pipeline route (MLV515RA20 at Milepost 7.5 and MLV515RA30 at Milepost 14.8). Modifications at three existing pipeline interconnects are proposed to tie-in the proposed pipeline to the existing facilities. The Carverton Tie-In is located at Milepost 16.8. The Lower Demunds Tie-In is located at Milepost 22.3 and also includes a +/- 400-ft segment of 20-in pipeline and conduit to connect to the existing facility. The Hildebrandt Tie-In is located at the Regional Energy Lateral pipeline terminus and includes MLV515RA40. Two contractor yards are proposed for the Project and are located adjacent to the pipeline. CY-LU-001 is located at Milepost 15.3 and CY-LU-002 is located at Milepost 10.5. Cathodic protection equipment will be installed along the pipeline route. Deep anode ground beds are proposed at Mileposts 7.5 and 19.8, and one remote anode ground bed is proposed at Milepost 15.3. E&S and PCSM BMP's are proposed within Bear Creek Township, with PCSM controls designed at the MLV515RA20 valve site.

Tax Parcel ID(s) Affected by Proposed Land Development:

See attached table

Surface Waters Receiving Stormwater Discharges:

Bear Creek, Little Bear Creek, Little Shades Creek, Meadow Run, Mill Creek, Shades Creek, Snider Run

Discharge to: ☐ MS4 ☐ Other SS ☐ CSS

The following information was submitted to the municipality for this project:

☐ Land Development / Subdivision Plan ☒ E&S Plan ☒ PCSM Plan ☐ Other:

***On March 31, 2021 Transco submitted to you its E&S and PCSM Plans (Plans) as part of the ESCGP-3 permit application notification. Transco provided an update in July 2021 indicating the Erosion and Sediment Control Permit for Discharges of Stormwater Associated with Construction Activities Application was submitted to the PA Dept. of Environmental Protection to replace the ESCGP-3 application. Transco has updated the application in response to**

the PADEP Technical Deficiencies and is providing the updated materials. Updated drawings, location maps, GIF form and Parcel ID tables are included.

MUNICIPAL PLAN / ORDINANCE INFORMATION (COMPLETED BY MUNICIPALITY)		
1. Is there an adopted municipal or multi-municipal comprehensive plan?	☐ Yes	☐ No
2. Is there an enacted municipal or multi-municipal zoning ordinance?	☐ Yes	☐ No
3. If Yes to #2, is the proposed project consistent with the ordinance?	☐ Yes	☐ No
4. Is there a municipal stormwater management ordinance?	☐ Yes	☐ No
5. If Yes to #4, is the proposed project consistent with the ordinance, without waiver?	☐ Yes	☐ No

6. If Yes to #4, indicate type of ordinance: ☐ Act 167 Model Ordinance ☐ DEP Model Ordinance (MS4s) ☐ Other

APPLICANT CERTIFICATION	MUNICIPAL ACKNOWLEDGEMENT
I certify under penalty of law (see 18 Pa.C.S. § 4904 (relating to unsworn falsification)) that the information reported herein was prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the information, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.	The municipality acknowledges that a permit application for the above-referenced project has been submitted to a reviewing agency and that notification requirements of Act 14 of 1984 and Acts 67, 68, and 127 of 2000 have been satisfied. The information reported herein by the municipality is true and accurate. The municipality reserves the right to comment to the reviewing agency relative to comprehensive plans, zoning, and stormwater ordinance consistency. Municipal acknowledgment of receipt of notification shall not be construed as project approval.

Joseph Dean

Applicant Name

Municipal Representative Name

Applicant Signature

Municipal Representative Signature

Manager - Permitting

Applicant Title

Municipal Representative Title

04/06/2022

Date of Signature

Date of Signature

Proof of Delivery

Dear Customer,

This notice serves as proof of delivery for the shipment listed below.

Tracking Number
1Z8797VV0396618558

Weight
3.00 LBS

Service

UPS Ground

Shipped / Billed On
04/06/2022

Delivered On

04/07/2022 3:14 P.M.

Delivered To
WILKES BARRE, PA, US

Received By

WEIBRECHT

Left At
Dock

Thank you for giving us this opportunity to serve you. Details are only available for shipments delivered within the last 120 days. Please print for your records if you require this information after 120 days.

Sincerely,

UPS

Tracking results provided by UPS: 04/11/2022 11:07 A.M. EST

Transcontinental Gas Pipe Line Company, LLC

Section 1-11 – General Information Form

Regional Energy Access Expansion Project

April 2021
(Added July 2021)
(Revised March 2022)

pennsylvania
DEPARTMENT OF ENVIRONMENTAL PROTECTION

COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION

GENERAL INFORMATION FORM – AUTHORIZATION APPLICATION

Before completing this General Information Form (GIF), read the step-by-step instructions provided in this application package. This form is used by the Department of Environmental Protection (DEP) to inform our programs regarding what other DEP permits or authorizations may be needed for the proposed project or activity. This version of the General Information Form (GIF) must be completed and returned with any program-specific application being submitted to the DEP.

Related ID#s (If Known)				DEP USE ONLY
Client ID#		**APS ID#**		Date Received & General Notes
Site ID#		**Auth ID#**		
Facility ID#				

CLIENT INFORMATION

DEP Client ID#	Client Type / Code	Dun & Bradstreet ID#
163321	LLC	

Legal Organization Name or Registered Fictitious Name	Employer ID# (EIN)	Is the EIN a SSN?
Transcontinental Gas Pipe Line Company, LLC	74-1079400	☐ Yes ☒ NO

State of Incorporation or Registration of Fictious Name

☐ Corporation ☒ LLC ☐ Partnership ☐ LLP ☐ LP
☐ Sole Proprietorship ☐ Association/Organization
☐ Estate/Trust ☐ Other

Individual Last Name	First Name	MI	Suffix

Additional Individual Last Name	First Name	MI	Suffix

Mailing Address Line 1	Mailing Address Line 2
2800 Post Oak Blvd, Level 11	

Address Last Line – City	State	ZIP+4	Country
Houston	TX	77056	United States

Client Contact Last Name	First Name	MI	Suffix
Dean	Joseph		

Client Contact Title	Phone	Ext	Cell Phone
Manager, Permitting	(713) 215-3427		

Email Address	FAX
Joseph.Dean@Williams.com	

SITE INFORMATION

DEP Site ID#	Site Name
	Regional Energy Access Expansion Project

EPA ID# **Estimated Number of Employees to be Present at Site**

Description of Site
The Project is an expansion of an existing natural gas transmission system consisting of pipelines, modification of three existing compressor stations and additional existing ancillary facilities.

Tax Parcel ID(s):

County Name(s)	Municipality(ies)	City	Boro	Twp	State
Luzerne	Buck, Bear Creek, Plains, Jenkins, Kingston, Dallas, Wyoming, West Wyoming, Laflin	☐	☒	☒	PA
Monroe	Ross, Chestnuthill, Tunkhannock	☐	☐	☒	PA
Northampton	Lower Mt. Bethel	☐	☐	☒	PA
Bucks	Lower Makefield	☐	☐	☒	PA
Chester	East Whiteland	☐	☐	☒	PA
		☐	☐	☒	PA
		☐	☒	☐	PA

Site Location Line 1	Site Location Line 2
See Section 1.1 - GIF Supporting Information	

Site Location Last Line – City	State	ZIP+4

Detailed Written Directions to Site
See Secton 1.1 - GIF Supporting Information for locations of all project sites.

Site Contact Last Name	First Name	MI	Suffix
Henry	Josh		

Site Contact Title	Site Contact Firm
Environmental Specialist	Transcontinental Gas Pipe Line Company, LLC.

Mailing Address Line 1	Mailing Address Line 2
2000 Commerce Drive, Park Place 2	

Mailing Address Last Line – City	State	ZIP+4
Pittsburgh	PA	15275

Phone	Ext	FAX	Email Address
(412) 787- 4277			Josh.Henry@Williams.com

NAICS Codes (Two- & Three-Digit Codes – List All That Apply) **6-Digit Code** (Optional)
221

Client to Site Relationship
OWNOP

FACILITY INFORMATION

Modification of Existing Facility	Yes	No
1. **Will this project modify an existing facility, system, or activity?**	☒	☐
2. **Will this project involve an addition to an existing facility, system, or activity?**	☒	☐

If "Yes", check all relevant facility types and provide DEP facility identification numbers below.

	Facility Type	DEP Fac ID#		Facility Type	DEP Fac ID#
☐	Air Emission Plant		☐	Industrial Minerals Mining Operation	
☐	Beneficial Use (water)		☐	Laboratory Location	
☐	Blasting Operation		☐	Land Recycling Cleanup Location	
☐	Captive Hazardous Waste Operation		☐	Mine Drainage Treatment / Land Recycling Project Location	
☐	Coal Ash Beneficial Use Operation		☐	Municipal Waste Operation	
☐	Coal Mining Operation		☐	Oil & Gas Encroachment Location	
☐	Coal Pillar Location		☐	Oil & Gas Location	
☐	Commercial Hazardous Waste Operation		☐	Oil & Gas Water Poll Control Facility	
☐	Dam Location		☐	Public Water Supply System	
☐	Deep Mine Safety Operation -Anthracite		☐	Radiation Facility	
☐	Deep Mine Safety Operation -Bituminous		☐	Residual Waste Operation	
☐	Deep Mine Safety Operation -Ind Minerals		☐	Storage Tank Location	
☐	Encroachment Location (water, wetland)		☐	Water Pollution Control Facility	
☐	Erosion & Sediment Control Facility		☐	Water Resource	
☐	Explosive Storage Location		☒	Other: Natural Gas Transmission	

Latitude/Longitude Point of Origin	Latitude Degrees	Latitude Minutes	Latitude Seconds	Longitude Degrees	Longitude Minutes	Longitude Seconds
See Section 1.1 - GIF Supporting Information						

Horizontal Accuracy Measure	Feet	*--or--*	Meters
Horizontal Reference Datum Code	☐ North American Datum of 1927 ☒ North American Datum of 1983 ☐ World Geodetic System of 1984		
Horizontal Collection Method Code	GISDR		
Reference Point Code	CNTAR		
Altitude	Feet	*--or--*	Meters
Altitude Datum Name	☐ The National Geodetic Vertical Datum of 1929 ☒ The North American Vertical Datum of 1988 (NAVD88)		
Altitude (Vertical) Location Datum Collection Method Code	TOPO		

Geometric Type Code	POINT				
Data Collection Date	2020				
Source Map Scale Number	1	Inch(es)	=	2,000	Feet
--or--		Centimeter(s)	=		Meters

PROJECT INFORMATION

Project Name
Regional Energy Access Expansion Project

Project Description
The Project is an expansion of Transco's existing natural gas transmission system that will enable Transco to provide an incremental 829,400 dekatherms per day (Dth/d) of year-round firm transportation capacity from the Marcellus Shale production area in northeastern Pennsylvania (PA) to multiple delivery points along Transco's Leidy Line in PA, Transco's mainline at the Station 210 Zone 6 Pooling Point in Mercer County, New Jersey (NJ) and multiple delivery points in Transco's Zone 6 in NJ, PA, and Maryland (MD). The Project will consist of the following components:

• Approximately 22.2 miles of 30-inch-diameter pipeline partially collocated with Transco's Leidy Line A from milepost (MP) 0.00 to MP 22.32 in Luzerne County, PA (Regional Energy Lateral);

• Approximately 13.8 miles of 42-inch-diameter pipeline collocated with Transco's Leidy Line System from MP 43.72 to MP 57.50 in Monroe County, PA (Effort Loop);

• New electric motor-driven compressor station identified as Compressor Station 201 with 9,000 nominal horsepower (HP) in Gloucester County, NJ;

• Addition of two gas-fired turbine driven compressor units with 31,800 nominal HP at ISO conditions at existing Compressor Station 505 in Somerset County, NJ, to accommodate the abandonment and replacement of approximately 16,000 HP from eight existing internal combustion engine-driven compressor units and increase the certificated station compression by 15,800 HP;

• Addition of two gas-fired turbine driven compressor units with 63,742 nominal HP at ISO conditions and modification of three existing compressors at existing Compressor Station 515 in Luzerne County, PA to support the Project and to accommodate the abandonment and replacement of approximately 17,000 HP from five existing gas-fired reciprocating engine driven compressors and increase the certificated station compression by 46,742 HP;

• Uprate and rewheel two existing electric motor-driven compressor units at existing Compressor Station 195 in York County, PA to increase the certificated station compression by 6,000 HP and accommodate the abandonment of two existing gas-fired reciprocating engine driven compressors, which total approximately 8,000 HP;

• Modifications at existing Compressor Station 200 in Chester County, PA;

• Uprate one existing electric motor-driven compressor unit at Compressor Station 207 in Middlesex County, NJ to increase the certificated station compression by 4,100 HP;

• Modifications to three (3) existing pipeline tie-ins in PA (Hildebrandt Tie-in, Lower Demunds REL Tie-in, and Carverton Tie-in);

• Addition of regulation controls at an existing valve setting on Transco's Mainline "A" in Bucks County, PA (Mainline A Regulator);

• Modifications at the existing Delaware River Regulator in Northampton County, PA;

• Modifications at the existing Centerville Regulator in Somerset County, NJ;

• Modifications to the existing valves and piping at the Princeton Junction (Station 210 Pooling Point) in Mercer County, NJ;

• Modifications to three (3) existing delivery meter stations in NJ (Camden M&R Station, Lawnside M&R Station, and Mt. Laurel M&R Station);

• Modifications to one (1) existing delivery meter station in MD (Beaver Dam M&R Station);

• Contractual changes (no modifications) at ten (10) existing delivery meter stations in PA and NJ (Algonquin-Centerville Meter Station, Post Road Meter Station, New Village Meter Station, Spruce Run Meter Station, Marcus Hook Meter Station, Ivyland Meter Station, Repaupo Meter Station, Morgan Meter Station, Lower Mud Run Meter Station, and Chesterfield Meter Station);

• Additional ancillary facilities, such as mainline valves (MLVs), cathodic protection, communication facilities, and internal inspection device (e.g., pig) launchers and receivers in PA; and

• Existing, improved, and new access roads and contractor yards/staging areas in PA, NJ, and MD.

In an ongoing effort to reduce its air emissions footprint, Transco is assessing the replacement of vintage gas-fired reciprocating engine driven compressors with more efficient state-of-the-art gas-fired turbine driven compressors. The proposed compression abandonment and replacement scopes at Transco's existing Compressor Station 505 and Compressor Station 515 are part of this effort and have been adopted into the Project scope. Additionally, the uprate and optimization of existing electric motor-driven compression to accommodate abandonment of gas-fired reciprocating engine driven compression at Compressor Station 195 has also been adopted into the Project scope.

The Algonquin-Centerville, Post Road, New Village, Spruce Run, Marcus Hook, Ivyland, Repaupo, Morgan, Lower Mud Run, and Chesterfield Meter Stations can accommodate the contractual changes proposed as part of this Project; therefore, no modifications are proposed at these facilities

Project Consultant Last Name	**First Name**	**MI**	**Suffix**
Nelson	Ryan		

Project Consultant Title	**Consulting Firm**
Senior Project Manager	WHM Consulting, LLC

Mailing Address Line 1	**Mailing Address Line 2**
2525 Green Tech Drive; Suite B	

Address Last Line – City	**State**	**ZIP+4**
State College	PA	16803

Phone	**Ext**	**FAX**	**Email Address**
(814) 689-1650	102		ryann@whmgroup.com

Time Schedules	**Project Milestone (Optional)**
March 2021	Submit 401 WQC
April 2021	Submit Chapter 102 / 105 Permits
2nd Quarter of 2023	Commence Construction
4th Quarter 2024	In-service Date

1. Is the project located in or within a 0.5-mile radius of an Environmental Justice community as defined by DEP? ☒ Yes ☐ No

To determine if the project is located in or within a 0.5-mile radius of an environmental justice community, please use the online Environmental Justice Areas Viewer.

2. Have you informed the surrounding community prior to submitting the application to the Department? ☒ Yes ☐ No

Method of notification:

1) Open house schedule mailed to affected parties;

2) Newspaper advertisements of open houses placed in newspapers of general circulation in the Project area;

3) Open houses (a mixture of virtual and in-person) held in the county of each major project scope item;
4) Newspaper advertisements prior to commencement of construction, which will be placed in those same publications;
5) Notification to businesses potentially affected by construction;
6) Designation of a point of contact for stakeholder communication;
7) A Project toll free telephone number for public inquiries; and
•8) A Project website with periodic updates of relevant information.

3. Have you addressed community concerns that were identified? ☒ Yes ☐ No ☐ N/A

If no, please briefly describe the community concerns that have been expressed and not addressed.

4. Is your project funded by state or federal grants? ☐ Yes ☒ No

Note: If "Yes", specify what aspect of the project is related to the grant and provide the grant source, contact person and grant expiration date.

Aspect of Project Related to Grant
Grant Source: _____
Grant Contact Person: _____
Grant Expiration Date: _____

5. Is this application for an authorization on Appendix A of the Land Use Policy? (For referenced list, see Appendix A of the Land Use Policy attached to GIF instructions) ☒ Yes ☐ No

Note: If "No" to Question 5, the application is not subject to the Land Use Policy.
If "Yes" to Question 5, the application is subject to this policy and the Applicant should answer the additional questions in the **Land Use Information** section.

LAND USE INFORMATION

Note: Applicants should submit copies of local land use approvals or other evidence of compliance with local comprehensive plans and zoning ordinances.

1.	**Is there an adopted county or multi-county comprehensive plan?**	☒	Yes	☐	No
2.	**Is there a county stormwater management plan?**	☒	Yes	☐	No
3.	**Is there an adopted municipal or multi-municipal comprehensive plan?**	☒	Yes	☐	No
4.	**Is there an adopted county-wide zoning ordinance, municipal zoning ordinance or joint municipal zoning ordinance?**	☒	Yes	☐	No
5.	**Does the proposed project meet the provisions of the zoning ordinance or does the proposed project have zoning approval?** If zoning approval has been received, attach documentation.	☒	Yes	☐	No
6.	**Have you attached Municipal and County Land Use Letters for the project?**	☐	Yes	☒	No

Note: If the Applicant answers "No" to either Questions 1, 3 or 4, the provisions of the PA MPC are not applicable and the Applicant does not need to respond to questions 5 and 6 below.
If the Applicant answers "Yes" to questions 1, 3 and 4, the Applicant should respond to questions 5 and 6 below.

* This Project is regulated by the Federal Energy Regulatory Commission (FERC) under the Natural Gas Act. FERC has exclusive jurisdiction over siting of the Project, therefore, local zoning is preempted.

COORDINATION INFORMATION

Note: The PA Historical and Museum Commission must be notified of proposed projects in accordance with DEP Technical Guidance Document 012-0700-001 utilizing the Project Review Form.

If the activity will be a mining project (i.e., mining of coal or industrial minerals, coal refuse disposal and/or the operation of a coal or industrial minerals preparation/processing facility), respond to questions 1.0 through 2.5 below.

If the activity will not be a mining project, skip questions 1.0 through 2.5 and begin with question 3.0.

1.0	**Is this a coal mining project?** If "Yes", respond to 1.1-1.6. If "No", skip to Question 2.0.	☐	Yes	☒	No
1.1	**Will this coal mining project involve coal preparation/ processing activities in which the total amount of coal prepared/processed will be equal to or greater than 200 tons/day?**	☐	Yes	☐	No
1.2	**Will this coal mining project involve coal preparation/ processing activities in which the total amount of coal prepared/processed will be greater than 50,000 tons/year?**	☐	Yes	☐	No
1.3	**Will this coal mining project involve coal preparation/ processing activities in which thermal coal dryers or pneumatic coal cleaners will be used?**	☐	Yes	☐	No
1.4	**For this coal mining project, will sewage treatment facilities be constructed and treated waste water discharged to surface waters?**	☐	Yes	☐	No
1.5	**Will this coal mining project involve the construction of a permanent impoundment meeting one or more of the following criteria: (1) a contributory drainage area exceeding 100 acres; (2) a depth of water measured by the upstream toe of the dam at maximum storage elevation exceeding 15 feet; (3) an impounding capacity at maximum storage elevation exceeding 50 acre-feet?**	☐	Yes	☐	No
1.6	**Will this coal mining project involve underground coal mining to be conducted within 500 feet of an oil or gas well?**	☐	Yes	☐	No
2.0	**Is this a non-coal (industrial minerals) mining project?** If "Yes", respond to 2.1-2.6. If "No", skip to Question 3.0.	☐	Yes	☒	No
2.1	**Will this non-coal (industrial minerals) mining project involve the crushing and screening of non-coal minerals other than sand and gravel?**	☐	Yes	☐	No
2.2	**Will this non-coal (industrial minerals) mining project involve the crushing and/or screening of sand and gravel with the exception of wet sand and gravel operations (screening only) and dry sand and gravel operations with a capacity of less than 150 tons/hour of unconsolidated materials?**	☐	Yes	☐	No
2.3	**Will this non-coal (industrial minerals) mining project involve the construction, operation and/or modification of a portable non-metallic (i.e., non-coal) minerals processing plant under the authority of the General Permit for Portable Non-metallic Mineral Processing Plants (i.e., BAQ-PGPA/GP-3)?**	☐	Yes	☐	No
2.4	**For this non-coal (industrial minerals) mining project, will sewage treatment facilities be constructed and treated waste water discharged to surface waters?**	☐	Yes	☐	No
2.5	**Will this non-coal (industrial minerals) mining project involve the construction of a permanent impoundment meeting one or more of the following criteria: (1) a contributory drainage area exceeding 100 acres; (2) a depth of water measured by the upstream toe of the dam at maximum storage elevation exceeding 15 feet; (3) an impounding capacity at maximum storage elevation exceeding 50 acre-feet?**	☐	Yes	☐	No

3.0	**Will your project, activity, or authorization have anything to do with a well related to oil or gas production, have construction within 200 feet of, affect an oil or gas well, involve the waste from such a well, or string power lines above an oil or gas well?** If "Yes", respond to 3.1-3.3. If "No", skip to Question 4.0.	☐	Yes	☒	No
3.1	**Does the oil- or gas-related project involve any of the following: placement of fill, excavation within or placement of a structure, located in, along, across or projecting into a watercourse, floodway or body of water (including wetlands)?**	☐	Yes	☐	No
3.2	**Will the oil- or gas-related project involve discharge of industrial wastewater or stormwater to a dry swale, surface water, ground water or an existing sanitary sewer system or storm water system?** If "Yes", discuss in *Project Description*.	☐	Yes	☐	No
3.3	**Will the oil- or gas-related project involve the construction and operation of industrial waste treatment facilities?**	☐	Yes	☐	No
4.0	**Will the project involve a construction activity that results in earth disturbance?** If "Yes", specify the total disturbed acreage.	☒	Yes	☐	No
	4.0.1 Total Disturbed Acreage + / - 672				
	4.0.2 Will the project discharge or drain to a special protection water (EV or HQ) or an EV wetland?	☒	Yes	☐	No
	4.0.3 Will the project involve a construction activity that results in earth disturbance in the area of the earth disturbance that are contaminated at levels exceeding residential or non-residential medium-specific concentrations (MSCs) in 25 Pa. Code Chapter 250 at residential or non-residential construction sites, respectively?	☐	Yes	☒	No
5.0	**Does the project involve any of the following: water obstruction and/or encroachment, wetland impacts, or floodplain project by the Commonwealth/political subdivision or public utility?** If "Yes", respond to 5.1-5.7. If "No", skip to Question 6.0.	☒	Yes	☐	No
5.1	**Water Obstruction and Encroachment Projects – Does the project involve any of the following: placement of fill, excavation within or placement of a structure, located in, along, across or projecting into a watercourse, floodway or body of water?**	☒	Yes	☐	No
5.2	**Wetland Impacts – Does the project involve any of the following: placement of fill, excavation within or placement of a structure, located in, along, across or projecting into a wetland?**	☒	Yes	☐	No
5.3	**Floodplain Projects by the Commonwealth, a Political Subdivision of the Commonwealth or a Public Utility – Does the project involve any of the following: placement of fill, excavation within or placement of a structure, located in, along, across or projecting into a floodplain?**	☐	Yes	☒	No
5.4	**Is your project an interstate transmission natural gas pipeline?**	☒	Yes	☐	No
5.5	**Does your project consist of linear construction activities which result in earth disturbance in two or more DEP regions AND three or more counties?**	☒	Yes	☐	No
5.6	**Does your project utilize Floodplain Restoration as a best management practice for Post Construction Stormwater Management?**	☐	Yes	☒	No
5.7	**Does your project utilize Class V Gravity / Injection Wells as a best management practice for Post Construction Stormwater Management?**	☐	Yes	☒	No
6.0	**Will the project involve discharge of construction related stormwater to a dry swale, surface water, ground water or separate storm water system?**	☒	Yes	☐	No

6.1	**Will the project involve discharge of industrial waste stormwater or wastewater from an industrial activity or sewage to a dry swale, surface water, ground water or an existing sanitary sewer system or separate storm water system?**	☒	Yes	☐	No
7.0	**Will the project involve the construction and operation of industrial waste treatment facilities?**	☐	Yes	☒	No
8.0	**Will the project involve construction of sewage treatment facilities, sanitary sewers, or sewage pumping stations?** If "Yes", indicate estimated proposed flow (gal/day). Also, discuss the sanitary sewer pipe sizes and the number of pumping stations/treatment facilities/name of downstream sewage facilities in the *Project Description*, where applicable.	☐	Yes	☒	No
	8.0.1 Estimated Proposed Flow (gal/day)				
9.0	**Will the project involve the subdivision of land, or the generation of 800 gpd or more of sewage on an existing parcel of land or the generation of an additional 400 gpd of sewage on an already-developed parcel, or the generation of 800 gpd or more of industrial wastewater that would be discharged to an existing sanitary sewer system?**	☐	Yes	☒	No
	9.0.1 Was Act 537 sewage facilities planning submitted and approved by DEP? If "Yes" attach the approval letter. Approval required prior to 105/NPDES approval.	☐	Yes	☐	No
10.0	**Is this project for the beneficial use of biosolids for land application within Pennsylvania?** If "Yes" indicate how much (i.e. gallons or dry tons per year).	☐	Yes	☒	No
	10.0.1 Gallons Per Year (residential septage)				
	10.0.2 Dry Tons Per Year (biosolids)				
11.0	**Does the project involve construction, modification or removal of a dam?** If "Yes", identify the dam.	☐	Yes	☒	No
	11.0.1 Dam Name				
12.0	**Will the project interfere with the flow from, or otherwise impact, a dam?** If "Yes", identify the dam.	☐	Yes	☒	No
	12.0.1 Dam Name				
13.0	**Will the project involve operations (excluding during the construction period) that produce air emissions (i.e., NOX, VOC, etc.)?**	☒	Yes	☐	No
	13.0.1 If "Yes", is the operation subject to the agricultural exemption in 35 P.S. § 4004.1?	☐	Yes	☒	No

13.0.2 If the answer to 13.0.1 is "No", identify each type of emission followed by the estimated amount of that emission.

Enter all types & amounts of emissions; separate each set with semicolons.

Summary of Compressor Station 515 Estimated Net Operational Potential to Emit (PTE): NOx - 196.8; CO - 314.40; VOC - 50.6; SO2 - 14.0; PM10/PM2.5 - 30.6; Single HAP (formaldehyde)- 8.7; Total HAP - 12.2; CO2e - 511,413 = Annual (tpy)

Summary of Pipeline and M&R Station Estimated Operational Potential to Emit (PTE): VOC - 1.17; Single HAP - 0.20; Total HAP - 0.20; CO2e - 5460.47 = Annual (tpy)

Modifications to Compressor Station 195 and Compressor Station 200 only include uprating existing electric motor-driven compression capacity or piping and valve modifications; therefore, Transco anticipates these facilities will have insignificant operational emissions.

14.0	**Does the project include the construction or modification of a drinking water supply to serve 15 or more connections or 25 or more people, at least 60 days out of the year?** If "Yes", check all proposed sub-facilities.	☐	Yes	☒	No
	14.0.1 Number of Persons Served _____				
	14.0.2 Number of Employee/Guests _____				
	14.0.3 Number of Connections _____				
	14.0.4 Sub-Fac: Distribution System	☐	Yes	☐	No
	14.0.5 Sub-Fac: Water Treatment Plant	☐	Yes	☐	No
	14.0.6 Sub-Fac: Source	☐	Yes	☐	No
	14.0.7 Sub-Fac: Pump Station	☐	Yes	☐	No
	14.0.8 Sub Fac: Transmission Main	☐	Yes	☐	No
	14.0.9 Sub-Fac: Storage Facility	☐	Yes	☐	No
15.0	**Will your project include infiltration of storm water or waste water to ground water within one-half mile of a public water supply well, spring or infiltration gallery?**	☒	Yes	☐	No
16.0	**Is your project to be served by an existing public water supply?** If "Yes", indicate name of supplier and attach letter from supplier stating that it will serve the project.	☐	Yes	☒	No
	16.0.1 Supplier's Name _____				
	16.0.2 Letter of Approval from Supplier is Attached	☐	Yes	☐	No
17.0	**Will this project be served by on-lot drinking water wells?**	☐	Yes	☒	No
18.0	**Will this project involve a new or increased drinking water withdrawal from a river, stream, spring, lake, well or other water bod(ies)?** If "Yes", reference Safe Drinking Water Program.	☐	Yes	☒	No
	18.0.1 Source Name				
19.0	**Will the construction or operation of this project involve treatment, storage, reuse, or disposal of waste?** If "Yes", indicate what type (i.e., hazardous, municipal (including infectious & chemotherapeutic), residual) and the amount to be treated, stored, re-used or disposed.	☐	Yes	☒	No
	19.0.1 Type & Amount				
20.0	**Will your project involve the removal of coal, minerals, contaminated media, or solid waste as part of any earth disturbance activities?**	☐	Yes	☒	No
21.0	**Does your project involve installation of a field constructed underground storage tank?** If "Yes", list each Substance & its Capacity. **Note:** Applicant may need a Storage Tank Site Specific Installation Permit.	☐	Yes	☒	No
	21.0.1 Enter all substances & capacity of each; separate each set with semicolons.				
22.0	**Does your project involve installation of an aboveground storage tank greater than 21,000 gallons capacity at an existing facility?** If "Yes", list each Substance & its Capacity. **Note:** Applicant may need a Storage Tank Site Specific Installation Permit.	☐	Yes	☒	No
	22.0.1 Enter all substances & capacity of each; separate each set with semicolons.				
23.0	**Does your project involve installation of a tank greater than 1,100 gallons which will contain a highly hazardous substance as defined in DEP's Regulated Substances List, 2570-BK-DEP2724?** If "Yes", list each Substance & its Capacity. **Note:** Applicant may need a Storage Tank Site Specific Installation Permit.	☐	Yes	☒	No
	23.0.1 Enter all substances & capacity of each; separate each set with semicolons.				

24.0	**Does your project involve installation of a storage tank at a new facility with a total AST capacity greater than 21,000 gallons?** If "Yes", list each Substance & its Capacity. **Note:** Applicant may need a Storage Tank Site Specific Installation Permit. **24.0.1 Enter all substances & capacity of each; separate each set with semicolons.**	☐	Yes	☒	No

NOTE: If the project includes the installation of a regulated storage tank system, including diesel emergency generator systems, the project may require the use of a Department Certified Tank Handler. For a full list of regulated storage tanks and substances, please go to www.dep.pa.gov search term storage tanks

25.0	**Will the intended activity involve the use of a radiation source?**	☐	Yes	☒	No

CERTIFICATION

I certify that I have the authority to submit this application on behalf of the applicant named herein and that the information provided in this application is true and correct to the best of my knowledge and information.

For applicants supplying an EIN number: I am applying for a permit or authorization from the Pennsylvania Department of Environmental Protection (DEP). As part of this application, I will provide DEP with an accurate EIN number for the applicant entity. By filing this application with DEP, I hereby authorize DEP to confirm the accuracy of the EIN number provided with the Pennsylvania Department of Revenue. As applicant, I further consent to the Department of Revenue discussing the same with DEP prior to issuance of the Commonwealth permit or authorization.

Type or Print Name Joseph Dean

Signature	Title	Date
	Manager, Permitting	02/24/2022

GIF Supporting Information

Project Component	Site	Site Location City	ZIP Code	Detailed Written Directions to Site	Latitude / Longitude
Effort Loop	Eastern Terminus	Saylorsburg	18353	From 209: heading East – Turn Right onto Frable Rd/T432. Follow for 1.7 miles. Turn Right onto Meixsell Valley Road/T361. Follow for .2 miles then turn left. Destination is in ~340 feet. Heading West-Turn Left onto Rte 115. Follow for 1.1 miles, then turn right onto Meixsell Valley Rd/T361. Continue for 1.4 miles then turn left. Destination is in ~340 feet.	40.896796, -75.370606
	Western Terminus	Long Pond	18334	From I-80: Heading East- Take exit 284 for PA-115 towards Blakeslee. Keep right at the fork, follow signs for Lake Harmony/Brodheadsville and merge on PA-115 S. Follow for 3.2 miles. Turn Left onto Long Pond Road. Destination will be in ~.2 miles. Heading West- Take exit 384 for PA-115 S. Turn left onto PA-115 S. Follow for 3.4 miles. Turn Left onto Long Pond Rd. Destination will be in ~.2 miles.	41.053413, -75.526178
Regional Energy Lateral	Eastern Terminus	White Haven	18661	From I-80: Heading West-Take exit 284 towards Blakeslee. Merge onto PA-115 N. Follow for 8.2 Miles. Turn Right onto Ridgeway Ave. Destination will be in .2 miles. Heading East- Take exit 284 towards Blakeslee. Turn left onto PA-115 N. Follow for 8.4 miles. Turn Right onto Ridgeway Ave. Destination will be in .2 miles. From I-476: Heading South- Take exit 105 to merge onto PA-115 S. Follow PA-115 S for 8.4 miles. Turn left onto Ridgeway Ave. Destination will be in .2 Miles	41.173337, -75.671706
	Western Terminus	Dallas	18612	From PA-309: Heading South-Head South on PA-309 S toward Dallas RV and MHP. Turn Left onto Hildebrandt Rd. Follow for .4 miles then turn right onto Conyngham Ave. Follow for .4 miles. Continue onto Fairground Road. Destination will be to the left in .2 Miles. Heading North-Head North on PA-309 N toward Grandview Ave. Turn right onto Hildebrandt Rd. Follow for .4 miles then turn right onto Conyngham Ave. Follow for .4 miles. Continue onto Fairground Road. Destination will be to the left in .2 Miles.	41.346917, -75.946263
Compressor Station 515		White Haven	18661	Same as REL Eastern Terminus	41.173337, -75.671706
Compressor Station 200		Frazer	19355	From I-76: East Bound- Take exit 312 toward PA-100 S/Pottstown Pike (Toll Rd). Keep left at the fork and follow signs for PA-100 S/Downingtown and merge onto PA-100 S/Pottstown Pike. Follow for 2.5 miles. Turn left onto N. Ship Rd and follow for .6 miles. Turn left onto Valley Hill Rd and follow for 1.7 miles. Turn right onto PA-401 E. Follow for .5 miles then turn right onto Bacton Hill Rd. Destination will be in .5 Miles. Heading West-Take exit 320 toward Melvern Turn left onto PA-29 S. Turn right at the 1st cross street onto Flat Rd. Turn right onto Sidley Road and then in .4 miles, turn left onto Phoenixville Pike. In .9 miles turn right onto PA-401 W and follow for 1 mile. Turn left onto N. Bacton Hill Road. Destination will be on the right in .5 miles.	40.049969, -75.585849
Delaware River Regulator/Lower Mud Run Meter Station		Easton	18040	To Delaware River Regulator- From 22: East Bound- Take the 4th Street/PA-248 Exit toward PA-611. Turn Left onto PA-248 E/Bushkill St. Follow for .4 miles then turn left onto PA-611 N. Keep right to continue on PA-611 N/N Delaware Dr and follow for 5 miles. Turn Left onto Lower Mud Run Rd. Destination will be on the left in .4 miles. To Lower Mud Run Meter Station- Head +/- 200' northwest from the Delaware River Regulator. The site is immediately adjacent to Delaware River Regulator.	40.762166, -75.19644/ 40.762706, -75.197631
Main Line A Regulator		Washington Crossing	18977	From I-295: Take exit 10 toward New Hope. Turn left onto Taylorsville Rd. Continue straight to stay on Taylorsville Rd. In .9 miles turn right onto Mt Eyre Rd. Follow for .2 miles then turn right onto PA-32 S. The destination will be on the right in 407 feet.	40.268063, -74.857125

Transcontinental Gas Pipe Line Company, LLC

Requirement I – Project Location Map

Regional Energy Access Expansion Project –
Regional Energy Lateral and Existing Compressor Station 515

April 2021
(Revised March 2022)

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Proposed Facility Modification/Addition
Existing Compressor Station
Mile Post
Existing Springville Pipeline
Proposed Pipeline
Existing Transco Pipelines
Proposed Limits of Disturbance
Municipal Boundaries

Existing Compressor Station 515 and Proposed MLV-515RA10

Notes:
1. Maps Reduced from USGS 7.5 Minute Quadrangles:
Avoca, Kingston, Pittston, Pleasant View Summit, & Wilkes-Barre East

1 Inch = 2,000 Feet
0 2,000 4,000 Feet

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TRANSCONTINENTAL GAS PIPE LINE COMPANY, LLC

REGIONAL ENERGY ACCESS EXPANSION PROJECT
PROPOSED 30" REGIONAL ENERGY LATERAL

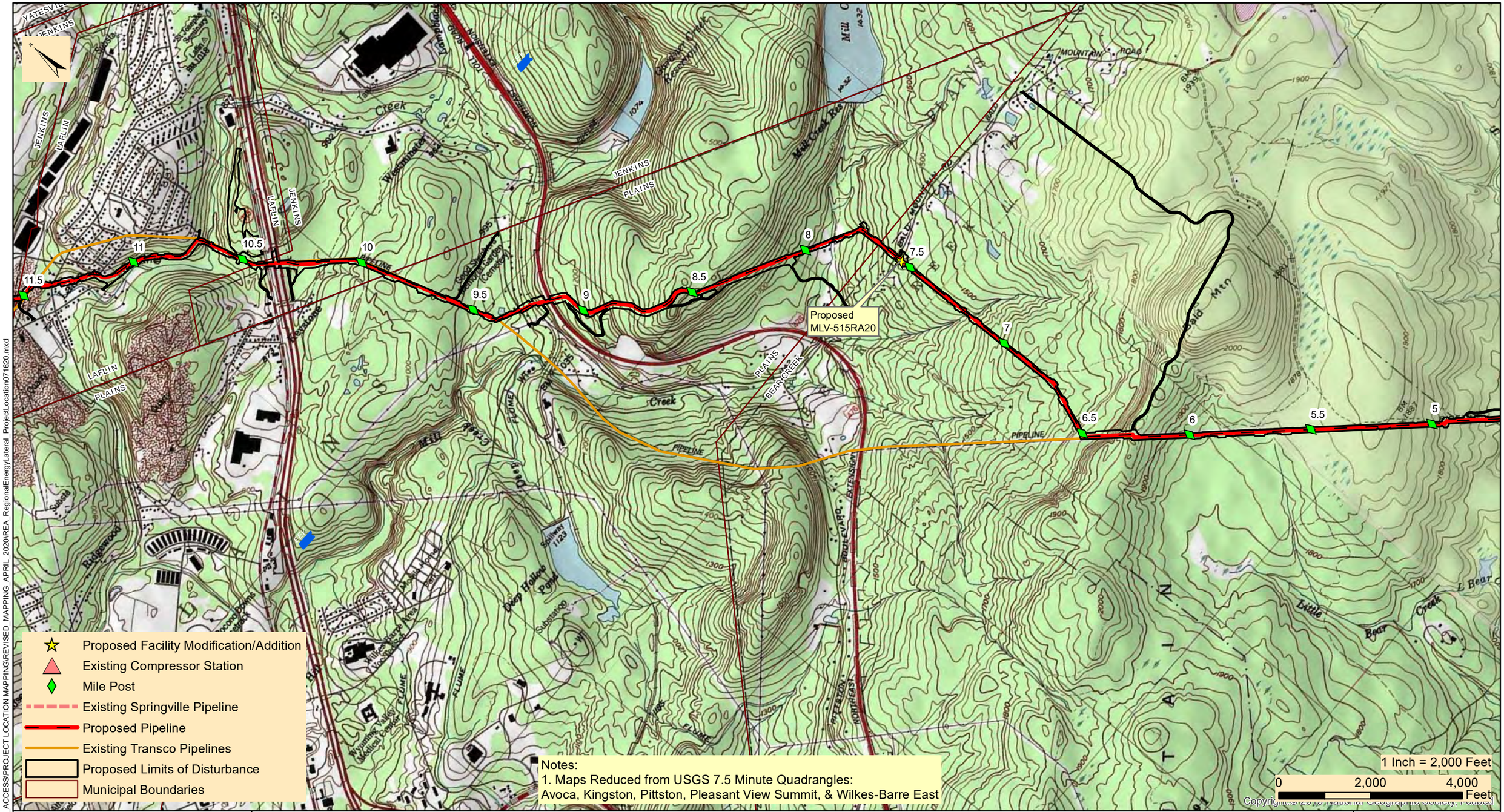
PROJECT LOCATION MAP

BUCK & BEAR CREEK TOWNSHIPS | LUZERNE COUNTY | PENNSYLVANIA

Date: 2/28/2022

Drawn By: FTN

Figure Number: REL-1



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Williams®

TRANSCONTINENTAL GAS PIPE LINE COMPANY, LLC

REGIONAL ENERGY ACCESS EXPANSION PROJECT

PROPOSED 30" REGIONAL ENERGY LATERAL

PROJECT LOCATION MAP

BEAR CREEK, JENKINS, PLAINS TWPS, & LAFLIN BOROUGH | LUZERNE COUNTY | PENNSYLVANIA

Date: 2/28/2022

Drawn By: FTN

Figure Number: REL-2

Carverton Tie-In

Proposed MLV-515RA30

17.5 17 16.5 16 15.5 15 14.5 14 13.5 13 12.5 12 11.5 11 10.5 10

- Proposed Facility Modification/Addition
- Existing Compressor Station
- Mile Post
- Existing Springville Pipeline
- Proposed Pipeline
- Existing Transco Pipelines
- Proposed Limits of Disturbance
- Municipal Boundaries

Notes:
1. Maps Reduced from USGS 7.5 Minute Quadrangles:
Avoca, Kingston, Pittston, Pleasant View Summit, & Wilkes-Barre East

1 Inch = 2,000 Feet
0 2,000 4,000 Feet

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Williams®

TRANSCONTINENTAL GAS PIPE LINE COMPANY, LLC

REGIONAL ENERGY ACCESS EXPANSION PROJECT

PROPOSED 30" REGIONAL ENERGY LATERAL

PROJECT LOCATION MAP

KINGSTON, JENKINS, WEST WYOMING, WYOMING, & LAFLIN | LUZERNE COUNTY | PENNSYLVANIA

Date: 2/28/2022

Drawn By: FTN

Figure Number: REL-3

M:\GIS\PROJECTS\REGIONAL_ENERGY_ACCESS\PROJECT LOCATION MAPPING\REVISED_MAPPING_APRIL_2020\REA_RegionalEnergyLateral_ProjectLocation071620.mxd

20.5
20
21.5
22
19.5
19
17.5
17
16.5

Hildebrandt Tie-in/
MLV-515RA40

Lower Demunds
REL Tie-In

Carverton
Tie-In

Proposed Facility Modification/Addition
Existing Compressor Station
Mile Post
Existing Springville Pipeline
Proposed Pipeline
Existing Transco Pipelines
Proposed Limits of Disturbance
Municipal Boundaries

Notes:
1. Maps Reduced from USGS 7.5 Minute Quadrangles:
Avoca, Kingston, Pittston, Pleasant View Summit, & Wilkes-Barre East

1 Inch = 2,000 Feet
0 2,000 4,000 Feet

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Williams

TRANSCONTINENTAL GAS PIPE LINE COMPANY, LLC

REGIONAL ENERGY ACCESS EXPANSION PROJECT
PROPOSED 30" REGIONAL ENERGY LATERAL

PROJECT LOCATION MAP

DALLAS, KINGSTON, & WEST WYOMING TOWNSHIP | LUZERNE COUNTY | PENNSYLVANIA

Date: 2/28/2022

Drawn By: FTN

Figure Number: REL-4

Tax Account Number / APN	Legal Desc County	Municipality
04H11 00A004000	Luzerne	Bear Creek
04H11 00A006000	Luzerne	Bear Creek
04H11 00A030000	Luzerne	Bear Creek
04H11 00A05C000	Luzerne	Bear Creek
04H11 00A05D000	Luzerne	Bear Creek
04H12 00A004000	Luzerne	Bear Creek
04H12 00A005000	Luzerne	Bear Creek
04H12 00A041000	Luzerne	Bear Creek
04H12 00A05E000	Luzerne	Bear Creek
04H12 00A05F000	Luzerne	Bear Creek
04H12 00A05H000	Luzerne	Bear Creek
04H12 00A05P000	Luzerne	Bear Creek
04H12 00A05T000	Luzerne	Bear Creek
04H12 00A05U000	Luzerne	Bear Creek
04H12 00A05W000	Luzerne	Bear Creek
04H12 00A05Y000	Luzerne	Bear Creek
04H12 00A05Y000	Luzerne	Bear Creek
04H12 00A15E000	Luzerne	Bear Creek
04H12 00A41A000	Luzerne	Bear Creek
04H12 00A55A000	Luzerne	Bear Creek
04H12 00A025000	Luzerne	Bear Creek
04H12 00A026000	Luzerne	Bear Creek
04H12 00A053000	Luzerne	Bear Creek
04H12 00A25B000	Luzerne	Bear Creek
04-H12- 00A-53A-000	Luzerne	Bear Creek
04I12 00A002000	Luzerne	Bear Creek
04I13 00A001000	Luzerne	Bear Creek
04I13 00A001000	Luzerne	Bear Creek
04J13 00A008000	Luzerne	Bear Creek
04J13 00A09A000	Luzerne	Bear Creek
04J13 00A08A000	Luzerne	Bear Creek
04J13S2 001011000	Luzerne	Bear Creek
04J13S2 001012000	Luzerne	Bear Creek
04J13S2 001013000	Luzerne	Bear Creek
04J13S2 00113A000	Luzerne	Bear Creek
04J13S2 002010000	Luzerne	Bear Creek
04J13S2 002011000	Luzerne	Bear Creek
04J13S2 002012000	Luzerne	Bear Creek
04J13S2 002019000	Luzerne	Bear Creek
04J13S2 00219A000	Luzerne	Bear Creek
04J13S3 001002000	Luzerne	Bear Creek
04J13S3 001003000	Luzerne	Bear Creek
04K13 00A20A000	Luzerne	Bear Creek
50G12H1200A007000	Luzerne	Bear Creek

Tax Account Number / APN	Legal Desc County	Municipality
50H12 00A003000	Luzerne	Bear Creek
50H12 00A02F000	Luzerne	Bear Creek
50-H12- 00A-006-000	Luzerne	Bear Creek

COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
BUREAU OF CLEAN WATER

MUNICIPAL NOTIFICATION OF PLANNED LAND DEVELOPMENT FOR CHAPTER 102 PERMITS

PROJECT INFORMATION (COMPLETED BY APPLICANT)

Applicant Name:	**Transcontinental Gas Pipe Line Company, a subsidiary of Williams Partners, L.P.**	Contact Name:	**Joseph Dean** **Manager-Permitting**
Applicant Address:	**2800 Post Oak Blvd, Level 11**	Contact Phone:	**(713) 215-3427**
Applicant City, State, ZIP:	**Houston, TX 77056**	County:	**Luzerne**
		Municipality:	**Buck**
		Project Area:	**106.06** acres ☐ Phased
		Disturbance:	**47.57** acres

Description of Proposed Land Development and Stormwater Controls:

The Regional Energy Lateral component of the Regional Energy Access Expansion Project will consist of approximately 22.3 miles of 30-inch diameter pipeline, partially co-located with existing Transco Leidy Line-A, in Buck, Bear Creek, Plains, Jenkins, Kingston and Dallas Townships, and Laflin, Wyoming, and West Wyoming Boroughs, Luzerne County, Pennsylvania. The Regional Energy Lateral begins at existing Compressor Station 515 in Buck Township and continues westward to its terminus at Transco's existing Hildebrandt Tie-in in Dallas Township. Transco will be installing four mainline valves with appurtenant equipment, as a means to isolate gas flows along the Regional Energy Lateral. The mainline valve sites at each pipeline terminus (MLV515RA10 at Compressor Station 515 and MLV515RA40 at the Hildebrandt Tie-in) will also have pig traps (industry term for manifolds that launch or receive in-line inspection tools). The other two valve sites are proposed along the pipeline route (MLV515RA20 at Milepost 7.5 and MLV515RA30 at Milepost 14.8). Modifications at three existing pipeline interconnects are proposed to tie-in the proposed pipeline to the existing facilities. The Carverton Tie-In is located at Milepost 16.8. The Lower Demunds Tie-In is located at Milepost 22.3 and also includes a +/- 400-ft segment of 20-in pipeline to connect to the existing facility. The Hildebrandt Tie-In is located at the Regional Energy Lateral pipeline terminus and includes MLV515RA40. Two contractor yards are proposed for the Project and are located adjacent to the pipeline. CY-LU-001 is located at Milepost 15.3 and CY-LU-002 is located at Milepost 10.5. Cathodic protection equipment will be installed along the pipeline route. Deep anode ground beds are proposed at Mileposts 7.5 and 19.8, and one remote anode ground bed is proposed at Milepost 15.3.

The existing Compressor Station 515 component of the Project is located at the eastern terminus of the Regional Energy Lateral in Buck Township, Luzerne County. Proposed at this facility is the addition of two gas-fired turbine driven compressor units with 63,742 nominal HP at ISO conditions and modification of three existing compressors to support the Project and to accommodate the abandonment and replacement of approximately 17,000 HP from five existing gas-fired reciprocating engine driven compressors and increase the certificated station compression by 46,742 HP. One Mainline Valve will be installed at this facility (MLV515RA10). E&S and PCSM BMP's are proposed within Buck Township, with PCSM BMP's proposed at Compressor Station 515.

Surface Waters Receiving Stormwater Discharges:

Shades Creek, Stony Run

Tax Parcel ID(s) Affected by Proposed Land Development:

See attached table

Discharge to: ☐ MS4 ☐ Other SS ☐ CSS

The following information was submitted to the municipality for this project:

☐ Land Development / Subdivision Plan ☒ E&S Plan ☒ PCSM Plan ☐ Other:

***On March 31, 2021 Transco submitted to you its E&S and PCSM Plans (Plans) as part of the ESCGP-3 permit application notification. The purpose of this notice is to let you know that Transco will be submitting an Erosion and Sediment Control Permit for Discharges of Stormwater Associated with Construction Activities Application to the PA Dept. of Environmental Protection to replace the ESCGP-3 application. Please refer to the previously submitted Plans.**

MUNICIPAL PLAN / ORDINANCE INFORMATION (COMPLETED BY MUNICIPALITY)		
1. Is there an adopted municipal or multi-municipal comprehensive plan?	☐ Yes	☐ No
2. Is there an enacted municipal or multi-municipal zoning ordinance?	☐ Yes	☐ No
3. If Yes to #2, is the proposed project consistent with the ordinance?	☐ Yes	☐ No
4. Is there a municipal stormwater management ordinance?	☐ Yes	☐ No
5. If Yes to #4, is the proposed project consistent with the ordinance, without waiver?	☐ Yes	☐ No

6. If Yes to #4, indicate type of ordinance: ☐ Act 167 Model Ordinance ☐ DEP Model Ordinance (MS4s) ☐ Other

APPLICANT CERTIFICATION	MUNICIPAL ACKNOWLEDGEMENT
I certify under penalty of law (see 18 Pa.C.S. § 4904 (relating to unsworn falsification)) that the information reported herein was prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the information, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.	The municipality acknowledges that a permit application for the above-referenced project has been submitted to a reviewing agency and that notification requirements of Act 14 of 1984 and Acts 67, 68, and 127 of 2000 have been satisfied. The information reported herein by the municipality is true and accurate. The municipality reserves the right to comment to the reviewing agency relative to comprehensive plans, zoning, and stormwater ordinance consistency. Municipal acknowledgment of receipt of notification shall not be construed as project approval.

Joseph Dean

Applicant Name

Municipal Representative Name

Applicant Signature

Municipal Representative Signature

Manager - Permitting

Applicant Title

Municipal Representative Title

07/01/2021

Date of Signature

Date of Signature

Tax Account Number / APN	Legal Desc County	Municipality
05J14 00AVAR000	Luzerne	Buck
05J14 00AVAR000	Luzerne	Buck
05J14 00AVAR000	Luzerne	Buck
05J14 00AVAR000	Luzerne	Buck
05J14 00AVAR000	Luzerne	Buck
05J14 00AVAR000	Luzerne	Buck
05J14 00AVAR000	Luzerne	Buck
05J14 00AVAR000	Luzerne	Buck
05J14 00AVAR000	Luzerne	Buck
05K13 00A002000	Luzerne	Buck
05K14 00A046000	Luzerne	Buck
05K14 00A050000	Luzerne	Buck
05K14 00A051000	Luzerne	Buck

UNITED STATES POSTAL SERVICE

July 13, 2021

Dear Sue Fox:

The following is in response to your request for proof of delivery on your item with the tracking number: **7020 1290 0001 6919 2944**.

Item Details

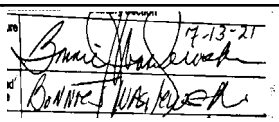
Status:	Delivered, PO Box
Status Date / Time:	July 13, 2021, 9:02 am
Location:	BEAR CREEK, PA 18602
Postal Product:	First-Class Mail®
Extra Services:	Certified Mail™
	Return Receipt Electronic

Shipment Details

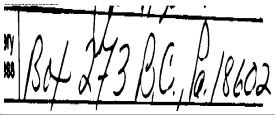
Weight:	1.0oz

Recipient Signature

Signature of Recipient:



Address of Recipient:



Note: Scanned image may reflect a different destination address due to Intended Recipient's delivery instructions on file.

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Sincerely,
United States Postal Service®
475 L'Enfant Plaza SW
Washington, D.C. 20260-0004

March 31, 2021

USPS Overnight Delivery

Buck Township Supervisors
114 Buck Boulevard
PO Box 273
Bear Creek, PA 18602

Re: Regional Energy Access Expansion Project– Regional Energy Lateral and Compressor Station 515
Pennsylvania Acts 14, 67, 68, and 127 Notification
Buck Township, Luzerne County, Pennsylvania

Dear Township Supervisors:

This municipal notice, under the requirements of Act 14, 97 P.S. § 510-5, is to inform you that Transcontinental Gas Pipe Line Company, LLC (Transco), a subsidiary of The Williams Companies, Inc. (Williams) is applying for coverage under the Erosion and Sediment Control General Permit (ESCGP-3) for Earth Disturbance Associated with Oil & Gas Exploration, Production, Processing or Treatment Operations or Transmission Facilities from the Pennsylvania Department of Environmental Protection (DEP).

1) Project Name: Regional Energy Access Expansion Project – Regional Energy Lateral and Compressor Station 515

2) Project Description: Transco, indirectly owned by The Williams Companies, Inc. (Williams), is seeking authorization from the Federal Energy Regulatory Commission (FERC or Commission) under Section 7(c) of the Natural Gas Act and Part 157 of the Commission's regulations, to construct, own, operate, and maintain the proposed Project facilities. The Project is an expansion of Transco's existing natural gas transmission system that will enable Transco to provide an incremental 829,400 dekatherms per day (Dth/d) of year-round firm transportation capacity from the Marcellus Shale production area in northeastern Pennsylvania (PA) to multiple delivery points along Transco's Leidy Line in PA, Transco's mainline at the Station 210 Zone 6 Pooling Point in Mercer County, New Jersey (NJ) and multiple delivery points in Transco's Zone 6 in NJ, PA, and Maryland (MD).

The Regional Energy Lateral component of the Project will consist of approximately 22.3 miles of 30-inch diameter pipeline, partially co-located with existing Transco Leidy Line-A, in Buck, Bear Creek, Plains, Jenkins, Kingston and Dallas Townships, and Laflin, Wyoming, and West Wyoming Boroughs, Luzerne County, Pennsylvania. The Regional Energy Lateral begins at existing Compressor Station 515 in Buck Township and continues westward to its terminus at Transco's existing Hildebrandt Tie-in in Dallas Township. Transco will be installing four mainline valves with appurtenant equipment, as a means to isolate gas flows along the Regional Energy Lateral. The mainline valve sites at each pipeline terminus (MLV515RA10 at Compressor Station 515 and MLV515RA40 at the Hildebrandt Tie-in) will also have pig traps (industry term for manifolds that launch or receive in-line inspection tools). The other two valve sites are proposed along the pipeline route (MLV515RA20 at Milepost 7.5 and MLV515RA30 at Milepost 14.8). Modifications at three existing pipeline interconnects are proposed to tie-in the proposed pipeline to the existing facilities. The Carverton Tie-In is located at Milepost 16.8. The Lower Demunds Tie-In is located at Milepost 22.3 and also includes a +/- 400-ft segment of 20-in pipeline to connect to the existing facility. The Hildebrandt Tie-In is located at the Regional Energy Lateral pipeline terminus and includes MLV515RA40. Two contractor yards are proposed for the Project and are located adjacent to the pipeline. CY-LU-001 is located at Milepost 15.3 and CY-LU-002 is located at Milepost 10.5. Cathodic protection

equipment will be installed along the pipeline route. Deep anode ground beds are proposed at Mileposts 7.5 and 19.8, and one remote anode ground bed is proposed at Milepost 15.3.

The existing Compressor Station 515 component of the Project is located at the eastern terminus of the Regional Energy Lateral in Buck Township, Luzerne County. Proposed at this facility is the addition of two gas-fired turbine driven compressor units with 63,742 nominal HP at ISO conditions and modification of three existing compressors to support the Project and to accommodate the abandonment and replacement of approximately 17,000 HP from five existing gas-fired reciprocating engine driven compressors and increase the certificated station compression by 46,742 HP. One Mainline Valve will be installed at this facility (MLV515RA10).

3) Applicant Name: Transcontinental Gas Pipe Line Company, LLC's (Transco), a subsidiary of Williams Partners L.P. (Williams)

4) Applicant Contact: Joseph Dean
Manager, Permitting
2800 Post Oak Blvd, Level 11
Houston, TX 77056
(713) 215-3427

5) Site Location: The proposed Project is located on the Kingston, Pittston, Wilks-Barre East, Pleasant View Summit, Pennsylvania, 7.5 Minute USGS quadrangle. The Project is partially co-located with an existing pipeline right-of-way. The eastern terminus of the Regional Energy Lateral is located at: 41°10'24.037" 75°40'18.141"W, and is also the location of Compressor Station 515. The western pipeline terminus: 41°20'48.869"N, 75°56'46.642"W.

6) Municipality / County: Buck, Bear Creek, Plains, Jenkins, Kingston, and Dallas Townships, Wyoming, West Wyoming, and Laflin Boroughs, Luzerne County

Act 14, which amended the Commonwealth's Administrative Code (71 P.S. § 510-5), requires every applicant for a new, amended, or revised permit to give written notice to each municipality (borough, township) and county government in which the facility is located. The municipality and county government must receive the written notice at least thirty (30) - days before DEP may issue or deny approval of coverage.

Enclosed is a complete copy of the Notice of Intent (NOI) completed for the project as well as copies of the erosion and sediment control plan and post construction stormwater management plans.

Sincerely,

Ryan J. Nelson, PWS
WHM Consulting, LLC

Enclosures:
NOI Form
Erosion and Sediment Control Plan Drawings
Post Construction Stormwater Management Plan Drawings

Sue Fox

From: auto-reply@usps.com
Sent: Thursday, April 8, 2021 10:54 PM
To: Sue Fox
Subject: USPS® Item Delivered EJ150027803US

UNITED STATES POSTAL SERVICE®

Hello **Sue Fox**,

Your item was delivered at 8:21 am on April 8, 2021 in BEAR CREEK, PA 18602. Waiver of signature was exercised at time of delivery.

Tracking Number: **EJ150027803US**

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Tracking & Delivery Options

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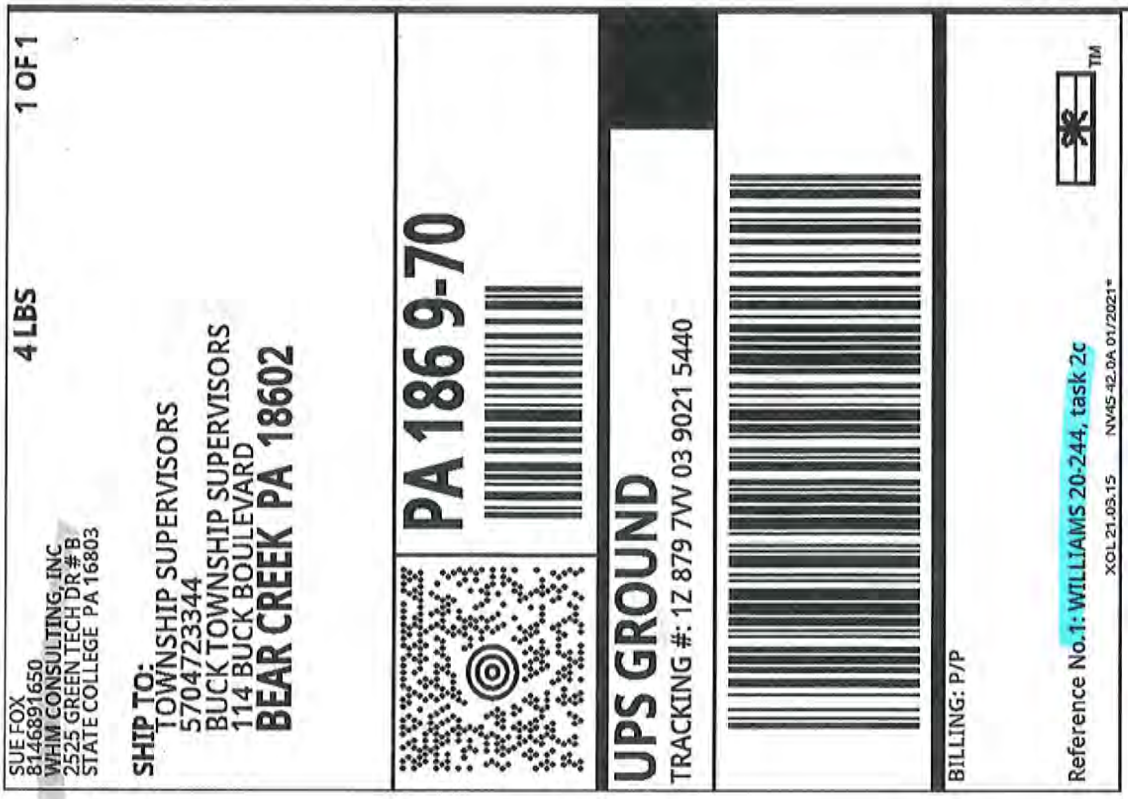

----------Please fold or cut in half----------

SENDER'S RECEIPT

Airbill#: 1Z8797VV0390215440

To(Company):
Buck Township Supervisors
114 Buck Boulevard
BEAR CREEK,PA 18602
United States
Attention To: Township Supervisors

Phone#: 570-472-3344

Sent By: Sue Fox

Phone#: 814-689-1650

Date Printed: 2021-03-31

Ship Date: 2021-03-31

Rate Estimate:	15.31
Protection:	Amount: $
Protection:	Value: $ 0.00 (inclusive of all pkgs)
Description:	
Weight:	4
Dimensions:	x x
Ship Ref1:	WILLIAMS 20-244, task 2c
Ship Ref2:	
Service Level:	Ground
Special Service:	
COD Amount:	
Payment Options:	
Bill Shipment To:	Sender
Bill To Account:	8797VV

UPS Signature (optional)_____ Route_____ Date_____ Time_____

WORLDWIDE EXPRESS For Tracking, please go to www.ups.com or call 1-800-PICK-UPS
Thank you for shipping with UPS Worldwide Express

pennsylvania
DEPARTMENT OF ENVIRONMENTAL PROTECTION

COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
OFFICE OF WATER PROGRAMS
OFFICE OF OIL AND GAS MANAGEMENT

OFFICIAL USE ONLY
ID # T
Date Received
AUTH
SITE
CLNT
APS
Fee
Check No.
Check Date

NOTICE OF INTENT (NOI) FOR COVERAGE UNDER THE EROSION AND SEDIMENT CONTROL GENERAL PERMIT (ESCGP-3) FOR EARTH DISTURBANCE ASSOCIATED WITH OIL AND GAS EXPLORATION, PRODUCTION, PROCESSING, OR TREATMENT OPERATIONS OR TRANSMISSION FACILITIES

READ THE INSTRUCTIONS PROVIDED IN THIS PERMIT APPLICATION PACKAGE BEFORE COMPLETING THIS FORM. PLEASE PRINT OR TYPE INFORMATION IN BLACK OR BLUE INK.

SECTION A. APPLICATION TYPE

Check one:

NEW ☒ **RENEWAL** ☐ **MAJOR MODIFICATIONS (Provide ESCGP number)** ☐

PHASED ☐ (check only if applicable; *note: Most projects are not submitted as phased projects*)

Check one: EXPEDITED ☐ **STANDARD** ☒

If an Expedited Review Process being requested, be advised that the Expedited Review is not available for all projects. Refer to Section D - Expedited Review Process of the ESCGP-3 NOI Instructions to determine if the project is eligible.

SECTION B. CLIENT INFORMATION

Applicant's Last Name (If applicable)	First Name	MI	Telephone No.
Organization Name or Registered Fictitious Name Transcontinental Gas Pipe Line Company, LLC (Contact: Joseph Dean)			Telephone No. (713) 215-3427
DEP Client ID No.			
Headquarters Mailing Address 2800 Post Oak Blvd, Level 11	City Houston	State TX	ZIP Code 77056
Email Address Joseph.Dean@williams.com			
Co-Applicant's Last Name (If applicable)	First Name	MI	Telephone No.
Organization Name or Registered Fictitious Name			Telephone No.

Address	City	State	ZIP Code
Email Address			

SECTION C. SITE INFORMATION			
Is there an existing ESCGP associated with this site? ☐ Yes ☒ No If yes, Permit No. _____			
Has a well permit application been submitted for this site? ☐ Yes ☒ No If yes, Permit No. _____ Does this site have a 911 address? ☐ Yes ☒ No If yes, provide site location address.			
Site Name Regional Energy Access Expansion Project			
Site Location See Attachment 1-1.1- NOI Supporting Information	Site No. (if another permit has been issued for the site)		
Site Location – City See Attachment 1-1.1- NOI Supporting Information		State PA	ZIP Code
Detailed Written Directions to Site See Attachment 1-1.1- NOI Supporting Information for locations of all project sites			

Primary Location	County	Municipality	City	Boro	Twp.
	Luzerne, Northhampton, Bucks, Chester, and Monroe	Buck, Bear Creek, Plains, Jenkins, Kingston, Lower Mt. Bethel, Ross, Chestnut Hill, Tunkhannock, Lower Makefield, East Whiteland and Dallas Townships Wyoming, West Wyoming, and Laflin Boroughs	☐	☒	☒

SECTION D. EXPEDITED REVIEW	
I. Expedited Review Eligibility	
1. Is any part of the project in the watershed of a surface water with an existing or designated use of exceptional value or high quality pursuant to Chapter 93 (relating to water quality standards), in an exceptional value wetland in accordance with 25 Pa. Code § 105.17, or in the watershed of an impaired surface water where the cause of the impairment is identified as siltation?	☒ Yes ☐ No
2. Will the project in which the well pad will be constructed be in or on a floodplain?	☐ Yes ☒ No
3. Is any earth disturbance located or proposed to be located on land known to be contaminated by the release of regulated substances as defined in Section 103 of Act 2, 35 P.S. § 6026.103?	☐ Yes ☒ No
4. Will naturally occurring geologic formations or soil conditions provide hazards to the project or surrounding environment or have the potential to cause or contribute to pollution when disturbed?	☒ Yes ☐ No
5. Do any unresolved non-compliance issues exist with the applicant or the facility?	☐ Yes ☒ No
6. Is the project a transmission project?	☒ Yes ☐ No

If yes to any of the above questions the project is not eligible for Expedited Review; If the project is eligible for Expedited Review, all the following items must be completed.	
II. Expedited Review Process	
1. Is the technically and administratively complete and accurate NOI package prepared and certified by a licensed professional?	☐ Yes ☐ No
2. Are E&S and PCSM/Site Restoration Plan drawings and narrative prepared and sealed by a licensed professional? *(Include interim restoration details when needed)*	☐ Yes ☐ No
3. Include a Resource Delineation Report and answer the following questions: (If the answer to question a. is "Yes" then skip to #4. If the answer to a. is "No" the applicant must answer "Yes" to at least one of the questions, b. through d. to be eligible for expedited review.)	
a. Were all wetland resources delineated during the growing season?	☐ Yes ☐ No
b. If not during the growing season, was a follow-up visit conducted during the growing season to verify/adjust boundaries and look for potentially missed resources?	☐ Yes ☐ No
c. Was a quality assurance field review conducted at a later date by an independent qualified wetland professional to verify boundaries and look for potentially missed resources? (If yes, attach Quality Assurance Field Review Report)	☐ Yes ☐ No
d. Was a Jurisdictional Determination (JD) or Preliminary JD conducted by the US Army Corps of Engineers on the whole project? (If yes, attach Preliminary or Jurisdictional Determination Report)	☐ Yes ☐ No
4. If applicable, have you included PNDI clearance letters or other documentation from applicable resource agencies?	☐ Yes ☐ No
5. If the project site contains, is along, or within 100 feet of a river, stream, creek, lake, pond or reservoir, will you establish new or preserve existing riparian forest buffer at least 100 feet in width between the top of streambank or normal pool elevation of a lake, pond or reservoir and areas of earth disturbances. If no, will a waiver be obtained? ☐ Yes ☐ No	☐ Yes ☐ No
6. Name of Licensed Professional Company	
Address	
Phone	

SECTION E. PROJECT INFORMATION			
1. Total Project Area/Project Site (Ac):	1,346 (Also see Attachment 1-1.1)	Total Disturbed Area (Ac):	689.8 (Also see Attachment 1-1.1)
Increased disturbed acreage *(for permit modification only)*			
Fee: ***(For additional information regarding fees, refer to NOI Instructions #3 Permit NOI Filing Fees.)***			$ $500 (Filing Fee), $69,000 (Disturbed Acre Fee)
2. Project Name: Regional Energy Access Expansion Project			

3. Project Type (Check all that apply)

- ☐ Oil/Gas Well [1]
- ☐ Gathering Facility
- ☐ Treatment Facility
- ☒ Compressor Station
- ☒ Pipeline
- ☐ Storage Field Facility
- ☐ Other
- ☒ Transmission Facility
- ☐ Processing Facility
- ☐ Well Development Impoundment
- ☐ Non-FERC regulated Transmission Facility
- ☐ Ground/Surface Water Withdrawal Site

[1] If Oil/Gas Well; is the well conventional or unconventional? ☐ Conventional ☐ Unconventional

Project Description

Transco, indirectly owned by The Williams Companies, Inc. (Williams), is seeking authorization from the Federal Energy Regulatory Commission (FERC or Commission) under Section 7(c) of the Natural Gas Act and Part 157 of the Commission's regulations, to construct, own, operate, and maintain the proposed Project facilities

The Project is an expansion of Transco's existing natural gas transmission system that will enable Transco to provide an incremental 829,400 dekatherms per day (Dth/d) of year-round firm transportation capacity from the Marcellus Shale production area in northeastern Pennsylvania (PA) to multiple delivery points along Transco's Leidy Line in PA, Transco's mainline at the Station 210 Zone 6 Pooling Point in Mercer County, New Jersey (NJ) and multiple delivery points in Transco's Zone 6 in NJ, PA, and Maryland (MD). The Project will consist of the following components:
•Approximately 22.3 miles of 30-inch-diameter pipeline partially collocated with Transco's Leidy Line A from milepost (MP) 0.00 to MP 22.32 in Luzerne County, PA (Regional Energy Lateral);
• Approximately 13.8 miles of 42-inch-diameter pipeline collocated with Transco's Leidy Line System from MP 43.72 to MP 57.50 in Monroe County, PA (Effort Loop);
• New gas-fired turbine driven compressor station identified as Compressor Station 201 with 11,107 nominal horsepower (HP) at International Organization of Standardization (ISO) conditions in Gloucester County, NJ;
• Addition of two gas-fired turbine driven compressor units with 31,800 nominal HP at ISO conditions at existing Compressor Station 505 in Somerset County, NJ, to accommodate the abandonment and replacement of approximately 16,000 HP from eight existing internal combustion engine-driven compressor units and increase the certificated station compression by 15,800 HP;
• Addition of two gas-fired turbine driven compressor units with 63,742 nominal HP at ISO conditions and modification of three existing compressors at existing Compressor Station 515 in Luzerne County, PA to support the Project and to accommodate the abandonment and replacement of approximately 17,000 HP from five existing gas-fired reciprocating engine driven compressors and increase the certificated station compression by 46,742 HP;
• Uprate and rewheel two existing electric motor-driven compressor units at existing Compressor Station 195 in York County, PA to increase the certificated station compression by 5,000 HP and accommodate the abandonment of two existing gas-fired reciprocating engine driven compressors which total approximately 8,000 HP of compression;
•Modifications at existing Compressor Station 200 in Chester County, PA;
•Uprate one existing electric motor-driven compressor unit at Compressor Station 207 in Middlesex County, NJ to increase the certificated station compression by 4,100 HP;
• Modifications to three (3) existing pipeline tie-ins in PA (Hildebrandt Tie-in, Lower Demunds REL Tie-in, and Carverton Tie-in);
•Addition of regulation controls at an existing valve setting on Transco's Mainline "A" in Bucks County, PA (Mainline A Regulator);
•Modifications at the existing Delaware River Regulator in Northampton County, PA;
•Modifications at the existing Centerville Regulator in Somerset County, NJ;
•Modifications to the existing valves and piping at the Princeton Junction (Station 210 Pooling Point) in Mercer County, NJ;
• Modifications to three (3) existing delivery meter stations in NJ (Camden M&R Station, Lawnside M&R Station, and Mt. Laurel M&R Station);
•Modifications to one (1) existing delivery meter station in MD (Beaver Dam M&R Station);
•Contractual changes (no modifications) at ten (10) existing delivery meter stations in PA and NJ (Algonquin-Centerville Meter Station, Post Road Meter Station, New Village Meter Station, Spruce Run Meter Station, Marcus Hook Meter Station, Ivyland Meter Station, Repaupo Meter Station, Morgan Meter Station, Lower Mud Run Meter Station, and Chesterfield Meter Station);
• Additional ancillary facilities, such as mainline valves (MLVs), cathodic protection, communication facilities, and internal inspection device (e.g., pig) launchers and receivers in PA; and
• Existing, improved, and new access roads and contractor yards/staging areas in PA, NJ, and MD.
Provide the date of pre-application meeting (if conducted with the Department) 04/27/20, 07/09/20, 09/04/20, 09/30/20, 12/15/20, 12/16/20, 01/06/21, 02/05/21

4. Provide the latitude and longitude coordinates for the center of the project. The coordinates should be in Decimal degrees and North American Datum 1983. The coordinates must meet the current DEP policy regarding locational accuracy. For linear projects provide the project's termini. See Attachment 1-1.1

Latitude (DD) . Longitude (DD) - .

Latitude (DD) . Longitude (DD) - .

Horizontal Collection Method: ☐ GPS ☒ Interpolated from U.S.G.S. Topographic Map ☐ DEP's eMAP

5. U.S.G.S. 7.5 min. topographic quadrangle Name (See Attachment 1-1.1)
(*Include a copy of the project area on the 7.5 min quad map)*

6. Will the project be conducted as a phased permit project? ☐ Yes ☒ No
If Yes, Include Master Site Plan Estimated Timetable for Phased Projects. ☐ Additional sheet(s) attached.

Phase No. or Name	Description	Total Area	Disturbed Area	Start Date	End Date

7. List existing and previous land use for a minimum of the previous 5 years. (See Section 2 of this ESCGP-3 Application)

8. Other Pollutants: Will the stormwater discharge contain pollutional substances other than sediment? ☐ Yes ☒ No

9. Will fuels, chemicals, solvents, other hazardous waste or materials be used or stored on site during earth disturbance activities or will Horizontal Directional Drilling (HDD) activities be conducted?
Yes ☒ No ☐ ***(If yes, Preparedness, Prevention and Contingency (PPC) Plan must be maintained on site during earth disturbance. See NOI Instructions, E.9 PPC Plan Guidance for further information.)***

10. Is the project in the watershed of an impaired surface water where the cause of the impairment is identified as siltation?
Yes ☒ No ☐ (See Section 2-5 of this ESCGP-3 Application) ***(If yes, show how the project will not result in a net change in volume, rate or water quality. See section I below, and E.10 of NOI instructions.)***

11. Are there potentially hazardous naturally occurring geological or soil conditions in any portion of the project or surrounding area? Yes ☒ No ☐

If yes, do the potentially hazardous geologic or soil conditions have the potential to cause or contribute to pollution as a result of the proposed earth disturbance activities?

If no, provide an explanation.

If yes, Geologic Hazard Mitigation Plan must be attached and explain where in this application details are provided.

12. Has the Act 14 Municipal Notification and proof of receipt of notification been attached to the NOI?
Yes ☒ No ☐ ***(If not, the NOI is not complete, see E.12 and #4 Municipal Notification in the NOI Instructions for additional guidance.)***

13. Has the PNDI receipt been attached to the NOI?
Yes ☒ No ☐ ***(If not, the NOI is not complete, see E.13 and #5 PNHP in the NOI Instructions for additional guidance.)***

14. Have the E&S Plan and PCSM/SR Plan been planned and designed to be consistent?
Yes ☒ No ☐

15. Have existing and/or proposed Riparian Forest Buffers been identified?
Yes ☒ N/A ☐ ***(If yes, they must be shown on the E&S Plan as well as the PCSM/SR Plans.)***

16. Have antidegradation implementation requirements for special protection waters been addressed?
Yes ☒ No ☐ N/A ☐ ***(If yes, antidegradation requirements must be included in the plan.)***

17. Has the seasonal high groundwater level been identified and 20-inch separation established at all excavation locations for pits for conventional operations and Well Development Impoundments for unconventional operations?

    Yes ☐ No ☐ N/A ☒

18. Receiving Waters	Chapter 93, Designated Use Stream Classification	Chapter 93, Existing Use Stream Classification
Effort Loop- Lake Creek (HQ-CWF,MF) Princess Run (CWF,MF) Weir Creek (CWF,MF) McMichael Creek (EV, MF) and (HQ-CWF) Pohopoco Creek (CWF,MF) Sugar Hollow Creek (CWF,MF) Poplar Creek (EV,CWF,MF) Mud Run (HQ-CWF, MF) Mud Pond Run (HQ-CWF,EV,MF) Tunkhannock Creek (HQ-CWF,MF) Regional Energy Lateral- Stony Run (HQ-CWF,MF) Shades Creek (HQ-CWF,MF) Little Shades Creek (HQ-CWF,MF) Snider Run (HQ-CWF,MF) Meadow Run (HQ-CWF,MF) Bear Creek (HQ-CWF,MF) Little Bear Creek (HQ-CWF,MF) Mill Creek (CWF,MF) Gardner Creek (CWF,MF) Susquehanna River (WWF,MF) Abrahams Creek (CWF,MF) Toby Creek (CWF,MF) Trout Brook (CWF,MF) Compressor Station 515- Shades Creek (HQ-CWF,MF) Stony Run (HQ-CWF,MF) Compressor Station 200- Valley Creek (EV,MF) Delaware River Regulator- Mud Run (CWF, MF) Mainline "A" Regulator - Dyers Creek (WWF,MF) See Attachment 1-1.1 for detailed list.	☒ HQ ☒ EV ☒ Other CWF, MF, WWF ☒ Siltation-impaired	☐ HQ ☒ EV ☒ Other MF ☐ Siltation-impaired
	☐ HQ ☐ EV ☐ Other _____ ☐ Siltation-impaired	☐ HQ ☐ EV ☐ Other _____ ☐ Siltation-impaired

	☐ HQ ☐ EV ☐ Other _____ ☐ Siltation-impaired ☐ HQ ☐ EV ☐ Other _____ ☐ Siltation-impaired	☐ HQ ☐ EV ☐ Other _____ ☐ Siltation-impaired ☐ HQ ☐ EV ☐ Other _____ ☐ Siltation-impaired
Secondary Receiving Water	Secondary Chapter 93, Designated Use	Secondary Existing Use
Name of Municipal or Private Separate Storm Sewer Operator, if applicable.		
Non-Surface Receiving Water: (include off-site discharges)		

SECTION F. EROSION AND SEDIMENT CONTROL (E&S) PLAN

See the attached Instructions for additional guidance with E&S Plans

Erosion and Sediment Control Plan BMPs should be designed to minimize accelerated erosion and sedimentation through limiting the extent and duration of earth disturbance, protection of existing drainage and vegetation, limiting soil compaction and controlling the generation of increased runoff. The Department recommends the use of the *Pennsylvania Erosion & Sedimentation Pollution Control Program Manual (E&S Manual)* (363-2134-008) to achieve this goal. The E&S Plan must meet the requirements of Pa. Code § 102.4(b) and submitted with the NOI. Also, see section 2. of the NOI instruction for detailed information on completing the E&S plan and additional requirements.

a. E&S Plan Summary

Provide a summary of proposed E&S BMPs and their performance to manage E&S for the project.

Typical BMPs provided along the pipeline Right-Of-Way includes waterbars, trench plugs, compost filter socks, compost sediment traps, rock filter outlets, erosion control blankets, rock construction entrances, temporary equipment bridges, timber mats, diversion channels, level spreaders, mulch and seed. An appropraite sediment removal device (filter bag, dewatering structure) and well-vegetated area will be utilized for trench dewatering. In HQ, EV watersheds, appropriate Antidegradation Best Available Combination of Technologies (ABACT) BMPs will be utilized. Additional information regarding all the proposed BMPs are provided in the Erosion and Sedimentation Control and Site Restoration Plans of respective project components (Section 2 of this ESCGP-3 Application).

b. E&S Plan BMP Design

Check those that apply:

☒ E&S Plan is designed using BMPs in the *E&S Manual*.

☐ E&S Plan is designed using an alternative BMP or design standard approved by DEP.

Note: NOI packages submitted with alternate BMPs not approved by the Department will be returned to the Applicant.

c. Do you have any information regarding riparian buffer which differs from Section G, Riparian Buffer?

Yes ☐ No ☒

Explain:

d. Thermal Impacts Analysis

Explain how thermal impacts associated with this project were avoided, minimized, or mitigated.

Thermal impacts associated with Regional Energy Access Expansion Project will be avoided to the maximum extent possible. Minimum permanent changes in land cover are being proposed for constructing the pipeline facilities. Runoff from impervious areas added during the project will be suitably routed to Stormwater BMPs. Gravel will be used for access roads wherever practicable. To avoid thermal impacts arising from clearing and grading, removal of vegetation will be limited to only that necessary for construction and construction Right-Of-Way will be limited to 75 feet in wetlands and floodways where practical. Once construction activities are complete, disturbed areas will be restored to pre-construction contours and seeded as described in Erosion and Sediment Control and Site Restoration Plans. Temporary workspaces will be restored back with woody and herbaceous species. Thermal impacts assessments corresponding to each project component including pipelines and aboveground facilities are given in Section 2 and 3 of this ESCGP-3 Application.

e. Off-Site Discharge Analysis

Does the activity propose any off-site discharges to areas other than surface waters? ☒ Yes ☐ No

If yes, it is the applicant's responsibility to ensure that they have legal authority for any off-site discharge to neighboring properties.

The applicant must provide a demonstration in both E&S and PCSM/SR plans that the discharge will not cause erosion, damage, or a nuisance to off-site properties.

See Offsite Discharge Analysis Sections in E&S Narratives

SECTION G. RIPARIAN BUFFER

1. Will you be protecting, converting or establishing a voluntary riparian forest buffer as part of this project?
   ☐ Yes ☒ No
   If yes, as part of the PCSM/SR Plan, provide a Buffer Management Plan.
2. Will proposed earth disturbance activities be conducted in an EV or HQ watershed AND within 150 feet of a perennial or intermittent river, stream, or creek, or lake, pond, or reservoir? ☒ Yes ☐ No

   If no, proceed to the next section/module.
3. Does this project qualify for an exception (see § 102.14(d)(1))? ☒ Yes ☐ No

   If yes, indicate below the type of project for which the exception applies by marking the appropriate box.

   ☐ Oil and gas activities for which site reclamation or restoration is part of the permit authorization in Chapter 78 and 78a.

   ☒ Road maintenance activities.

   ☐ The repair or maintenance of existing pipelines and utilities.

   ☐ Other (see §102.14(d)(1))

   If exceptions are checked, explain how existing riparian buffer will be undisturbed to the extent practicable. Provide a demonstration that the requirements of §102.14(b) are met, or provide the necessary information to request a riparian buffer waiver.
4. Are you requesting a riparian buffer waiver for this project (see § 102.14(d)(2))? ☒ Yes ☐ No

   If yes, indicate below the type of project for which you are requesting a waiver by marking the appropriate box.

   ☒ Linear project that may include pipelines, public roadways, rail lines, or utility lines.

   ☒ Project is of a temporary nature where the site will be fully restored to its preexisting conditions during the ESCGP permit term.

   ☒ Project where compliance with mandatory riparian buffers is not appropriate or feasible due to site characteristics or existing structures at the project site.

   ☐ Other (see §102.14(d)(2)):

   If waivers are checked, explain how existing riparian buffers will be undisturbed to the extent practicable.

   Note: If “Yes” to #2 **AND** “No” to #3 and #4, provide an attachment to demonstrate how the requirements of §102.14 are met.

SECTION H. POST CONSTRUCTION STORMWATER MANAGEMENT (PCSM) AND/OR SITE RESTORATION(SR) PLAN

See NOI Instructions for additional guidance with PCSM Plans

PCSM/SR BMPs should be designed to use natural measures to eliminate pollution, infiltrate runoff, not require extensive construction/maintenance, promote pollutant reduction, and preserve the integrity of stream channels. All PCSM/SR BMPs proposed in the PCSM/SR Plan must be designed in accordance with Ch. 102, Ch. 78a for unconventional operations, Ch. 78 for conventional operations and the *Pennsylvania Stormwater Best Management Practices Manual (Stormwater BMP Manual)* (363-0300-002). If alternate design criteria are utilized for the proposed project, they must have prior approval by the Department, or the NOI Application will be returned to the Applicant.

After construction is completed, how much of the entire disturbed area will be restored to meadow in good condition or better, or existing conditions? ☐ All ☒ Partial ☐ None

Include PCSM narrative and drawings for remaining impervious area. Also include a map showing the proposed contours of the site restoration plan.

If there are additional stages of the project prior to permit termination or expiration, list the stages and provide the documents required by subsection 'a' to section 'g' for each stage (e.g. partial restoration or changes to the amount of compacted areas, gravel, and/or impervious areas). Upload a narrative for each additional stage in addition to the drawings.

EXAMPLE

Stage No	Stage Name	PCSM Plan	SR Plan
Stage 1		☐	☐
Stage 2		☐	☐
Stage 3		☐	☐
Stage 4		☐	☐

Act 167 Consistency. Check those that apply.

Is there an Act 167 Plan? ☒ Yes ☐ No

☒ The attached PCSM/SR Plan is consistent with an applicable approved Act 167 Plan.

Complete the following for all approved Act 167 Stormwater Management Plans. (Use additional sheets if necessary)

Act 167 Plan Name	Date Adopted	Consistency Letter Included	
Luzerne County Stormwater Management Ordinance	August 18, 2010	Verification Report Included	☒
Valley Creek Watershed Stormwater Management Plan	February 04, 2011		

Note: A consistency letter is not required if a verification report is provided. See NOI Instructions. The PCSM/SR Plan must satisfy either sub paragraph 1, 2, or 3 below. Check those that apply.

1. ☒ Act 167 Plan approvals on or after January 2005 – The attached PCSM/SR Plan, in its entirety, is consistent with all requirements pertaining to rate, volume, and water quality from an Act 167 Stormwater Management Plan approved by DEP on or after January 2005. Box 1 must be checked if a current, DEP approved Act 167 plan exists.

2. ☒ The PCSM/SR Plan meets the standard design criteria from sections 102.8(g)(2) and (3) and the *Stormwater BMP Manual*. For projects involving oil and gas activities authorized by a permit issued under Chapter 78 or Chapter 78a (well pads) or pipelines and other similar utility infrastructure, post construction stormwater management requirements are met for all areas that are restored to preconstruction conditions or to a condition of meadow in good condition or better. *[Note: PCSM plans must meet both the volume and rate requirements in the regulations, which are provided in the 2 sections mentioned in this paragraph].*

3. ☐ Alternative Design Standard – The attached PCSM/SR Plan was developed using approaches as provided in 102.8(g)(2)(iv) and 102.8(g)(3)(iii). Demonstrate/explain in the space provided below how this standard will be either more protective than what is required in 102.8(g)(2) and 102.8(g)(3) or will maintain and protect existing water quality and existing and designated uses.

PCSM/SR BMP Alternative Standards:

Has the alternative BMP or design standard been approved by the Department?

☐ Yes

☐ No – Do not submit the ESCGP-3 application and see Section (H) of the NOI Instructions concerning the alternative BMP approval process.

Water Quality Compliance:

Does the PCSM/SR plan comply with requirements for volume control? ☒ Yes ☐ No

If yes, is at least 90% of the disturbed area controlled by a PCSM BMP? ☒ Yes ☐ No

If yes, do you have the Standard PCSM Worksheet # 10 attached to show water quality compliance has achieved?
☒ Yes ☐ No

If no, attach Standard PCSM Worksheets # 12 and #13 to show water quality compliance has achieved.

If PCSM/SR plan is not complying with the requirements for volume control, attach Standard PCSM Worksheets # 11, # 12 and #13 to show water quality compliance has achieved.

a. PCSM/SR Plan Summary

Provide a summary of proposed BMPs and their performance to manage PCSM/SR for the project.

Along the pipeline Right-Of-Way, typical E&S BMPs such as waterbars and erosion control blanket will be left in place as part of site restoration. After construction activities are completed, temporary workspaces will be restored to meadow in good condition or better than existing conditions. For the aboveground facilities, PCSM BMPs such as infiltration basins, diversion channels and vegetated swales will be used and left in place as part of site restoration. Additional information regarding all the proposed BMPs are provided in the Post-Construction Stormwater Management Plans of respective project components (Section 3 of this ESCGP-3 Application).

Check all that apply ☒ PCSM BMPs ☒ SR BMPs

b. Do you have any information regarding riparian buffer which differs from what was submitted in the Section G, Riparian Buffer?

☐ Yes ☒ No

Explain:

c. Thermal Impacts Analysis

Explain how thermal impacts associated with this project were avoided, minimized, or mitigated.

Runoff collected in PCSM BMPS such as infiltration basins will mitigate thermal impacts from post construction stormwater. Runoff collected in infiltration basins are discharged to receiving waters are not expected to be retained for more than 24 hours. Minimum permanent changes in land cover are being proposed for constructing the pipeline facilities. Gravel will be used for access roads wherever practicable. Removal of trees and riparian vegetation and addition of impervious surfaces will be limited to only that necessary for construction. Once construction activities are complete, disturbed areas will be restored to pre-construction contours and seeded as described in Erosion and Sedimental Control and Site Restoration Plans. Temporary workspaces will be restored back with woody and herbaceous species. Thermal impacts assessments correspoding to each project component including pipelines and aboveground facilities are given in Section 2 and 3 of this ESCGP-3 Application.

d. Off-Site Discharge Analysis.

Does the activity propose any off-site discharges to areas other than surface waters? ☒ Yes ☐ No

If yes, it is the applicant's responsibility to ensure that they have legal authority for any off-site discharge to neighboring properties.

The Applicant must provide a demonstration in both the E&S and PCSM/SR Plans that the discharge will not cause erosion, damage, or a nuisance to off-site properties.

See Offsite Discharge Analysis Sections in PCSM Narratives

NOI Section H. POST CONSTRUCTION STORMWATER MANAGEMENT (PCSM) PLANS

Summary Calculations of Post Construction Stormwater BMPs

1. Regional Energy Lateral Pipeline - MLV-515RA20
2. Regional Energy Lateral Pipeline - MLV-515RA30
3. Regional Energy Lateral Pipeline - Carverton Tie-in
4. Regional Energy Lateral Pipeline - Lower Demunds REL Tie-in
5. Regional Energy Lateral Pipeline – Hildebrandt Tie-in/MLV-515RA40
6. Effort Loop Pipeline - MLV-505LD86
7. Compressor Station 200
8. Compressor Station 515

NOTICE OF INTENT (NOI) FOR COVERAGE UNDER THE EROSION AND SEDIMENT CONTROL GENERAL PERMIT (ESCGP-3) FOR EARTH DISTURBANCE ASSOCIATED WITH OIL AND GAS EXPLORATION, PRODUCTION, PROCESSING, OR TREATMENT OPERATIONS OR TRANSMISSION FACILITIES

TABLES IN ADDENDUM OF NOI

SECTION H. POST CONSTRUCTION STORMWATER MANAGEMENT (PLAN) BMPs

Regional Energy Lateral Pipeline - MLV-515RA20 - Zenker Valve Yard

e. Summary Table for Supporting Calculation and Measurement Data
(See NOI Instructions for additional guidance with this section)

The remainder of this section (Summary Table for Calculation and Measurement Data) does not need to be completed for areas of projects involving oil and gas activities authorized by Chapter 78 or Chapter 78a (well pads) or pipelines and other similar utility infrastructure which will be restored to meadow in good condition or better or existing conditions.

Watershed Name: Mill Creek

Volume Control design storm frequency 2-year Rainfall amount 2.95 inches	Pre-construction	Post Construction	Net Change
Impervious area (acres)	0.00	0.19	+0.19
Volume of stormwater runoff (acre-feet) without planned stormwater BMPs	0.04	0.06	+0.02
Volume of stormwater runoff (acre-feet) with planned stormwater BMPs		0.03	-0.01
Stormwater discharge rate for the design frequency storm	Pre-construction	Post Construction	Net Change
1) 2-Year/24-Hour	3.51	3.22	-0.29
2) 10-Year/24-Hour	6.82	6.17	-0.65
3) 50-year/24-Hour	11.88	11.12	-0.76
4) 100-year/24-Hour	14.91	14.91	-0.00

f. Summary Description of PCSM/SR BMPs

In the lists below, check the BMPs identified in the PCSM Plan. The primary function(s) of the BMP listed in the functions column (infiltration/recharge; detention/retention; water quality). Additional functions may be added if applicable to that BMP. List the stormwater volume and area of runoff to be treated by each BMP type when calculations are required. If any BMP in the PCSM/SR Plan is not listed below, describe it in the space provided after "Other". A summary table with infiltration testing information (Attachment E, included in the NOI Instructions) must be submitted for all Bio-infiltration BMPs included in PCSM/SR plan.

For Rate control provide the volume of stormwater treated and acres treated for the 100-year/24-hour storm event.

For volume control and water quality provide the volume of stormwater treated and acres treated for the 2-year/24-hour storm event.

Key for BMP purpose(s): VC = Volume Control; RC = Rate Control; and WQ = Water Quality

BMP	Function(s)	Purpose(s)	Volume of stormwater treated	Acres treated
Site Restoration ONLY				
☐ Restore Site to Meadow in Good Condition or Better, or Existing Conditions	Infiltration/Recharge Detention/WQ Treatment	☐ VC ☐ RC ☐ WQ	_____	_____
Bio-infiltration areas	Infiltration/Recharge			
☐ Infiltration Trench		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Infiltration Bed		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Infiltration Basin		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Rain Garden/ Bioretention		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Infiltration Berm				
☐ Vegetated Swale		☐ VC ☐ RC ☐ WQ	_____	_____
Natural Area Conservation	Infiltration/Recharge			
☐ Streamside Buffer Zone		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Wetland Buffer Zone		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Sensitive Area Buffer Zone		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Pre-Construction Drainage Pattern Intact		☐ VC ☐ RC ☐ WQ	_____	_____
Stormwater Retention	Detention/Retention			
☐ Constructed Wetlands		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Wet Ponds		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Retention Basin		☐ VC ☐ RC ☐ WQ	_____	_____
Sediment and Pollutant Removal	Water Quality Treatment			
☐ Vegetated Filter Strips		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Compost Filter Sock		☐ VC ☐ RC ☐ WQ	_____	_____
☒ Detention Basins		☒ VC ☒ RC ☒ WQ	1,396cf(2-yr); 6,186cf(100-yr)	0.28
Access Road Design	Infiltration/Recharge			
☐ Road Crowning		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Ditches		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Turnouts		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Culverts		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Roadside Vegetated Filter Strips		☐ VC ☐ RC ☐ WQ	_____	_____

Stormwater Energy Dissipaters	Infiltration/Recharge			
☐ Level Spreaders		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Riprap Aprons		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Upslope Diversions		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Other_____		☐ VC ☐ RC ☐ WQ	_____	_____

g. Critical PCSM Plan stages

Identify and list critical stages of implementation of the PCSM Plan for which a licensed professional or designee shall be present on site.

1. Upon commencement of construction activities to ascertain the Dry Extended Detention Basin area has been flagged and fence erected to prevent access to the area.

2. At completion of Diversion Channels to ensure they have been constructed to the proposed lines and grades, the specified lining materials have been installed in accordance with the requirements of the plans and specifications, and if applicable, vegetation has been established.

3. At the beginning of construction of the Dry Extended Detention Basin to ensure the infiltration area has not been compacted by construction activities.

4. During construction of the Dry Extended Detention Basin the licensed professional will observe that the BMP is constructed in accordance with the plans and specifications.

5. At completion of Collection Channel C1 to ensure it has been constructed to the proposed line and grade, the specified lining material has been installed in accordance with the requirements of the plans and specifications, and if applicable, vegetation has been established.

6. Following installation of the Valve Yard Pad subgrade to ensure stormwater flow is directed to Collection Channel C1.

7. For final inspection of constructed BMPs.

8. At the establishment of hard surface stabilization or 70% vegetation covers to allow removal of E&S controls.

NOTICE OF INTENT (NOI) FOR COVERAGE UNDER THE EROSION AND SEDIMENT CONTROL GENERAL PERMIT (ESCGP-3) FOR EARTH DISTURBANCE ASSOCIATED WITH OIL AND GAS EXPLORATION, PRODUCTION, PROCESSING, OR TREATMENT OPERATIONS OR TRANSMISSION FACILITIES

TABLES IN ADDENDUM OF NOI

SECTION H. POST CONSTRUCTION STORMWATER MANAGEMENT (PLAN) BMPs

Regional Energy Lateral Pipeline - MLV-515RA30 - Wyoming Valve Yard

b. Summary Table for Supporting Calculation and Measurement Data

(See NOI Instructions for additional guidance with this section)

The remainder of this section (Summary Table for Calculation and Measurement Data) does not need to be completed for areas of projects involving oil and gas activities authorized by Chapter 78 or Chapter 78a (well pads) or pipelines and other similar utility infrastructure which will be restored to meadow in good condition or better or existing conditions.

Watershed Name: Susquehanna-Solomon Creek

Volume Control design storm frequency 2-year Rainfall amount 2.57 inches	Pre-construction	Post Construction	Net Change
Impervious area (acres)	0.00	0.24	+0.24
Volume of stormwater runoff (acre-feet) without planned stormwater BMPs	0.03	0.06	+0.03
Volume of stormwater runoff (acre-feet) with planned stormwater BMPs	[redacted]	0.03	-0.00
Stormwater discharge rate for the design frequency storm	Pre-construction	Post Construction	Net Change
1) 2-Year/24-Hour	0.22	0.02	-0.20
2) 10-Year/24-Hour	0.68	0.03	-0.65
3) 50-year/24-Hour	1.52	0.06	-1.46
4) 100-year/24-Hour	2.06	0.07	-1.99

c. Summary Description of PCSM/SR BMPs

In the lists below, check the BMPs identified in the PCSM Plan. The primary function(s) of the BMP listed in the functions column (infiltration/recharge; detention/retention; water quality). Additional functions may be added if applicable to that BMP. List the stormwater volume and area of runoff to be treated by each BMP type when calculations are required. If any BMP in the PCSM/SR Plan is not listed below, describe it in the space provided after "Other". A summary table with infiltration testing information (Attachment E, included in the NOI Instructions) must be submitted for all Bio-infiltration BMPs included in PCSM/SR plan.

For Rate control provide the volume of stormwater treated and acres treated for the 100-year/24-hour storm event.

For volume control and water quality provide the volume of stormwater treated and acres treated for the 2-year/24-hour storm event.

Key for BMP purpose(s): VC = Volume Control; RC = Rate Control; and WQ = Water Quality

BMP	Function(s)	Purpose(s)	Volume of stormwater treated	Acres treated
Site Restoration ONLY				
☐ Restore Site to Meadow in Good Condition or Better, or Existing Conditions	Infiltration/Recharge Detention/WQ Treatment	☐ VC ☐ RC ☐ WQ	_____	_____
Bio-infiltration areas	Infiltration/Recharge			
☐ Infiltration Trench		☐ VC ☐ RC ☐ WQ	_____	_____
☒ Infiltration Bed		☒ VC ☒ RC ☒ WQ	451cf(2-yr); 2,511cf(100-yr)	0.21
☐ Infiltration Basin		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Rain Garden/ Bioretention		☐ VC ☐ RC ☐ WQ	_____	
☐ Infiltration Berm		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Soil Amendment		☐ VC ☐ RC ☐ WQ	_____	_____
Natural Area Conservation	Infiltration/Recharge			
☐ Streamside Buffer Zone		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Wetland Buffer Zone		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Sensitive Area Buffer Zone		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Pre-Construction Drainage Pattern Intact		☐ VC ☐ RC ☐ WQ	_____	_____
Stormwater Retention	Detention/Retention			
☐ Constructed Wetlands		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Wet Ponds		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Retention Basin		☐ VC ☐ RC ☐ WQ	_____	_____
Sediment and Pollutant Removal	Water Quality Treatment			
☐ Vegetated Filter Strips		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Compost Filter Sock		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Detention Basins		☐ VC ☐ RC ☐ WQ	_____	_____
Access Road Design	Infiltration/Recharge			
☐ Road Crowning		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Ditches		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Turnouts		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Culverts		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Roadside Vegetated Filter Strips		☐ VC ☐ RC ☐ WQ	_____	_____

Stormwater Energy Dissipaters ☐ Level Spreaders ☐ Riprap Aprons ☐ Upslope Diversions ☒ OtherVegetated Swale	Infiltration/Recharge	☐ VC ☐ RC ☐ WQ ☐ VC ☐ RC ☐ WQ ☐ VC ☐ RC ☐ WQ ☒ VC ☒ RC ☒ WQ	_____ _____ _____ 1,009cf(2-yr); 4,264cf(100-yr)	_____ _____ _____ 0.49

d. Critical PCSM Plan stages

Identify and list critical stages of implementation of the PCSM Plan for which a licensed professional or designee shall be present on site.

1. Upon commencement of construction activities to ascertain the Vegetated Swale area has been flagged and fence erected to prevent access to the area.
2. At the beginning of construction of the Vegetated Swale to ensure the infiltration area has not been compacted by construction activities.
3. During construction of the Vegetated Swale the licensed professional will observe that the BMP is constructed in accordance with the plans and specifications.
4. At completion of Collection Channel C1 to ensure it has been constructed to the proposed line and grade, the specified lining material has been installed in accordance with the requirements of the plans and specifications, and if applicable, vegetation has been established.
5. Following installation of the Valve Yard Pad subgrade to ensure stormwater flow is directed to the infiltration berm.
6. For final inspection of constructed BMPs.
7. At the establishment of hard surface stabilization or 70% vegetation covers to allow removal of E&S controls.

NOTICE OF INTENT (NOI) FOR COVERAGE UNDER THE EROSION AND SEDIMENT CONTROL GENERAL PERMIT (ESCGP-3) FOR EARTH DISTURBANCE ASSOCIATED WITH OIL AND GAS EXPLORATION, PRODUCTION, PROCESSING, OR TREATMENT OPERATIONS OR TRANSMISSION FACILITIES

TABLES IN ADDENDUM OF NOI

SECTION H. POST CONSTRUCTION STORMWATER MANAGEMENT (PLAN) BMPs

Regional Energy Lateral Pipeline - Carverton Tie-In

b. Summary Table for Supporting Calculation and Measurement Data

(See NOI Instructions for additional guidance with this section)

The remainder of this section (Summary Table for Calculation and Measurement Data) does not need to be completed for areas of projects involving oil and gas activities authorized by Chapter 78 or Chapter 78a (well pads) or pipelines and other similar utility infrastructure which will be restored to meadow in good condition or better or existing conditions.

Watershed Name: Abrahams Creek

Volume Control design storm frequency 2-year Rainfall amount 2.61 inches	Pre-construction	Post Construction	Net Change
Impervious area (acres)	0.03	0.11	+0.08
Volume of stormwater runoff (acre-feet) without planned stormwater BMPs	0.02	0.03	+0.01
Volume of stormwater runoff (acre-feet) with planned stormwater BMPs	[redacted]	0.00	-0.02
Stormwater discharge rate for the design frequency storm	Pre-construction	Post Construction	Net Change
1) 2-Year/24-Hour	0.46	0.00	-0.46
2) 10-Year/24-Hour	0.91	0.00	-0.91
3) 50-year/24-Hour	1.61	0.00	-1.61
4) 100-year/24-Hour	2.01	0.00	-2.01

c. Summary Description of PCSM/SR BMPs

In the lists below, check the BMPs identified in the PCSM Plan. The primary function(s) of the BMP listed in the functions column (infiltration/recharge; detention/retention; water quality). Additional functions may be added if applicable to that BMP. List the stormwater volume and area of runoff to be treated by each BMP type when calculations are required. If any BMP in the PCSM/SR Plan is not listed below, describe it in the space provided after "Other". A summary table with infiltration testing information (Attachment E, included in the NOI Instructions) must be submitted for all Bio-infiltration BMPs included in PCSM/SR plan.

For Rate control provide the volume of stormwater treated and acres treated for the 100-year/24-hour storm event.

For volume control and water quality provide the volume of stormwater treated and acres treated for the 2-year/24-hour storm event.

Key for BMP purpose(s): VC = Volume Control; RC = Rate Control; and WQ = Water Quality

BMP	Function(s)	Purpose(s)	Volume of stormwater treated	Acres treated
Site Restoration ONLY				
☐ Restore Site to Meadow in Good Condition or Better, or Existing Conditions	Infiltration/Recharge Detention/WQ Treatment	☐ VC ☐ RC ☐ WQ	_____	_____
Bio-infiltration areas	Infiltration/Recharge			
☐ Infiltration Trench		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Infiltration Bed		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Infiltration Basin		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Rain Garden/ Bioretention		☐ VC ☐ RC ☐ WQ	_____	
☒ Infiltration Berm		☒ VC ☒ RC ☒ WQ	1,280cf (2-yr); 4,445cf(100-yr)	0.26
Natural Area Conservation	Infiltration/Recharge			
☐ Streamside Buffer Zone		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Wetland Buffer Zone		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Sensitive Area Buffer Zone		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Pre-Construction Drainage Pattern Intact		☐ VC ☐ RC ☐ WQ	_____	_____
Stormwater Retention	Detention/Retention			
☐ Constructed Wetlands		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Wet Ponds		☒ VC ☒ RC ☒ WQ	_____	_____
☐ Retention Basin		☐ VC ☐ RC ☐ WQ	_____	_____
Sediment and Pollutant Removal	Water Quality Treatment			
☐ Vegetated Filter Strips		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Compost Filter Sock		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Detention Basins		☐ VC ☐ RC ☐ WQ	_____	_____
Access Road Design	Infiltration/Recharge			
☐ Road Crowning		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Ditches		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Turnouts		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Culverts		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Roadside Vegetated Filter Strips		☐ VC ☐ RC ☐ WQ	_____	_____

Stormwater Energy Dissipaters	Infiltration/Recharge			
☐ Level Spreaders		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Riprap Aprons		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Upslope Diversions		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Other_____		☐ VC ☐ RC ☐ WQ	_____	_____

d. Critical PCSM Plan stages

Identify and list critical stages of implementation of the PCSM Plan for which a licensed professional or designee shall be present on site.

1. At the beginning of construction to ascertain the Infiltration Berm area has been flagged and fence erected to prevent access to the area.
2. Following installation of the Valve Yard Pad subgrade to ensure stormwater flow is directed to the infiltration berm.
3. At the beginning of construction of the Infiltration Berm to ensure the infiltration area has not been compacted by construction activities.
4. During construction of the infiltration berm the licensed professional will observe that the berm is constructed in accordance with the plans and specifications.
5. For final inspection of constructed BMPs.
6. At the establishment of hard surface stabilization or 70% vegetation covers to allow removal of E&S controls.

NOTICE OF INTENT (NOI) FOR COVERAGE UNDER THE EROSION AND SEDIMENT CONTROL GENERAL PERMIT (ESCGP-3) FOR EARTH DISTURBANCE ASSOCIATED WITH OIL AND GAS EXPLORATION, PRODUCTION, PROCESSING, OR TREATMENT OPERATIONS OR TRANSMISSION FACILITIES

TABLES IN ADDENDUM OF NOI

SECTION H. POST CONSTRUCTION STORMWATER MANAGEMENT (PLAN) BMPs

Regional Energy Lateral Pipeline - Lower Demunds REL Tie-In

b. Summary Table for Supporting Calculation and Measurement Data

(See NOI Instructions for additional guidance with this section)

The remainder of this section (Summary Table for Calculation and Measurement Data) does not need to be completed for areas of projects involving oil and gas activities authorized by Chapter 78 or Chapter 78a (well pads) or pipelines and other similar utility infrastructure which will be restored to meadow in good condition or better or existing conditions.

Watershed Name: Toby Creek

Volume Control design storm frequency 2-year Rainfall amount 3.40 inches	Pre-construction	Post Construction	Net Change
Impervious area (acres)	0.00	0.12	+0.12
Volume of stormwater runoff (acre-feet) without planned stormwater BMPs	0.02	0.04	+0.02
Volume of stormwater runoff (acre-feet) with planned stormwater BMPs		0.01	-0.01
Stormwater discharge rate for the design frequency storm	Pre-construction	Post Construction	Net Change
1) 2-Year/24-Hour	0.20	0.00	-0.20
2) 10-Year/24-Hour	0.40	0.00	-0.40
3) 50-year/24-Hour	0.71	0.20	-0.51
4) 100-year/24-Hour	0.89	0.51	-0.38

c. Summary Description of PCSM/SR BMPs

In the lists below, check the BMPs identified in the PCSM Plan. The primary function(s) of the BMP listed in the functions column (infiltration/recharge; detention/retention; water quality). Additional functions may be added if applicable to that BMP. List the stormwater volume and area of runoff to be treated by each BMP type when calculations are required. If any BMP in the PCSM/SR Plan is not listed below, describe it in the space provided after "Other". A summary table with infiltration testing information (Attachment E, included in the NOI Instructions) must be submitted for all Bio-infiltration BMPs included in PCSM/SR plan.

For Rate control provide the volume of stormwater treated and acres treated for the 100-year/24-hour storm event.

For volume control and water quality provide the volume of stormwater treated and acres treated for the 2-year/24-hour storm event.

Key for BMP purpose(s): VC = Volume Control; RC = Rate Control; and WQ = Water Quality

BMP	Function(s)	Purpose(s)	Volume of stormwater treated	Acres treated
Site Restoration ONLY				
☐ Restore Site to Meadow in Good Condition or Better, or Existing Conditions	Infiltration/Recharge Detention/WQ Treatment	☐ VC ☐ RC ☐ WQ	_____	_____
Bio-infiltration areas	Infiltration/Recharge			
☐ Infiltration Trench		☐ VC ☐ RC ☐ WQ	_____	_____
☒ Infiltration Bed		☒ VC ☒ RC ☒ WQ	1,481cf(2-yr); 4,356cf(100-yr)	0.17
☐ Infiltration Basin		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Rain Garden/ Bioretention		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Infiltration Berm		☐ VC ☐ RC ☐ WQ	_____	_____
Natural Area Conservation	Infiltration/Recharge			
☐ Streamside Buffer Zone		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Wetland Buffer Zone		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Sensitive Area Buffer Zone		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Pre-Construction Drainage Pattern Intact		☐ VC ☐ RC ☐ WQ	_____	_____
Stormwater Retention	Detention/Retention			
☐ Constructed Wetlands		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Wet Ponds		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Retention Basin		☐ VC ☐ RC ☐ WQ	_____	_____
Sediment and Pollutant Removal	Water Quality Treatment			
☐ Vegetated Filter Strips		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Compost Filter Sock		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Detention Basins		☐ VC ☐ RC ☐ WQ	_____	_____
Access Road Design	Infiltration/Recharge			
☐ Road Crowning		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Ditches		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Turnouts		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Culverts		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Roadside Vegetated Filter Strips		☐ VC ☐ RC ☐ WQ	_____	_____

Stormwater Energy Dissipaters ☐ Level Spreaders ☐ Riprap Aprons ☐ Upslope Diversions ☐ Other_____	Infiltration/Recharge	 ☐ VC ☐ RC ☐ WQ ☐ VC ☐ RC ☐ WQ ☐ VC ☐ RC ☐ WQ ☐ VC ☐ RC ☐ WQ	 _____ _____ _____ _____	 _____ _____ _____ _____

d. Critical PCSM Plan stages

Identify and list critical stages of implementation of the PCSM Plan for which a licensed professional or designee shall be present on site.

1. Upon commencement of construction activities to ascertain the Valve Yard Pad area has been flagged and fence erected to prevent access to the area.
2. At completion of Diversion Berm/Channel to ensure it has been constructed to the proposed lines and grades, the specified lining materials have been installed in accordance with the requirements of the plans and specifications, and if applicable, vegetation has been established.
3. At the beginning of construction of the Valve Yard Pad to ensure the infiltration area has not been compacted by construction activities.
4. During construction of the Valve Yard Pad the licensed professional will observe that the BMP is constructed in accordance with the plans and specifications.
5. Following installation of the Valve Yard Pad subgrade to ensure stormwater flow is directed to the outlet structure.
6. For final inspection of constructed BMPs.
7. At the establishment of hard surface stabilization or 70% vegetation covers to allow removal of E&S controls.

NOTICE OF INTENT (NOI) FOR COVERAGE UNDER THE EROSION AND SEDIMENT CONTROL GENERAL PERMIT (ESCGP-3) FOR EARTH DISTURBANCE ASSOCIATED WITH OIL AND GAS EXPLORATION, PRODUCTION, PROCESSING, OR TREATMENT OPERATIONS OR TRANSMISSION FACILITIES

TABLES IN ADDENDUM OF NOI

SECTION H. POST CONSTRUCTION STORMWATER MANAGEMENT (PLAN) BMPs

Regional Energy Lateral Pipeline – MLV-515RA40-Hildebrandt Tie-In

b. Summary Table for Supporting Calculation and Measurement Data

(See NOI Instructions for additional guidance with this section)

The remainder of this section (Summary Table for Calculation and Measurement Data) does not need to be completed for areas of projects involving oil and gas activities authorized by Chapter 78 or Chapter 78a (well pads) or pipelines and other similar utility infrastructure which will be restored to meadow in good condition or better or existing conditions.

Watershed Name: Toby Creek

Volume Control design storm frequency 2-year Rainfall amount 3.40 inches	Pre-construction	Post Construction	Net Change
Impervious area (acres)	0.0	0.22	+0.22
Volume of stormwater runoff (acre-feet) without planned stormwater BMPs	0.03	0.07	+0.04
Volume of stormwater runoff (acre-feet) with planned stormwater BMPs	[redacted]	0.01	-0.02
Stormwater discharge rate for the design frequency storm	Pre-construction	Post Construction	Net Change
1) 2-Year/24-Hour	0.34	0.20	-0.14
2) 10-Year/24-Hour	0.67	0.38	-0.29
3) 50-year/24-Hour	1.20	0.65	-0.55
4) 100-year/24-Hour	1.52	0.80	-0.72

c. Summary Description of PCSM/SR BMPs

In the lists below, check the BMPs identified in the PCSM Plan. The primary function(s) of the BMP listed in the functions column (infiltration/recharge; detention/retention; water quality). Additional functions may be added if applicable to that BMP. List the stormwater volume and area of runoff to be treated by each BMP type when calculations are required. If any BMP in the PCSM/SR Plan is not listed below, describe it in the space provided after "Other". A summary table with infiltration testing information (Attachment E, included in the NOI Instructions) must be submitted for all Bio-infiltration BMPs included in PCSM/SR plan.

For Rate control provide the volume of stormwater treated and acres treated for the 100-year/24-hour storm event.

For volume control and water quality provide the volume of stormwater treated and acres treated for the 2-year/24-hour storm event.

Key for BMP purpose(s): VC = Volume Control; RC = Rate Control; and WQ = Water Quality

BMP	Function(s)	Purpose(s)	Volume of stormwater treated	Acres treated
Site Restoration ONLY				
☐ Restore Site to Meadow in Good Condition or Better, or Existing Conditions	Infiltration/Recharge Detention/WQ Treatment	☐ VC ☐ RC ☐ WQ	_____	_____
Bio-infiltration areas	Infiltration/Recharge			
☐ Infiltration Trench		☐ VC ☐ RC ☐ WQ	_____	_____
☒ Infiltration Bed		☒ VC ☒ RC ☒ WQ	2,265cf(2-yr); 5,881cf(100-yr)	0.21
☐ Infiltration Basin		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Rain Garden/ Bioretention		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Infiltration Berm				
☐ Vegetated Swale		☐ VC ☐ RC ☐ WQ	_____	_____
Natural Area Conservation	Infiltration/Recharge			
☐ Streamside Buffer Zone		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Wetland Buffer Zone		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Sensitive Area Buffer Zone		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Pre-Construction Drainage Pattern Intact		☐ VC ☐ RC ☐ WQ	_____	_____
Stormwater Retention	Detention/Retention			
☐ Constructed Wetlands		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Wet Ponds		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Retention Basin		☐ VC ☐ RC ☐ WQ	_____	_____
Sediment and Pollutant Removal	Water Quality Treatment			
☐ Vegetated Filter Strips		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Compost Filter Sock		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Detention Basins		☐ VC ☐ RC ☐ WQ	_____	_____
Access Road Design	Infiltration/Recharge			
☐ Road Crowning		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Ditches		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Turnouts		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Culverts		☐ VC ☐ RC ☐ WQ	_____	_____

☐ Roadside Vegetated Filter Strips		☐ VC ☐ RC ☐ WQ	_____	_____
Stormwater Energy Dissipaters	Infiltration/Recharge			
☐ Level Spreaders		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Riprap Aprons		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Upslope Diversions		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Other_____		☐ VC ☐ RC ☐ WQ	_____	_____

d. Critical PCSM Plan stages

Identify and list critical stages of implementation of the PCSM Plan for which a licensed professional or designee shall be present on site.

1. Upon commencement of construction activities to ascertain the Valve Yard Pad area has been flagged and fence erected to prevent access to the area.
2. At completion of Diversion Channel to ensure it has been constructed to the proposed lines and grades, the specified lining materials have been installed in accordance with the requirements of the plans and specifications, and if applicable, vegetation has been established.
3. At the beginning of construction of the Valve Yard Pad to ensure the infiltration area has not been compacted by construction activities.
4. During construction of the Valve Yard Pad the licensed professional will observe that the BMP is constructed in accordance with the plans and specifications.
5. Following installation of the Valve Yard Pad subgrade to ensure stormwater flow is directed to the outlet structure.
6. For final inspection of constructed BMPs.
7. At the establishment of hard surface stabilization or 70% vegetation covers to allow removal of E&S controls.

NOTICE OF INTENT (NOI) FOR COVERAGE UNDER THE EROSION AND SEDIMENT CONTROL GENERAL PERMIT (ESCGP-3) FOR EARTH DISTURBANCE ASSOCIATED WITH OIL AND GAS EXPLORATION, PRODUCTION, PROCESSING, OR TREATMENT OPERATIONS OR TRANSMISSION FACILITIES

TABLES IN ADDENDUM OF NOI

SECTION H. POST CONSTRUCTION STORMWATER MANAGEMENT (PLAN) BMPs

Effort Loop Pipeline-MLV-505LD86 Sugar Hollow Valve Yard

b. Summary Table for Supporting Calculation and Measurement Data

(See NOI Instructions for additional guidance with this section)

The remainder of this section (Summary Table for Calculation and Measurement Data) does not need to be completed for areas of projects involving oil and gas activities authorized by Chapter 78 or Chapter 78a (well pads) or pipelines and other similar utility infrastructure which will be restored to meadow in good condition or better or existing conditions.

Watershed Name: Pohopoco Creek

Volume Control design storm frequency 2-year Rainfall amount 3.26 inches	Pre-construction	Post Construction	Net Change
Impervious area (acres)	0.09	0.62	+0.53
Volume of stormwater runoff (acre-feet) without planned stormwater BMPs	0.35	0.44	+0.09
Volume of stormwater runoff (acre-feet) with planned stormwater BMPs	[redacted]	0.28	-0.07
Stormwater discharge rate for the design frequency storm DA-1	Pre-construction	Post Construction	Net Change
1) 2-Year/24-Hour	0.01	0.01	-0.00
2) 10-Year/24-Hour	0.37	0.31	-0.06
3) 50-year/24-Hour	5.89	4.21	-1.68
4) 100-year/24-Hour	11.47	8.28	-3.19
Stormwater discharge rate for the design frequency storm DA-2	Pre-construction	Post Construction	Net Change
1) 2-Year/24-Hour	4.51	3.97	-0.54
2) 10-Year/24-Hour	12.49	12.28	-0.21
3) 50-year/24-Hour	26.58	24.35	-2.23
4) 100-year/24-Hour	35.41	31.74	-3.67

c. Summary Description of PCSM/SR BMPs

In the lists below, check the BMPs identified in the PCSM Plan. The primary function(s) of the BMP listed in the functions column (infiltration/recharge; detention/retention; water quality). Additional functions may be added if applicable to that BMP. List the stormwater volume and area of runoff to be treated by each BMP type when calculations are required. If any BMP in the PCSM/SR Plan is not listed below, describe it in the space provided after "Other". A summary table with infiltration testing information (Attachment E, included in the NOI Instructions) must be submitted for all Bio-infiltration BMPs included in PCSM/SR plan.

For Rate control provide the volume of stormwater treated and acres treated for the 100-year/24-hour storm event.

For volume control and water quality provide the volume of stormwater treated and acres treated for the 2-year/24-hour storm event.

Key for BMP purpose(s): VC = Volume Control; RC = Rate Control; and WQ = Water Quality

BMP	Function(s)	Purpose(s)	Volume of stormwater treated	Acres treated
Site Restoration ONLY				
☐ Restore Site to Meadow in Good Condition or Better, or Existing Conditions	Infiltration/Recharge Detention/WQ Treatment	☐ VC ☐ RC ☐ WQ	_____	_____
Bio-infiltration areas	Infiltration/Recharge			
☐ Infiltration Trench		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Infiltration Bed		☐ VC ☐ RC ☐ WQ	_____	_____
☒ Infiltration Basin		☒ VC ☒ RC ☒ WQ	1,123cf(2-yr); 21,318cf(100-yr)	2.85
☐ Rain Garden/ Bioretention		☐ VC ☐ RC ☐ WQ	_____	_____
☒ Infiltration Berm		☒ VC ☒ RC ☒ WQ	5,915cf(2-yr); 26,924cf(100-yr)	1.54
Natural Area Conservation	Infiltration/Recharge			
☐ Streamside Buffer Zone		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Wetland Buffer Zone		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Sensitive Area Buffer Zone		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Pre-Construction Drainage Pattern Intact		☐ VC ☐ RC ☐ WQ	_____	_____
Stormwater Retention	Detention/Retention			
☐ Constructed Wetlands		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Wet Ponds		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Retention Basin		☐ VC ☐ RC ☐ WQ	_____	_____
Sediment and Pollutant Removal	Water Quality Treatment			
☐ Vegetated Filter Strips		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Compost Filter Sock		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Detention Basins		☐ VC ☐ RC ☐ WQ	_____	_____
Access Road Design	Infiltration/Recharge			
☐ Road Crowning		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Ditches		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Turnouts		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Culverts		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Roadside Vegetated Filter Strips		☐ VC ☐ RC ☐ WQ	_____	_____

Stormwater Energy Dissipaters	Infiltration/Recharge			
☐ Level Spreaders		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Riprap Aprons		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Upslope Diversions		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Other_____		☐ VC ☐ RC ☐ WQ	_____	_____

d. Critical PCSM Plan stages

Identify and list critical stages of implementation of the PCSM Plan for which a licensed professional or designee shall be present on site.

1. For the final grading of the access road, ensuring it is constructed according to the plan details for proper conveyance of runoff.
2. Following final grading and seeding of the diversion channels and basin, in order to confirm they have been constructed according to the plan details for proper collection and conveyance of runoff. Periodic assessments will need to be made to ensure accumulated sediment have been cleaned out so the channels and basin maintain the necessary design volumes.
3. During the layout and excavation of the outlet control structure, the professional or delegate will ensure sizing, materials specifications, and construction procedures are followed to enable proper storage in the basin.
4. Following final grading and seeding of the infiltration berm in order to confirm they have been constructed according to the plan details for proper collection, infiltration, and conveyance of runoff. Periodic assessment will need to be made to ensure that accumulated sediment have been cleaned out so the area behind the berm maintains the necessary design volume.
5. For final inspection of constructed channels, basin and berms.
6. At the establishment of hard surface stabilization or 70% vegetation covers to allow removal of E&S controls.

NOTICE OF INTENT (NOI) FOR COVERAGE UNDER THE EROSION AND SEDIMENT CONTROL GENERAL PERMIT (ESCGP-3) FOR EARTH DISTURBANCE ASSOCIATED WITH OIL AND GAS EXPLORATION, PRODUCTION, PROCESSING, OR TREATMENT OPERATIONS OR TRANSMISSION FACILITIES

TABLES IN ADDENDUM OF NOI

SECTION H. POST CONSTRUCTION STORMWATER MANAGEMENT (PLAN) BMPs

Compressor Station 200

b. Summary Table for Supporting Calculation and Measurement Data

(See NOI Instructions for additional guidance with this section)

The remainder of this section (Summary Table for Calculation and Measurement Data) does not need to be completed for areas of projects involving oil and gas activities authorized by Chapter 78 or Chapter 78a (well pads) or pipelines and other similar utility infrastructure which will be restored to meadow in good condition or better or existing conditions.

Watershed Name: Valley Creek

Volume Control design storm frequency 2-year Rainfall amount 3.30 inches	Pre-construction	Post Construction	Net Change
Impervious area (acres)	0.25	0.40	+0.15
Volume of stormwater runoff (acre-feet) without planned stormwater BMPs	0.07	0.11	+0.04
Volume of stormwater runoff (acre-feet) with planned stormwater BMPs	[redacted]	0.07	-0.00
Stormwater discharge rate for the design frequency storm	Pre-construction	Post Construction	Net Change
1) 2-Year/24-Hour	1.03	0.15	-0.88
2) 10-Year/24-Hour	2.06	1.39	-0.67
3) 50-year/24-Hour	3.19	2.79	-0.40
4) 100-year/24-Hour	3.97	3.50	-0.47

c. Summary Description of PCSM/SR BMPs

In the lists below, check the BMPs identified in the PCSM Plan. The primary function(s) of the BMP listed in the functions column (infiltration/recharge; detention/retention; water quality). Additional functions may be added if applicable to that BMP. List the stormwater volume and area of runoff to be treated by each BMP type when calculations are required. If any BMP in the PCSM/SR Plan is not listed below, describe it in the space provided after "Other". A summary table with infiltration testing information (Attachment E, included in the NOI Instructions) must be submitted for all Bio-infiltration BMPs included in PCSM/SR plan.

For Rate control provide the volume of stormwater treated and acres treated for the 100-year/24-hour storm event.

For volume control and water quality provide the volume of stormwater treated and acres treated for the 2-year/24-hour storm event.

Key for BMP purpose(s): VC = Volume Control; RC = Rate Control; and WQ = Water Quality

BMP	Function(s)	Purpose(s)	Volume of stormwater treated	Acres treated
Site Restoration ONLY				
☐ Restore Site to Meadow in Good Condition or Better, or Existing Conditions	Infiltration/Recharge Detention/WQ Treatment	☐ VC ☐ RC ☐ WQ	_____	_____
Bio-infiltration areas	Infiltration/Recharge			
☐ Infiltration Trench		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Infiltration Bed		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Infiltration Basin		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Rain Garden/ Bioretention		☐ VC ☐ RC ☐ WQ	_____	_____
☒ Infiltration Berm		☒ VC ☒ RC ☒ WQ	3,790cf(2-yr); 11,631cf(100-yr)	0.56
Natural Area Conservation	Infiltration/Recharge			
☐ Streamside Buffer Zone		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Wetland Buffer Zone		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Sensitive Area Buffer Zone		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Pre-Construction Drainage Pattern Intact		☐ VC ☐ RC ☐ WQ	_____	_____
Stormwater Retention	Detention/Retention			
☐ Constructed Wetlands		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Wet Ponds		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Retention Basin		☐ VC ☐ RC ☐ WQ	_____	_____
Sediment and Pollutant Removal	Water Quality Treatment			
☐ Vegetated Filter Strips		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Compost Filter Sock		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Detention Basins		☐ VC ☐ RC ☐ WQ	_____	_____
Access Road Design	Infiltration/Recharge			
☐ Road Crowning		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Ditches		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Turnouts		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Culverts		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Roadside Vegetated Filter Strips		☐ VC ☐ RC ☐ WQ	_____	_____

Stormwater Energy Dissipaters ☐ Level Spreaders ☐ Riprap Aprons ☐ Upslope Diversions ☐ Other_____	Infiltration/Recharge	 ☐ VC ☐ RC ☐ WQ ☐ VC ☐ RC ☐ WQ ☐ VC ☐ RC ☐ WQ ☐ VC ☐ RC ☐ WQ	 _____ _____ _____ _____	 _____ _____ _____ _____

d. Critical PCSM Plan stages

Identify and list critical stages of implementation of the PCSM Plan for which a licensed professional or designee shall be present on site.

1. Following final grading and seeding of the infiltration berm in order to confirm it has been constructed according to the plan details for proper collection, infiltration, and conveyance of runoff. Periodic assessments will need to be made to ensure that accumulated sediment should be cleaned out so the channels and berm maintain necessary design volume.
2. For final inspection of constructed BMPs.
3. At the establishment of hard surface stabilization or 70% vegetation covers to allow removal of E & S controls.

NOTICE OF INTENT (NOI) FOR COVERAGE UNDER THE EROSION AND SEDIMENT CONTROL GENERAL PERMIT (ESCGP-3) FOR EARTH DISTURBANCE ASSOCIATED WITH OIL AND GAS EXPLORATION, PRODUCTION, PROCESSING, OR TREATMENT OPERATIONS OR TRANSMISSION FACILITIES

TABLES IN ADDENDUM OF NOI

SECTION H. POST CONSTRUCTION STORMWATER MANAGEMENT (PLAN) BMPs

Compressor Station 515

b. Summary Table for Supporting Calculation and Measurement Data

(See NOI Instructions for additional guidance with this section)

The remainder of this section (Summary Table for Calculation and Measurement Data) does not need to be completed for areas of projects involving oil and gas activities authorized by Chapter 78 or Chapter 78a (well pads) or pipelines and other similar utility infrastructure which will be restored to meadow in good condition or better or existing conditions.

Watershed Name: Bear Creek

Volume Control design storm frequency 2-year Rainfall amount 3.40 inches	Pre-construction	Post Construction	Net Change
Impervious area (acres)	0.34	2.44	+2.10
Volume of stormwater runoff (acre-feet) without planned stormwater BMPs	0.50	0.81	+0.31
Volume of stormwater runoff (acre-feet) with planned stormwater BMPs	[redacted]	0.18	-0.32
Stormwater discharge rate for the design frequency storm	Pre-construction	Post Construction	Net Change
1) 2-Year/24-Hour	5.46	1.76	-3.70
2) 10-Year/24-Hour	10.19	8.30	-1.89
3) 50-year/24-Hour	16.85	9.55	-7.30
4) 100-year/24-Hour	20.81	9.58	-11.23

c. Summary Description of PCSM/SR BMPs

In the lists below, check the BMPs identified in the PCSM Plan. The primary function(s) of the BMP listed in the functions column (infiltration/recharge; detention/retention; water quality). Additional functions may be added if applicable to that BMP. List the stormwater volume and area of runoff to be treated by each BMP type when calculations are required. If any BMP in the PCSM/SR Plan is not listed below, describe it in the space provided after "Other". A summary table with infiltration testing information (Attachment E, included in the NOI Instructions) must be submitted for all Bio-infiltration BMPs included in PCSM/SR plan.

For Rate control provide the volume of stormwater treated and acres treated for the 100-year/24-hour storm event.

For volume control and water quality provide the volume of stormwater treated and acres treated for the 2-year/24-hour storm event.

Key for BMP purpose(s): VC = Volume Control; RC = Rate Control; and WQ = Water Quality

BMP	Function(s)	Purpose(s)	Volume of stormwater treated	Acres treated
Site Restoration ONLY				
☐ Restore Site to Meadow in Good Condition or Better, or Existing Conditions	Infiltration/Recharge Detention/WQ Treatment	☐ VC ☐ RC ☐ WQ	_____	_____
Bio-infiltration areas	Infiltration/Recharge			
☐ Infiltration Trench		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Infiltration Bed		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Infiltration Basin		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Rain Garden/ Bioretention		☐ VC ☐ RC ☐ WQ	_____	_____
☒ Infiltration Berm		☒ VC ☒ RC ☒ WQ	31,799cf(2-yr); 96,268cf(100-yr)	3.83
Natural Area Conservation	Infiltration/Recharge			
☐ Streamside Buffer Zone		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Wetland Buffer Zone		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Sensitive Area Buffer Zone		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Pre-Construction Drainage Pattern Intact		☐ VC ☐ RC ☐ WQ	_____	_____
Stormwater Retention	Detention/Retention			
☐ Constructed Wetlands		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Wet Ponds		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Retention Basin		☐ VC ☐ RC ☐ WQ	_____	_____
Sediment and Pollutant Removal	Water Quality Treatment			
☐ Vegetated Filter Strips		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Compost Filter Sock		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Detention Basins		☐ VC ☐ RC ☐ WQ	_____	_____
Access Road Design	Infiltration/Recharge			
☐ Road Crowning		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Ditches		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Turnouts		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Culverts		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Roadside Vegetated Filter Strips		☐ VC ☐ RC ☐ WQ	_____	_____

Stormwater Energy Dissipaters	Infiltration/Recharge			
☐ Level Spreaders		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Riprap Aprons		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Upslope Diversions		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Other_____		☐ VC ☐ RC ☐ WQ	_____	_____

d. Critical PCSM Plan stages

Identify and list critical stages of implementation of the PCSM Plan for which a licensed professional or designee shall be present on site.

1. Following final grading and seeding of the collection channels and infiltration berm in order to confirm they have been constructed according to the plan details for proper collection, infiltration, and conveyance of runoff. Periodic assessments will need to be made to ensure that accumulated sediment should be cleaned out so the channels and berm maintain necessary design volume.
2. For final inspection of constructed BMPs.
3. At the establishment of hard surface stabilization or 70% vegetation covers to allow removal of E & S controls.

SECTION I. ANTIDEGRADATION ANALYSIS

This section must be completed where earth disturbance activities will be conducted in the watershed of a surface water with an existing or designated use of exceptional value or high quality pursuant to Chapter 93 (relating to water quality standards), projects where any part is located in an exceptional value wetland in accordance with 25 Pa. Code § 105.17, and projects where any part is located in the watershed of an impaired surface water where the cause of impairment is identified as siltation.

Part 1 - NONDISCHARGE ALTERNATIVES EVALUATION

The applicant must consider and describe any and all non-discharge alternatives for the entire project area which are environmentally sound and will**:**

- Minimize accelerated erosion and sedimentation during the earth disturbance activity
- Achieve no net change from pre-development to post-development volume, rate and concentration of pollutants in water quality

E & S Plan	PCSM/SR Plan
Check off the environmentally sound nondischarge Best Management Practices (BMPs) listed below to be used prior to, during, and after earth disturbance activities that have been incorporated into your E & S Plan based on the site analysis. For non-discharge BMPs not checked, provide an explanation of why they were not utilized. Also for BMPs checked, provide an explanation of why they were utilized. (Provide the analysis and attach additional sheets if necessary) See Section 2 of this ESCGP-3 Application	Check off the environmentally sound nondischarge Best Management Practices (BMPs) listed below to be used after construction that have been incorporated into the PCSM/SR Plan based on your site analysis. For non-discharge BMPs not checked, provide an explanation of why they were not utilized. Also for BMPs checked, provide an explanation of why they were utilized. (Provide the analysis and attach additional sheets if necessary) See Section 3 of this ESCGP-3 Application
Nondischarge BMPs ☐ Alternative Siting ☐ Alternative location ☐ Alternative configuration ☐ Alternative location of discharge ☒ Limited Disturbed Area ☐ Limiting Extent & Duration of Disturbance (Phasing, Sequencing) ☐ Riparian Buffers (150 ft. min.) ☐ Riparian Forest Buffer (150 ft. min.) ☐ Other _____	**Nondischarge BMPs** ☐ Alternative Siting ☐ Alternative location ☐ Alternative configuration ☐ Alternative location of discharge ☐ Low Impact Development (LID / BSD) ☐ Riparian Buffers (150 ft. min.) ☐ Riparian Forest Buffer (150 ft. min.) ☒ Infiltration ☐ Water Reuse ☐ Other _____
Will the non-discharge alternative BMPs eliminate the net change in rate, volume and quality during construction? ☐ Yes ☒ No If yes, antidegradation analysis is complete. If no, proceed to Part 2.	Will the non-discharge alternative BMPs eliminate the net change in rate, volume and quality after construction? ☐ Yes ☒ No If yes, antidegradation analysis is complete. If no, proceed to Part 2.

PART 2 - ANTIDEGRADATION BEST AVAILABLE COMBINATION OF TECHNOLOGIES (ABACT)

If the net change in stormwater discharge from or after construction is not fully managed by nondischarge BMPs, the applicant must utilize ABACT BMPs to manage the difference. The Applicant must specify whether the discharge will occur during construction, post-construction or both, and identify the technologies that will be used to ensure that the discharge will be a non-degrading discharge. ABACT BMPs include but are not limited to:

E & S Plan	PCSM/SR Plan
☒ **Treatment BMPs:** ☐ Sediment basin with skimmer ☐ Sediment basin ratio of 4:1 or greater (flow length to basin width) ☐ Sediment basin with 4-7 day detention ☐ Flocculants ☒ Compost Filter Socks ☒ Compost Filter Sock Sediment Basin ☒ RCE w/ Wash Rack ☒ **Land disposal:** ☐ Vegetated filters ☐ Riparian buffers <150ft. ☐ Riparian Forest Buffer <150ft. ☒ Immediate stabilization ☒ **Pollution prevention:** ☒ PPC Plans ☒ Street sweeping ☒ Channels, collectors and diversions lined with permanent vegetation, rock, geotextile or other non-erosive materials ☐ **Stormwater reuse technologies:** ☐ Sediment basin water for dust control ☐ Sediment basin water for irrigation ☐ **Other** _____	☒ **Treatment BMPs:** ☒ Infiltration Practices ☐ Wet ponds ☐ Created wetland treatment systems ☒ Vegetated swales ☐ Manufactured devices ☒ Bio-retention/infiltration ☐ Green Roofs ☐ **Land disposal:** ☐ Vegetated filters ☐ Riparian Buffers <150ft. ☐ Riparian Forest Buffer <150ft. ☐ Disconnection of roof drainage ☐ Bio-retention/bio-infiltration ☒ **Pollution prevention:** ☐ Street sweeping ☐ Nutrient, pesticide, herbicide or other chemical application plan alternatives ☒ PPC Plans ☒ Non-structural Practices ☒ Restoration BMPs ☐ **Stormwater reuse technologies:** ☐ Divert rainwater into impoundment ☐ Underground storage ☐ Spray/Drip Irrigation ☐ **Other** _____
Are the ABACT BMPs selected sufficient to minimize E&S discharges to the extent that existing or designated surface water uses are protected? ☒ Yes ☐ No If yes, Antidegradation analysis is complete. If no, NOI Application will be returned to the Applicant.	Are the ABACT BMPs selected sufficient to achieve no net change and assure that existing or designated surface water uses are protected? ☒ Yes ☐ No If yes, Antidegradation analysis is complete. If no, NOI Application will be returned to the Applicant.

SECTION J. COMPLIANCE HISTORY REVIEW

Is/was the applicant(s) in violation of any Department regulation, order, schedule of compliance or permit or in violation of any department regulated activities within the past five years?

☒ Yes ☐ No

If yes, provide the permit number or facility name, a brief description of the violation, the compliance schedule (including dates and steps to achieve compliance) and the current compliance status. (Attach additional information on a separate sheet, when necessary)

Permit Program or Activity: Chapter 102, Chapter 105, PAG-10
Permit Number (if applicable):

1. **ESG03000150001, ESG00350150001, ESG00081150001**
2. **E41-649**
3. **E-19-311, E36-947, E-38-195, E40-769,E49-336, E54-360, E58-315, E66-160, E41-667, E18-495,**
4. **PAG109632**

Brief Description of non-compliance:

Consent Assessment of Civil Penalty, Reports past due.

Steps taken to achieve compliance	Date(s) compliance achieved
1. Consent Assessment of Civil Penalty 2. Consent Assessment of Civil Penalty. Permits being obtained to complete channel restoration 3. Consent Assessment of Civil Penalty 4. All past due reports were provided to PADEP	1. 9/20/2020 2. 8/9/2020 3. 9/20/2020 4. 12/14/2017

Current Compliance Status: ☒ In-Compliance ☐ In Non-Compliance

If in non-compliance, attach schedule for achieving compliance.

SECTION K. CERTIFICATION BY PERSON PREPARING E&S AND PCSM/SR PLANS

I do hereby certify to the best of my knowledge, information, and belief, that the Erosion and Sediment Control and PCSM/Site Restoration Plans are true and correct, represent actual field conditions, and are in accordance with the 25 Pa. Code Chapters 78/78a and 102 of the Department's rules and regulations. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment.

Print Name Kevin C. Clark	Signature	Professional Seal
Company BAI Group, LLC		
Address 2525 Green Tech Drive, Suite D, State College, PA-16803		
Phone (814) 238-2060		
Most Recent DEP Training Attended _____	Location _____ Date _____	
e-Mail Address kclark@baigroupllc.com		

EXPEDITED REVIEW PROCESS

In addition to the certification required above, applicants using the expedited permit review process must attach an E&S and PCSM/Site Restoration Plans developed and sealed by a licensed professional engineer, surveyor or professional geologist. The plans shall contain the following certification:

*I do hereby certify to the best of my knowledge, information, and belief, that the E & S Control and PCSM/SR BMPs are true and correct, represent actual field conditions and are in accordance with the 25 Pa. Code Chapters 78 / 78a and 102 of the Department's rules and regulations. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment***.**

SECTION L. APPLICANT CERTIFICATION

Applicant Certification

I certify under penalty of law, as provided by 18 Pa. C.S.A. § 4904, that this application and all related attachments were prepared by me or under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my own knowledge and on inquiry of the person or persons who manage the system or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate and complete. The responsible official's signature also verifies that the activity is eligible to participate in the ESCGP, and that the applicant agrees to abide by the terms and conditions of the permit. BMP's, E&S Plan, PPC Plan, PCSM Plan, and other controls are being or will be, implemented to ensure that water quality standards and effluent limits are attained.

I grant permission to the agencies responsible for the permitting of this work, or their duly authorized representative to enter the project site for inspection purposes. I will abide by the conditions of the permit if issued and will not begin work prior to permit issuance.

(For individuals no indication of title is necessary, choose the box below. All others proceed to the next paragraph)

☐ **Individual; proceed to signature portion.**

I hereby certify under penalty of law, as provided by 18 Pa. C.S.A. § 4904, that I am the person who is responsible for decision-making regarding environmental compliance functions for Transcontinental Gas Pipeline Company, LLC, the manager of one or more manufacturing, production, or operating facilities of the applicant and am authorized to make management decisions which govern the operation of regulated facility including having explicit or implicit duty of making major capital investment recommendations, and initiating and directing other comprehensive measures to assure the applicant's long term environmental compliance with environmental laws and regulations; and I am responsible for ensuring that the necessary systems are established or actions taken to gather complete and accurate information for permit application requirements.

(choose one of the following; not applicable for individuals):

☐ The responsible corporate officer ☐ president ☐ vice president ☐ secretary
☐ treasure of _____ Corporation/Company
Entity name

☒ The ☐ member or ☒ manager of Transcontinental Gas Pipe Line Company, LLC
Entity name

☐ The general partner of _____ partnership/LP/LLP
Entity name

☐ The principal executive officer or ranking elected official of _____ Municipality/State/Federal/other public agency
Entity name

☐ Power of Attorney/delegation of contractual authority (documentation supporting delegation of contracting authority must be provided) for _____
Entity name

_____	_____
Print Name and Title of Applicant	Print Name and Title of Co-Applicant (if applicable)
_____	_____
Signature of Applicant	Signature of Co-Applicant
_____	_____
Date Application Signed	Date Application Signed

Notarization

Sworn to and subscribed to before me this

_____ day of _____, 20_____

_____
Notary Public

AFFIX SEAL

Commonwealth of Pennsylvania

County of _____

My Commission expires _____

SECTION M. ADDITIONAL CONTACT INFORMATION				
Contact's Last Name	First Name	MI	Phone (814) 689-1650	
Nelson	Ryan	J	FAX	
Mailing Address	City		State	ZIP + 4
2525 Green Tech Drive, Suite B	State College		PA	16803
e-Mail Address ryann@whmgroup.com				

Section 1-1.1 NOI Supporting Information

Project Component	Site	Site Location City	ZIP Code	County	Municipality	Total Project Area/Project Site (Acre)	Total Disturbed Area (Acre)	Latitude / Longitude	U.S.G.S. 7.5 min. Topographic Quadrangle	Receiving Waters	Chapter 93, Designated Use Stream Classification	Chapter 93, Existing Use Stream Classification	Siltation Impaired
Regional Energy Lateral	Pipeline			Luzerne	Buck, Bear Creek, Plains, Jenkins, Kingston, Dallas, Wyoming, West Wyoming, Laflin	952.63	420.67 (includes CS 515 and sites below)	41.173337, -75.671706 (eastern terminus) 41.346917, -75.946263 (western terminus)	Kingston, Pittston, Avoca, Wilkes-Barre East, Pleasant View Summit	Stony Run, Shades Creek, Little Shades Creek, Snider Run, Meadow Run, Bear Creek, Little Bear Creek, Mill Creek, Gardner Creek, Susquehanna River, Abrahams Creek, Toby Creek, Trout Brook	MF, HQ-CWF, WWF, CWF	-	No
	CY-LU-001	Wyoming	18644	Luzerne	Wyoming		16.3 (Included within above total)	41.31016, -75.84636		Abrahams Creek	CWF, MF	-	No
	CY-LU-002	Wilkes-Barre	18702	Luzerne	Laflin		11.4 (Included within above total)	41.28491, -75.79026		Gardner Creek	CWF, MF	-	No
	MLV-515RA20	Wilkes-Barre	18702	Luzerne	Bear Creek Township		0.46 (Included within above total)	41.25279, -75.75856		Mill Creek	CWF, MF	-	No
	MLV-515RA30	Wyoming	18644	Luzerne	Wyoming Borough		0.44 (Included within above total)	41.30411, -75.84662		Susquehanna River	WWF		No
	Carverton Tie-in	Wyoming	18644	Luzerne	West Wyoming Borough		3.9 (Included within above total)	41.32053, -75.87270		Abrahams Creek	CWF, MF		No
	Lower Demunds REL Tie-in	Dallas	18612	Luzerne	Dallas Township		1.7 (Included within above total)	41.34652, -75.94551		Trout Brook	CWF, MF		No
	Hildebrandt Tie-in/MLV-515RA40	Dallas	18612	Luzerne	Dallas Township		3.1 (Included within above total)	41.34692, -75.94629		Toby Creek, Trout Brook	CWF, MF		No
	Laflin Borough Stream Stabilization	Wilkes-Barre	18702	Luzerne	Laflin Borough		0.94 (Included within above total)	41.28925, -75.80209		Gardner Creek	CWF, MF	-	No
Effort Loop	Pipeline			Monroe	Ross, Chestnuthill, Tunkhannock	360.63	262.18	40.896796, -75.370606 (Southeast Terminus) 41.053413, -75.526178 (Northwest Terminus)	Blakeslee, Pocono Pines, Brodheadsville, Saylorsburg	Lake Creek, Princess Run, Weir Creek, McMichael Creek, Pohopoco Creek, Sugar Hollow Creek, Poplar Creek, Mud Run, Mud Pond Run, Tunkhannock Creek	EV, MF, HQ-CWF, CWF	EV, MF	No

Project Component	Site	Site Location City	ZIP Code	County	Municipality	Total Project Area/Project Site (Acre)	Total Disturbed Area (Acre)	Latitude / Longitude	U.S.G.S. 7.5 min. Topographic Quadrangle	Receiving Waters	Chapter 93, Designated Use Stream Classification	Chapter 93, Existing Use Stream Classification	Siltation Impaired
	MLV-505LD86 Sugar Hollow Valve Yard	Effort	18330	Monroe	Chestnut Hill Township		8.8 (Included within above total)	40.96775, -75.42980		Sugar Hollow Creek	CWF, MF	-	No
	CY-MO-001	Saylorsburg	18353	Monroe	Ross Township		50.1 (Included within above total)	40.89803, -75.36784		Lake Creek, Princess Run	HQ-CWF, MF, CWF	-	No
Delaware River Regulator		Easton	18040	Northampton	Lower Mt. Bethel	11.28	3.25	40.76220 -75.19653	Bangor, PA	Mud Run	CWF, MF	-	No
Mainline "A" Regulator		Washington Crossing	18977	Bucks	Lower Makefield	0.94	0.530	40.26807, -74.85712	Pennington, NJ-PA	Dyers Creek, Delaware River	MF, WWF	-	No
Compressor Station 200		Frazer	19335	Chester	East Whiteland	20.28	3.16	40.04998, -75.58589	Malvern, PA	Valley Creek	EV, MF, CWF	-	Yes
Compressor Station 515		White Haven	18661	Luzerne	Buck	952.63 (Included with Regional Energy Lateral)	24.83 (included with Regional Energy Lateral)	41.17380, -75.67118	Pleasant View Summit, PA	Shades Creek, Stony Run	HQ-CWF, MF	-	No

COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
BUREAU OF CLEAN WATER

MUNICIPAL NOTIFICATION OF PLANNED LAND DEVELOPMENT FOR CHAPTER 102 PERMITS

PROJECT INFORMATION (COMPLETED BY APPLICANT)

Applicant Name:	**Transcontinental Gas Pipe Line Company, a subsidiary of Williams Partners, L.P.**	Contact Name:	**Joseph Dean** **Manager-Permitting**
Applicant Address:	**2800 Post Oak Blvd, Level 11**	Contact Phone:	**(713) 215-3427**
Applicant City, State, ZIP:	**Houston, TX 77056**	County:	**Luzerne**
		Municipality:	**Buck**
		Project Area:	**110.18** acres ☐ Phased
		Disturbance:	**47.42** acres

Description of Proposed Land Development and Stormwater Controls:

The Regional Energy Lateral component of the Regional Energy Access Expansion Project will consist of approximately 22.3 miles of 30-inch diameter pipeline, partially co-located with existing Transco Leidy Line-A, in Buck, Bear Creek, Plains, Jenkins, Kingston and Dallas Townships, and Laflin, Wyoming, and West Wyoming Boroughs, Luzerne County, Pennsylvania. The Regional Energy Lateral begins at existing Compressor Station 515 in Buck Township and continues westward to its terminus at Transco's existing Hildebrandt Tie-in in Dallas Township. Transco will be installing four mainline valves with appurtenant equipment, as a means to isolate gas flows along the Regional Energy Lateral. The mainline valve sites at each pipeline terminus (MLV515RA10 at Compressor Station 515 and MLV515RA40 at the Hildebrandt Tie-in) will also have pig traps (industry term for manifolds that launch or receive in-line inspection tools). The other two valve sites are proposed along the pipeline route (MLV515RA20 at Milepost 7.5 and MLV515RA30 at Milepost 14.8). Modifications at three existing pipeline interconnects are proposed to tie-in the proposed pipeline to the existing facilities. The Carverton Tie-In is located at Milepost 16.8. The Lower Demunds Tie-In is located at Milepost 22.3 and also includes a +/- 400-ft segment of 20-in pipeline and conduit to connect to the existing facility. The Hildebrandt Tie-In is located at the Regional Energy Lateral pipeline terminus and includes MLV515RA40. Two contractor yards are proposed for the Project and are located adjacent to the pipeline. CY-LU-001 is located at Milepost 15.3 and CY-LU-002 is located at Milepost 10.5. Cathodic protection equipment will be installed along the pipeline route. Deep anode ground beds are proposed at Mileposts 7.5 and 19.8, and one remote anode ground bed is proposed at Milepost 15.3.

The existing Compressor Station 515 component of the Project is located at the eastern terminus of the Regional Energy Lateral in Buck Township, Luzerne County. Proposed at this facility is the addition of two gas-fired turbine driven compressor units with 63,742 nominal HP at ISO conditions and modification of three existing compressors to support the Project and to accommodate the abandonment and replacement of approximately 17,000 HP from five existing gas-fired reciprocating engine driven compressors and increase the certificated station compression by 46,742 HP. One Mainline Valve will be installed at this facility (MLV515RA10). E&S and PCSM BMP's are proposed within Buck Township, with PCSM BMP's proposed at Compressor Station 515.

Surface Waters Receiving Stormwater Discharges:

Shades Creek, Stony Run

Tax Parcel ID(s) Affected by Proposed Land Development:

See attached table

Discharge to: ☐ MS4 ☐ Other SS ☐ CSS

The following information was submitted to the municipality for this project:

☐ Land Development / Subdivision Plan ☒ E&S Plan ☒ PCSM Plan ☐ Other:

***On March 31, 2021 Transco submitted to you its E&S and PCSM Plans (Plans) as part of the ESCGP-3 permit application notification. Transco provided an update in July 2021 indicating the Erosion and Sediment Control Permit for Discharges of Stormwater Associated with Construction Activities Application was submitted to the PA Dept. of Environmental Protection to replace the ESCGP-3 application. Transco has updated the application in**

response to the PADEP Technical Deficiencies and is providing the updated materials. Updated drawings, location maps, GIF form and Parcel ID tables are included.

MUNICIPAL PLAN / ORDINANCE INFORMATION (COMPLETED BY MUNICIPALITY)		
1. Is there an adopted municipal or multi-municipal comprehensive plan?	☐ Yes	☐ No
2. Is there an enacted municipal or multi-municipal zoning ordinance?	☐ Yes	☐ No
3. If Yes to #2, is the proposed project consistent with the ordinance?	☐ Yes	☐ No
4. Is there a municipal stormwater management ordinance?	☐ Yes	☐ No
5. If Yes to #4, is the proposed project consistent with the ordinance, without waiver?	☐ Yes	☐ No

6. If Yes to #4, indicate type of ordinance: ☐ Act 167 Model Ordinance ☐ DEP Model Ordinance (MS4s) ☐ Other

APPLICANT CERTIFICATION	MUNICIPAL ACKNOWLEDGEMENT
I certify under penalty of law (see 18 Pa.C.S. § 4904 (relating to unsworn falsification)) that the information reported herein was prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the information, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.	The municipality acknowledges that a permit application for the above-referenced project has been submitted to a reviewing agency and that notification requirements of Act 14 of 1984 and Acts 67, 68, and 127 of 2000 have been satisfied. The information reported herein by the municipality is true and accurate. The municipality reserves the right to comment to the reviewing agency relative to comprehensive plans, zoning, and stormwater ordinance consistency. Municipal acknowledgment of receipt of notification shall not be construed as project approval.

Joseph Dean

Applicant Name

Municipal Representative Name

Applicant Signature

Municipal Representative Signature

Manager - Permitting

Applicant Title

Municipal Representative Title

04/06/2022

Date of Signature

Date of Signature

Sue Fox

From: auto-reply@usps.com
Sent: Monday, May 2, 2022 9:56 AM
To: Sue Fox
Subject: USPS® Item Delivered, Left with Individual 70201290000169191336

UNITED STATES POSTAL SERVICE®

Hello **sue fox**,

Your item was delivered to an individual at the address at 11:44 am on April 30, 2022 in WILKES BARRE, PA 18702.

Tracking Number: **70201290000169191336**

Delivered, Left with Individual

Tracking & Delivery Options

My Account

Visit USPS Tracking® to check the most up-to-date status of your package. Sign up for Informed Delivery® to digitally preview the address side of your incoming letter-sized mail and manage your packages scheduled to arrive soon! To update how frequently you receive emails from USPS, log in to your USPS.com account.

Want regular updates on your package? Set up text alerts.

SENDER: *COMPLETE THIS SECTION*

- Complete items 1, 2, and 3. Also complete item 4 if Restricted Delivery is desired.
- Print your name and address on the reverse so that we can return the card to you.
- Attach this card to the back of the mailpiece, or on the front if space permits.

1. Article Addressed to:

Buck Township Supervisors
c/o Bonnie Wasilewski
1042 Spruce Street
Wilkes Barre Township, PA
18702

COMPLETE THIS SECTION ON DELIVERY

A. Signature

X Bonnie Wasilewski ☐ Agent ☐ Addressee

B. Received by *(Printed Name)* C. Date of Delivery

D. Is delivery address different from item 1? ☐ Yes
If YES, enter delivery address below: ☐ No

3. Service Type
☐ Certified Mail ☐ Express Mail
☐ Registered ☐ Return Receipt for Merchandise
☐ Insured Mail ☐ C.O.D.

4. Restricted Delivery? *(Extra Fee)* ☐ Yes

2. A 7020 1290 0001 6919 1336 ESEP
(Transfer from service label)

PS Form 3811, February 2004 Domestic Return Receipt 102595-02-M-15

Transcontinental Gas Pipe Line Company, LLC

Section 1-11 – General Information Form

Regional Energy Access Expansion Project

April 2021
(Added July 2021)
(Revised March 2022)

pennsylvania
DEPARTMENT OF ENVIRONMENTAL PROTECTION

COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION

GENERAL INFORMATION FORM – AUTHORIZATION APPLICATION

Before completing this General Information Form (GIF), read the step-by-step instructions provided in this application package. This form is used by the Department of Environmental Protection (DEP) to inform our programs regarding what other DEP permits or authorizations may be needed for the proposed project or activity. This version of the General Information Form (GIF) must be completed and returned with any program-specific application being submitted to the DEP.

Related ID#s (If Known)				DEP USE ONLY
Client ID#		**APS ID#**		Date Received & General Notes
Site ID#		**Auth ID#**		
Facility ID#				

CLIENT INFORMATION

DEP Client ID#	Client Type / Code	Dun & Bradstreet ID#
163321	LLC	

Legal Organization Name or Registered Fictitious Name	Employer ID# (EIN)	Is the EIN a SSN?
Transcontinental Gas Pipe Line Company, LLC	74-1079400	☐ Yes ☒ NO

State of Incorporation or Registration of Fictious Name

☐ Corporation ☒ LLC ☐ Partnership ☐ LLP ☐ LP
☐ Sole Proprietorship ☐ Association/Organization
☐ Estate/Trust ☐ Other

Individual Last Name	First Name	MI	Suffix

Additional Individual Last Name	First Name	MI	Suffix

Mailing Address Line 1	Mailing Address Line 2
2800 Post Oak Blvd, Level 11	

Address Last Line – City	State	ZIP+4	Country
Houston	TX	77056	United States

Client Contact Last Name	First Name	MI	Suffix
Dean	Joseph		

Client Contact Title	Phone	Ext	Cell Phone
Manager, Permitting	(713) 215-3427		

Email Address	FAX
Joseph.Dean@Williams.com	

SITE INFORMATION

DEP Site ID#	Site Name
	Regional Energy Access Expansion Project

EPA ID# **Estimated Number of Employees to be Present at Site**

Description of Site
The Project is an expansion of an existing natural gas transmission system consisting of pipelines, modification of three existing compressor stations and additional existing ancillary facilities.

Tax Parcel ID(s):

County Name(s)	Municipality(ies)	City	Boro	Twp	State
Luzerne	Buck, Bear Creek, Plains, Jenkins, Kingston, Dallas, Wyoming, West Wyoming, Laflin	☐	☒	☒	PA
Monroe	Ross, Chestnuthill, Tunkhannock	☐	☐	☒	PA
Northampton	Lower Mt. Bethel	☐	☐	☒	PA
Bucks	Lower Makefield	☐	☐	☒	PA
Chester	East Whiteland	☐	☐	☒	PA
		☐	☐	☒	PA
		☐	☒	☐	PA

Site Location Line 1	Site Location Line 2
See Section 1.1 - GIF Supporting Information	

Site Location Last Line – City	State	ZIP+4

Detailed Written Directions to Site
See Secton 1.1 - GIF Supporting Information for locations of all project sites.

Site Contact Last Name	First Name	MI	Suffix
Henry	Josh		

Site Contact Title	Site Contact Firm
Environmental Specialist	Transcontinental Gas Pipe Line Company, LLC.

Mailing Address Line 1	Mailing Address Line 2
2000 Commerce Drive, Park Place 2	

Mailing Address Last Line – City	State	ZIP+4
Pittsburgh	PA	15275

Phone	Ext	FAX	Email Address
(412) 787- 4277			Josh.Henry@Williams.com

NAICS Codes (Two- & Three-Digit Codes – List All That Apply) **6-Digit Code** (Optional)
221

Client to Site Relationship
OWNOP

FACILITY INFORMATION

Modification of Existing Facility	Yes	No
1. **Will this project modify an existing facility, system, or activity?**	☒	☐
2. **Will this project involve an addition to an existing facility, system, or activity?**	☒	☐

If "Yes", check all relevant facility types and provide DEP facility identification numbers below.

	Facility Type	DEP Fac ID#		Facility Type	DEP Fac ID#
☐	Air Emission Plant		☐	Industrial Minerals Mining Operation	
☐	Beneficial Use (water)		☐	Laboratory Location	
☐	Blasting Operation		☐	Land Recycling Cleanup Location	
☐	Captive Hazardous Waste Operation		☐	Mine Drainage Treatment / Land Recycling Project Location	
☐	Coal Ash Beneficial Use Operation		☐	Municipal Waste Operation	
☐	Coal Mining Operation		☐	Oil & Gas Encroachment Location	
☐	Coal Pillar Location		☐	Oil & Gas Location	
☐	Commercial Hazardous Waste Operation		☐	Oil & Gas Water Poll Control Facility	
☐	Dam Location		☐	Public Water Supply System	
☐	Deep Mine Safety Operation -Anthracite		☐	Radiation Facility	
☐	Deep Mine Safety Operation -Bituminous		☐	Residual Waste Operation	
☐	Deep Mine Safety Operation -Ind Minerals		☐	Storage Tank Location	
☐	Encroachment Location (water, wetland)		☐	Water Pollution Control Facility	
☐	Erosion & Sediment Control Facility		☐	Water Resource	
☐	Explosive Storage Location		☒	Other: Natural Gas Transmission	

Latitude/Longitude Point of Origin	Latitude Degrees	Latitude Minutes	Latitude Seconds	Longitude Degrees	Longitude Minutes	Longitude Seconds
See Section 1.1 - GIF Supporting Information						

Horizontal Accuracy Measure	Feet	*--or--*	Meters
Horizontal Reference Datum Code	☐ North American Datum of 1927 ☒ North American Datum of 1983 ☐ World Geodetic System of 1984		
Horizontal Collection Method Code	GISDR		
Reference Point Code	CNTAR		
Altitude	Feet	*--or--*	Meters
Altitude Datum Name	☐ The National Geodetic Vertical Datum of 1929 ☒ The North American Vertical Datum of 1988 (NAVD88)		
Altitude (Vertical) Location Datum Collection Method Code	TOPO		

Geometric Type Code	POINT				
Data Collection Date	2020				
Source Map Scale Number	1	Inch(es)	=	2,000	Feet
--or--		Centimeter(s)	=		Meters

PROJECT INFORMATION

Project Name
Regional Energy Access Expansion Project

Project Description
The Project is an expansion of Transco's existing natural gas transmission system that will enable Transco to provide an incremental 829,400 dekatherms per day (Dth/d) of year-round firm transportation capacity from the Marcellus Shale production area in northeastern Pennsylvania (PA) to multiple delivery points along Transco's Leidy Line in PA, Transco's mainline at the Station 210 Zone 6 Pooling Point in Mercer County, New Jersey (NJ) and multiple delivery points in Transco's Zone 6 in NJ, PA, and Maryland (MD). The Project will consist of the following components:

• Approximately 22.2 miles of 30-inch-diameter pipeline partially collocated with Transco's Leidy Line A from milepost (MP) 0.00 to MP 22.32 in Luzerne County, PA (Regional Energy Lateral);

• Approximately 13.8 miles of 42-inch-diameter pipeline collocated with Transco's Leidy Line System from MP 43.72 to MP 57.50 in Monroe County, PA (Effort Loop);

• New electric motor-driven compressor station identified as Compressor Station 201 with 9,000 nominal horsepower (HP) in Gloucester County, NJ;

• Addition of two gas-fired turbine driven compressor units with 31,800 nominal HP at ISO conditions at existing Compressor Station 505 in Somerset County, NJ, to accommodate the abandonment and replacement of approximately 16,000 HP from eight existing internal combustion engine-driven compressor units and increase the certificated station compression by 15,800 HP;

• Addition of two gas-fired turbine driven compressor units with 63,742 nominal HP at ISO conditions and modification of three existing compressors at existing Compressor Station 515 in Luzerne County, PA to support the Project and to accommodate the abandonment and replacement of approximately 17,000 HP from five existing gas-fired reciprocating engine driven compressors and increase the certificated station compression by 46,742 HP;

• Uprate and rewheel two existing electric motor-driven compressor units at existing Compressor Station 195 in York County, PA to increase the certificated station compression by 6,000 HP and accommodate the abandonment of two existing gas-fired reciprocating engine driven compressors, which total approximately 8,000 HP;

• Modifications at existing Compressor Station 200 in Chester County, PA;

• Uprate one existing electric motor-driven compressor unit at Compressor Station 207 in Middlesex County, NJ to increase the certificated station compression by 4,100 HP;

• Modifications to three (3) existing pipeline tie-ins in PA (Hildebrandt Tie-in, Lower Demunds REL Tie-in, and Carverton Tie-in);

• Addition of regulation controls at an existing valve setting on Transco's Mainline "A" in Bucks County, PA (Mainline A Regulator);

• Modifications at the existing Delaware River Regulator in Northampton County, PA;

• Modifications at the existing Centerville Regulator in Somerset County, NJ;

• Modifications to the existing valves and piping at the Princeton Junction (Station 210 Pooling Point) in Mercer County, NJ;

• Modifications to three (3) existing delivery meter stations in NJ (Camden M&R Station, Lawnside M&R Station, and Mt. Laurel M&R Station);

• Modifications to one (1) existing delivery meter station in MD (Beaver Dam M&R Station);

• Contractual changes (no modifications) at ten (10) existing delivery meter stations in PA and NJ (Algonquin-Centerville Meter Station, Post Road Meter Station, New Village Meter Station, Spruce Run Meter Station, Marcus Hook Meter Station, Ivyland Meter Station, Repaupo Meter Station, Morgan Meter Station, Lower Mud Run Meter Station, and Chesterfield Meter Station);

• Additional ancillary facilities, such as mainline valves (MLVs), cathodic protection, communication facilities, and internal inspection device (e.g., pig) launchers and receivers in PA; and

• Existing, improved, and new access roads and contractor yards/staging areas in PA, NJ, and MD.

In an ongoing effort to reduce its air emissions footprint, Transco is assessing the replacement of vintage gas-fired reciprocating engine driven compressors with more efficient state-of-the-art gas-fired turbine driven compressors. The proposed compression abandonment and replacement scopes at Transco's existing Compressor Station 505 and Compressor Station 515 are part of this effort and have been adopted into the Project scope. Additionally, the uprate and optimization of existing electric motor-driven compression to accommodate abandonment of gas-fired reciprocating engine driven compression at Compressor Station 195 has also been adopted into the Project scope.

The Algonquin-Centerville, Post Road, New Village, Spruce Run, Marcus Hook, Ivyland, Repaupo, Morgan, Lower Mud Run, and Chesterfield Meter Stations can accommodate the contractual changes proposed as part of this Project; therefore, no modifications are proposed at these facilities

Project Consultant Last Name	**First Name**	**MI**	**Suffix**
Nelson	Ryan		

Project Consultant Title	**Consulting Firm**
Senior Project Manager	WHM Consulting, LLC

Mailing Address Line 1	**Mailing Address Line 2**
2525 Green Tech Drive; Suite B	

Address Last Line – City	**State**	**ZIP+4**
State College	PA	16803

Phone	**Ext**	**FAX**	**Email Address**
(814) 689-1650	102		ryann@whmgroup.com

Time Schedules	**Project Milestone (Optional)**
March 2021	Submit 401 WQC
April 2021	Submit Chapter 102 / 105 Permits
2nd Quarter of 2023	Commence Construction
4th Quarter 2024	In-service Date

1. Is the project located in or within a 0.5-mile radius of an Environmental Justice community as defined by DEP? ☒ Yes ☐ No

To determine if the project is located in or within a 0.5-mile radius of an environmental justice community, please use the online Environmental Justice Areas Viewer.

2. Have you informed the surrounding community prior to submitting the application to the Department? ☒ Yes ☐ No

Method of notification:

1) Open house schedule mailed to affected parties;

2) Newspaper advertisements of open houses placed in newspapers of general circulation in the Project area;

3) Open houses (a mixture of virtual and in-person) held in the county of each major project scope item;
4) Newspaper advertisements prior to commencement of construction, which will be placed in those same publications;
5) Notification to businesses potentially affected by construction;
6) Designation of a point of contact for stakeholder communication;
7) A Project toll free telephone number for public inquiries; and
•8) A Project website with periodic updates of relevant information.

3. Have you addressed community concerns that were identified? ☒ Yes ☐ No ☐ N/A

If no, please briefly describe the community concerns that have been expressed and not addressed.

4. Is your project funded by state or federal grants? ☐ Yes ☒ No

Note: If "Yes", specify what aspect of the project is related to the grant and provide the grant source, contact person and grant expiration date.

Aspect of Project Related to Grant
Grant Source: _____
Grant Contact Person: _____
Grant Expiration Date: _____

5. Is this application for an authorization on Appendix A of the Land Use Policy? (For referenced list, see Appendix A of the Land Use Policy attached to GIF instructions) ☒ Yes ☐ No

Note: If "No" to Question 5, the application is not subject to the Land Use Policy.
If "Yes" to Question 5, the application is subject to this policy and the Applicant should answer the additional questions in the **Land Use Information** section.

LAND USE INFORMATION

Note: Applicants should submit copies of local land use approvals or other evidence of compliance with local comprehensive plans and zoning ordinances.

1.	**Is there an adopted county or multi-county comprehensive plan?**	☒	Yes	☐	No
2.	**Is there a county stormwater management plan?**	☒	Yes	☐	No
3.	**Is there an adopted municipal or multi-municipal comprehensive plan?**	☒	Yes	☐	No
4.	**Is there an adopted county-wide zoning ordinance, municipal zoning ordinance or joint municipal zoning ordinance?**	☒	Yes	☐	No
5.	**Does the proposed project meet the provisions of the zoning ordinance or does the proposed project have zoning approval?** If zoning approval has been received, attach documentation.	☒	Yes	☐	No
6.	**Have you attached Municipal and County Land Use Letters for the project?**	☐	Yes	☒	No

Note: If the Applicant answers "No" to either Questions 1, 3 or 4, the provisions of the PA MPC are not applicable and the Applicant does not need to respond to questions 5 and 6 below.
If the Applicant answers "Yes" to questions 1, 3 and 4, the Applicant should respond to questions 5 and 6 below.

* This Project is regulated by the Federal Energy Regulatory Commission (FERC) under the Natural Gas Act. FERC has exclusive jurisdiction over siting of the Project, therefore, local zoning is preempted.

COORDINATION INFORMATION

Note: The PA Historical and Museum Commission must be notified of proposed projects in accordance with DEP Technical Guidance Document 012-0700-001 utilizing the Project Review Form.

If the activity will be a mining project (i.e., mining of coal or industrial minerals, coal refuse disposal and/or the operation of a coal or industrial minerals preparation/processing facility), respond to questions 1.0 through 2.5 below.

If the activity will not be a mining project, skip questions 1.0 through 2.5 and begin with question 3.0.

1.0	**Is this a coal mining project?** If "Yes", respond to 1.1-1.6. If "No", skip to Question 2.0.	☐	Yes	☒	No
1.1	**Will this coal mining project involve coal preparation/ processing activities in which the total amount of coal prepared/processed will be equal to or greater than 200 tons/day?**	☐	Yes	☐	No
1.2	**Will this coal mining project involve coal preparation/ processing activities in which the total amount of coal prepared/processed will be greater than 50,000 tons/year?**	☐	Yes	☐	No
1.3	**Will this coal mining project involve coal preparation/ processing activities in which thermal coal dryers or pneumatic coal cleaners will be used?**	☐	Yes	☐	No
1.4	**For this coal mining project, will sewage treatment facilities be constructed and treated waste water discharged to surface waters?**	☐	Yes	☐	No
1.5	**Will this coal mining project involve the construction of a permanent impoundment meeting one or more of the following criteria: (1) a contributory drainage area exceeding 100 acres; (2) a depth of water measured by the upstream toe of the dam at maximum storage elevation exceeding 15 feet; (3) an impounding capacity at maximum storage elevation exceeding 50 acre-feet?**	☐	Yes	☐	No
1.6	**Will this coal mining project involve underground coal mining to be conducted within 500 feet of an oil or gas well?**	☐	Yes	☐	No
2.0	**Is this a non-coal (industrial minerals) mining project?** If "Yes", respond to 2.1-2.6. If "No", skip to Question 3.0.	☐	Yes	☒	No
2.1	**Will this non-coal (industrial minerals) mining project involve the crushing and screening of non-coal minerals other than sand and gravel?**	☐	Yes	☐	No
2.2	**Will this non-coal (industrial minerals) mining project involve the crushing and/or screening of sand and gravel with the exception of wet sand and gravel operations (screening only) and dry sand and gravel operations with a capacity of less than 150 tons/hour of unconsolidated materials?**	☐	Yes	☐	No
2.3	**Will this non-coal (industrial minerals) mining project involve the construction, operation and/or modification of a portable non-metallic (i.e., non-coal) minerals processing plant under the authority of the General Permit for Portable Non-metallic Mineral Processing Plants (i.e., BAQ-PGPA/GP-3)?**	☐	Yes	☐	No
2.4	**For this non-coal (industrial minerals) mining project, will sewage treatment facilities be constructed and treated waste water discharged to surface waters?**	☐	Yes	☐	No
2.5	**Will this non-coal (industrial minerals) mining project involve the construction of a permanent impoundment meeting one or more of the following criteria: (1) a contributory drainage area exceeding 100 acres; (2) a depth of water measured by the upstream toe of the dam at maximum storage elevation exceeding 15 feet; (3) an impounding capacity at maximum storage elevation exceeding 50 acre-feet?**	☐	Yes	☐	No

3.0	**Will your project, activity, or authorization have anything to do with a well related to oil or gas production, have construction within 200 feet of, affect an oil or gas well, involve the waste from such a well, or string power lines above an oil or gas well?** If "Yes", respond to 3.1-3.3. If "No", skip to Question 4.0.	☐	Yes	☒	No
3.1	**Does the oil- or gas-related project involve any of the following: placement of fill, excavation within or placement of a structure, located in, along, across or projecting into a watercourse, floodway or body of water (including wetlands)?**	☐	Yes	☐	No
3.2	**Will the oil- or gas-related project involve discharge of industrial wastewater or stormwater to a dry swale, surface water, ground water or an existing sanitary sewer system or storm water system?** If "Yes", discuss in *Project Description*.	☐	Yes	☐	No
3.3	**Will the oil- or gas-related project involve the construction and operation of industrial waste treatment facilities?**	☐	Yes	☐	No
4.0	**Will the project involve a construction activity that results in earth disturbance?** If "Yes", specify the total disturbed acreage.	☒	Yes	☐	No
	4.0.1 Total Disturbed Acreage + / - 672				
	4.0.2 Will the project discharge or drain to a special protection water (EV or HQ) or an EV wetland?	☒	Yes	☐	No
	4.0.3 Will the project involve a construction activity that results in earth disturbance in the area of the earth disturbance that are contaminated at levels exceeding residential or non-residential medium-specific concentrations (MSCs) in 25 Pa. Code Chapter 250 at residential or non-residential construction sites, respectively?	☐	Yes	☒	No
5.0	**Does the project involve any of the following: water obstruction and/or encroachment, wetland impacts, or floodplain project by the Commonwealth/political subdivision or public utility?** If "Yes", respond to 5.1-5.7. If "No", skip to Question 6.0.	☒	Yes	☐	No
5.1	**Water Obstruction and Encroachment Projects – Does the project involve any of the following: placement of fill, excavation within or placement of a structure, located in, along, across or projecting into a watercourse, floodway or body of water?**	☒	Yes	☐	No
5.2	**Wetland Impacts – Does the project involve any of the following: placement of fill, excavation within or placement of a structure, located in, along, across or projecting into a wetland?**	☒	Yes	☐	No
5.3	**Floodplain Projects by the Commonwealth, a Political Subdivision of the Commonwealth or a Public Utility – Does the project involve any of the following: placement of fill, excavation within or placement of a structure, located in, along, across or projecting into a floodplain?**	☐	Yes	☒	No
5.4	**Is your project an interstate transmission natural gas pipeline?**	☒	Yes	☐	No
5.5	**Does your project consist of linear construction activities which result in earth disturbance in two or more DEP regions AND three or more counties?**	☒	Yes	☐	No
5.6	**Does your project utilize Floodplain Restoration as a best management practice for Post Construction Stormwater Management?**	☐	Yes	☒	No
5.7	**Does your project utilize Class V Gravity / Injection Wells as a best management practice for Post Construction Stormwater Management?**	☐	Yes	☒	No
6.0	**Will the project involve discharge of construction related stormwater to a dry swale, surface water, ground water or separate storm water system?**	☒	Yes	☐	No

6.1	**Will the project involve discharge of industrial waste stormwater or wastewater from an industrial activity or sewage to a dry swale, surface water, ground water or an existing sanitary sewer system or separate storm water system?**	☒	Yes	☐	No
7.0	**Will the project involve the construction and operation of industrial waste treatment facilities?**	☐	Yes	☒	No
8.0	**Will the project involve construction of sewage treatment facilities, sanitary sewers, or sewage pumping stations?** If "Yes", indicate estimated proposed flow (gal/day). Also, discuss the sanitary sewer pipe sizes and the number of pumping stations/treatment facilities/name of downstream sewage facilities in the *Project Description*, where applicable.	☐	Yes	☒	No
	8.0.1 Estimated Proposed Flow (gal/day)				
9.0	**Will the project involve the subdivision of land, or the generation of 800 gpd or more of sewage on an existing parcel of land or the generation of an additional 400 gpd of sewage on an already-developed parcel, or the generation of 800 gpd or more of industrial wastewater that would be discharged to an existing sanitary sewer system?**	☐	Yes	☒	No
	9.0.1 Was Act 537 sewage facilities planning submitted and approved by DEP? If "Yes" attach the approval letter. Approval required prior to 105/NPDES approval.	☐	Yes	☐	No
10.0	**Is this project for the beneficial use of biosolids for land application within Pennsylvania?** If "Yes" indicate how much (i.e. gallons or dry tons per year).	☐	Yes	☒	No
	10.0.1 Gallons Per Year (residential septage)				
	10.0.2 Dry Tons Per Year (biosolids)				
11.0	**Does the project involve construction, modification or removal of a dam?** If "Yes", identify the dam.	☐	Yes	☒	No
	11.0.1 Dam Name				
12.0	**Will the project interfere with the flow from, or otherwise impact, a dam?** If "Yes", identify the dam.	☐	Yes	☒	No
	12.0.1 Dam Name				
13.0	**Will the project involve operations (excluding during the construction period) that produce air emissions (i.e., NOX, VOC, etc.)?**	☒	Yes	☐	No
	13.0.1 If "Yes", is the operation subject to the agricultural exemption in 35 P.S. § 4004.1?	☐	Yes	☒	No

13.0.2 If the answer to 13.0.1 is "No", identify each type of emission followed by the estimated amount of that emission.

Enter all types & amounts of emissions; separate each set with semicolons.

Summary of Compressor Station 515 Estimated Net Operational Potential to Emit (PTE): NOx - 196.8; CO - 314.40; VOC - 50.6; SO2 - 14.0; PM10/PM2.5 - 30.6; Single HAP (formaldehyde)- 8.7; Total HAP - 12.2; CO2e - 511,413 = Annual (tpy)

Summary of Pipeline and M&R Station Estimated Operational Potential to Emit (PTE): VOC - 1.17; Single HAP - 0.20; Total HAP - 0.20; CO2e - 5460.47 = Annual (tpy)

Modifications to Compressor Station 195 and Compressor Station 200 only include uprating existing electric motor-driven compression capacity or piping and valve modifications; therefore, Transco anticipates these facilities will have insignificant operational emissions.

14.0	**Does the project include the construction or modification of a drinking water supply to serve 15 or more connections or 25 or more people, at least 60 days out of the year?** If "Yes", check all proposed sub-facilities.	☐	Yes	☒	No
	14.0.1 Number of Persons Served _____				
	14.0.2 Number of Employee/Guests _____				
	14.0.3 Number of Connections _____				
	14.0.4 Sub-Fac: Distribution System	☐	Yes	☐	No
	14.0.5 Sub-Fac: Water Treatment Plant	☐	Yes	☐	No
	14.0.6 Sub-Fac: Source	☐	Yes	☐	No
	14.0.7 Sub-Fac: Pump Station	☐	Yes	☐	No
	14.0.8 Sub Fac: Transmission Main	☐	Yes	☐	No
	14.0.9 Sub-Fac: Storage Facility	☐	Yes	☐	No
15.0	**Will your project include infiltration of storm water or waste water to ground water within one-half mile of a public water supply well, spring or infiltration gallery?**	☒	Yes	☐	No
16.0	**Is your project to be served by an existing public water supply?** If "Yes", indicate name of supplier and attach letter from supplier stating that it will serve the project.	☐	Yes	☒	No
	16.0.1 Supplier's Name _____				
	16.0.2 Letter of Approval from Supplier is Attached	☐	Yes	☐	No
17.0	**Will this project be served by on-lot drinking water wells?**	☐	Yes	☒	No
18.0	**Will this project involve a new or increased drinking water withdrawal from a river, stream, spring, lake, well or other water bod(ies)?** If "Yes", reference Safe Drinking Water Program.	☐	Yes	☒	No
	18.0.1 Source Name				
19.0	**Will the construction or operation of this project involve treatment, storage, reuse, or disposal of waste?** If "Yes", indicate what type (i.e., hazardous, municipal (including infectious & chemotherapeutic), residual) and the amount to be treated, stored, re-used or disposed.	☐	Yes	☒	No
	19.0.1 Type & Amount				
20.0	**Will your project involve the removal of coal, minerals, contaminated media, or solid waste as part of any earth disturbance activities?**	☐	Yes	☒	No
21.0	**Does your project involve installation of a field constructed underground storage tank?** If "Yes", list each Substance & its Capacity. **Note:** Applicant may need a Storage Tank Site Specific Installation Permit.	☐	Yes	☒	No
	21.0.1 Enter all substances & capacity of each; separate each set with semicolons.				
22.0	**Does your project involve installation of an aboveground storage tank greater than 21,000 gallons capacity at an existing facility?** If "Yes", list each Substance & its Capacity. **Note:** Applicant may need a Storage Tank Site Specific Installation Permit.	☐	Yes	☒	No
	22.0.1 Enter all substances & capacity of each; separate each set with semicolons.				
23.0	**Does your project involve installation of a tank greater than 1,100 gallons which will contain a highly hazardous substance as defined in DEP's Regulated Substances List, 2570-BK-DEP2724?** If "Yes", list each Substance & its Capacity. **Note:** Applicant may need a Storage Tank Site Specific Installation Permit.	☐	Yes	☒	No
	23.0.1 Enter all substances & capacity of each; separate each set with semicolons.				

24.0	**Does your project involve installation of a storage tank at a new facility with a total AST capacity greater than 21,000 gallons?** If "Yes", list each Substance & its Capacity. **Note:** Applicant may need a Storage Tank Site Specific Installation Permit. **24.0.1 Enter all substances & capacity of each; separate each set with semicolons.**	☐	Yes	☒	No

NOTE: If the project includes the installation of a regulated storage tank system, including diesel emergency generator systems, the project may require the use of a Department Certified Tank Handler. For a full list of regulated storage tanks and substances, please go to www.dep.pa.gov search term storage tanks

25.0	**Will the intended activity involve the use of a radiation source?**	☐	Yes	☒	No

CERTIFICATION

I certify that I have the authority to submit this application on behalf of the applicant named herein and that the information provided in this application is true and correct to the best of my knowledge and information.

For applicants supplying an EIN number: I am applying for a permit or authorization from the Pennsylvania Department of Environmental Protection (DEP). As part of this application, I will provide DEP with an accurate EIN number for the applicant entity. By filing this application with DEP, I hereby authorize DEP to confirm the accuracy of the EIN number provided with the Pennsylvania Department of Revenue. As applicant, I further consent to the Department of Revenue discussing the same with DEP prior to issuance of the Commonwealth permit or authorization.

Type or Print Name Joseph Dean

Signature	Title	Date
	Manager, Permitting	02/24/2022

GIF Supporting Information

Project Component	Site	Site Location City	ZIP Code	Detailed Written Directions to Site	Latitude / Longitude
Effort Loop	Eastern Terminus	Saylorsburg	18353	From 209: heading East – Turn Right onto Frable Rd/T432. Follow for 1.7 miles. Turn Right onto Meixsell Valley Road/T361. Follow for .2 miles then turn left. Destination is in ~340 feet. Heading West-Turn Left onto Rte 115. Follow for 1.1 miles, then turn right onto Meixsell Valley Rd/T361. Continue for 1.4 miles then turn left. Destination is in ~340 feet.	40.896796, -75.370606
	Western Terminus	Long Pond	18334	From I-80: Heading East- Take exit 284 for PA-115 towards Blakeslee. Keep right at the fork, follow signs for Lake Harmony/Brodheadsville and merge on PA-115 S. Follow for 3.2 miles. Turn Left onto Long Pond Road. Destination will be in ~.2 miles. Heading West- Take exit 384 for PA-115 S. Turn left onto PA-115 S. Follow for 3.4 miles. Turn Left onto Long Pond Rd. Destination will be in ~.2 miles.	41.053413, -75.526178
Regional Energy Lateral	Eastern Terminus	White Haven	18661	From I-80: Heading West-Take exit 284 towards Blakeslee. Merge onto PA-115 N. Follow for 8.2 Miles. Turn Right onto Ridgeway Ave. Destination will be in .2 miles. Heading East- Take exit 284 towards Blakeslee. Turn left onto PA-115 N. Follow for 8.4 miles. Turn Right onto Ridgeway Ave. Destination will be in .2 miles. From I-476: Heading South- Take exit 105 to merge onto PA-115 S. Follow PA-115 S for 8.4 miles. Turn left onto Ridgeway Ave. Destination will be in .2 Miles	41.173337, -75.671706
	Western Terminus	Dallas	18612	From PA-309: Heading South-Head South on PA-309 S toward Dallas RV and MHP. Turn Left onto Hildebrandt Rd. Follow for .4 miles then turn right onto Conyngham Ave. Follow for .4 miles. Continue onto Fairground Road. Destination will be to the left in .2 Miles. Heading North-Head North on PA-309 N toward Grandview Ave. Turn right onto Hildebrandt Rd. Follow for .4 miles then turn right onto Conyngham Ave. Follow for .4 miles. Continue onto Fairground Road. Destination will be to the left in .2 Miles.	41.346917, -75.946263
Compressor Station 515		White Haven	18661	Same as REL Eastern Terminus	41.173337, -75.671706
Compressor Station 200		Frazer	19355	From I-76: East Bound- Take exit 312 toward PA-100 S/Pottstown Pike (Toll Rd). Keep left at the fork and follow signs for PA-100 S/Downingtown and merge onto PA-100 S/Pottstown Pike. Follow for 2.5 miles. Turn left onto N. Ship Rd and follow for .6 miles. Turn left onto Valley Hill Rd and follow for 1.7 miles. Turn right onto PA-401 E. Follow for .5 miles then turn right onto Bacton Hill Rd. Destination will be in .5 Miles. Heading West-Take exit 320 toward Melvern Turn left onto PA-29 S. Turn right at the 1st cross street onto Flat Rd. Turn right onto Sidley Road and then in .4 miles, turn left onto Phoenixville Pike. In .9 miles turn right onto PA-401 W and follow for 1 mile. Turn left onto N. Bacton Hill Road. Destination will be on the right in .5 miles.	40.049969, -75.585849
Delaware River Regulator/Lower Mud Run Meter Station		Easton	18040	To Delaware River Regulator- From 22: East Bound- Take the 4th Street/PA-248 Exit toward PA-611. Turn Left onto PA-248 E/Bushkill St. Follow for .4 miles then turn left onto PA-611 N. Keep right to continue on PA-611 N/N Delaware Dr and follow for 5 miles. Turn Left onto Lower Mud Run Rd. Destination will be on the left in .4 miles. To Lower Mud Run Meter Station- Head +/- 200' northwest from the Delaware River Regulator. The site is immediately adjacent to Delaware River Regulator.	40.762166, -75.19644/ 40.762706, -75.197631
Main Line A Regulator		Washington Crossing	18977	From I-295: Take exit 10 toward New Hope. Turn left onto Taylorsville Rd. Continue straight to stay on Taylorsville Rd. In .9 miles turn right onto Mt Eyre Rd. Follow for .2 miles then turn right onto PA-32 S. The destination will be on the right in 407 feet.	40.268063, -74.857125

Transcontinental Gas Pipe Line Company, LLC

Requirement I – Project Location Map

Regional Energy Access Expansion Project –
Regional Energy Lateral and Existing Compressor Station 515

April 2021
(Revised March 2022)

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Proposed Facility Modification/Addition
Existing Compressor Station
Mile Post
Existing Springville Pipeline
Proposed Pipeline
Existing Transco Pipelines
Proposed Limits of Disturbance
Municipal Boundaries

Existing Compressor Station 515 and Proposed MLV-515RA10

Notes:
1. Maps Reduced from USGS 7.5 Minute Quadrangles:
Avoca, Kingston, Pittston, Pleasant View Summit, & Wilkes-Barre East

1 Inch = 2,000 Feet
0 2,000 4,000 Feet

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TRANSCONTINENTAL GAS PIPE LINE COMPANY, LLC

REGIONAL ENERGY ACCESS EXPANSION PROJECT
PROPOSED 30" REGIONAL ENERGY LATERAL

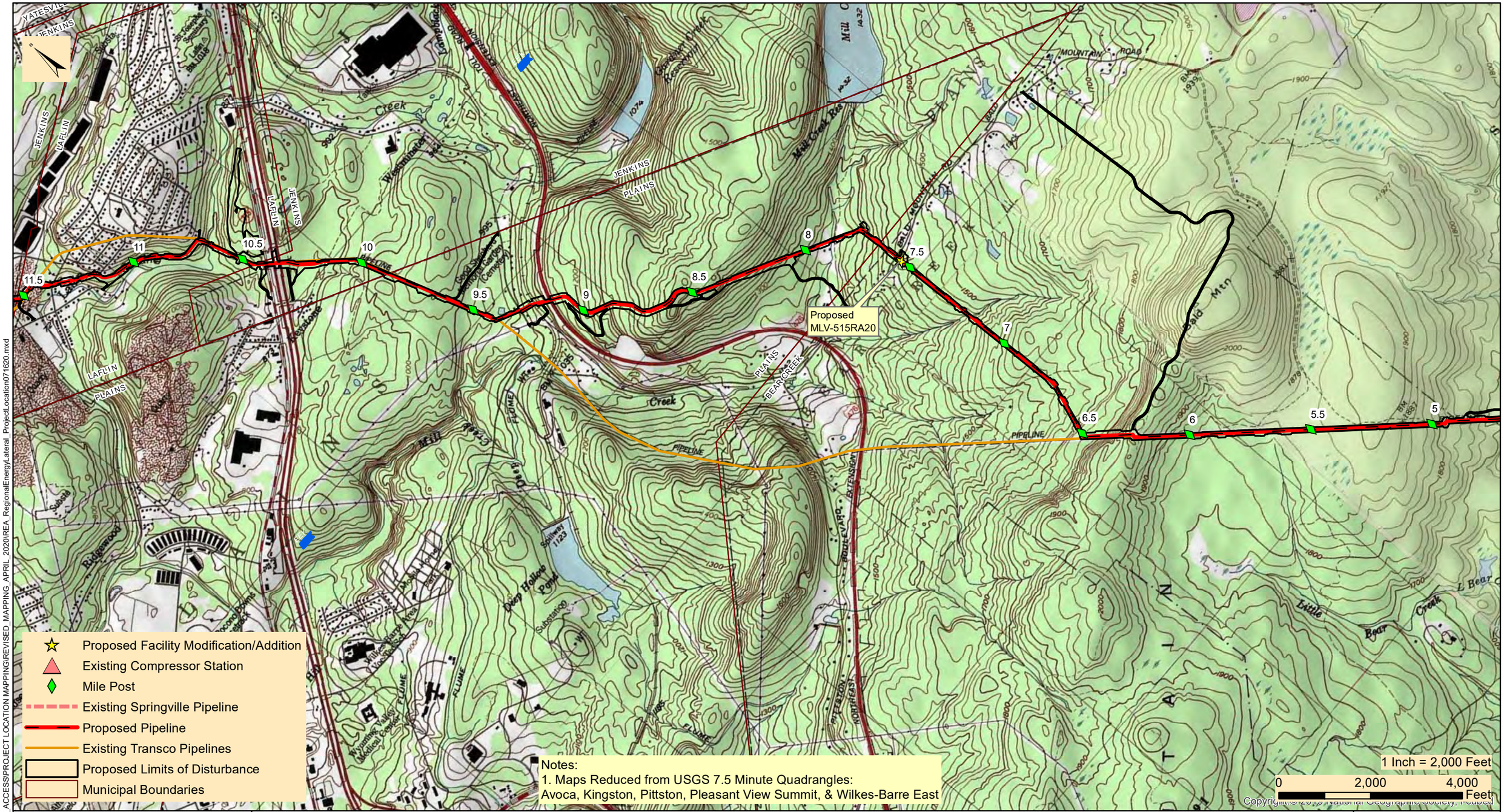
PROJECT LOCATION MAP

BUCK & BEAR CREEK TOWNSHIPS | LUZERNE COUNTY | PENNSYLVANIA

Date: 2/28/2022

Drawn By: FTN

Figure Number: REL-1



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TRANSCONTINENTAL GAS PIPE LINE COMPANY, LLC

REGIONAL ENERGY ACCESS EXPANSION PROJECT

PROPOSED 30" REGIONAL ENERGY LATERAL

PROJECT LOCATION MAP

BEAR CREEK, JENKINS, PLAINS TWPS, & LAFLIN BOROUGH | LUZERNE COUNTY | PENNSYLVANIA

Date: 2/28/2022

Drawn By: FTN

Figure Number: REL-2

Carverton Tie-In

Proposed MLV-515RA30

17.5 17 16.5 16 15.5 15 14.5 14 13.5 13 12.5 12 11.5 11 10.5 10

- Proposed Facility Modification/Addition
- Existing Compressor Station
- Mile Post
- Existing Springville Pipeline
- Proposed Pipeline
- Existing Transco Pipelines
- Proposed Limits of Disturbance
- Municipal Boundaries

Notes:
1. Maps Reduced from USGS 7.5 Minute Quadrangles:
Avoca, Kingston, Pittston, Pleasant View Summit, & Wilkes-Barre East

1 Inch = 2,000 Feet
0 2,000 4,000 Feet

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TRANSCONTINENTAL GAS PIPE LINE COMPANY, LLC

REGIONAL ENERGY ACCESS EXPANSION PROJECT

PROPOSED 30" REGIONAL ENERGY LATERAL

PROJECT LOCATION MAP

KINGSTON, JENKINS, WEST WYOMING, WYOMING, & LAFLIN | LUZERNE COUNTY | PENNSYLVANIA

Date: 2/28/2022

Drawn By: FTN

Figure Number: REL-3

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20.5
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17
16.5

Hildebrandt Tie-in/
MLV-515RA40

Lower Demunds
REL Tie-In

Carverton
Tie-In

Proposed Facility Modification/Addition
Existing Compressor Station
Mile Post
Existing Springville Pipeline
Proposed Pipeline
Existing Transco Pipelines
Proposed Limits of Disturbance
Municipal Boundaries

Notes:
1. Maps Reduced from USGS 7.5 Minute Quadrangles:
Avoca, Kingston, Pittston, Pleasant View Summit, & Wilkes-Barre East

1 Inch = 2,000 Feet
0 2,000 4,000 Feet

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TRANSCONTINENTAL GAS PIPE LINE COMPANY, LLC

REGIONAL ENERGY ACCESS EXPANSION PROJECT
PROPOSED 30" REGIONAL ENERGY LATERAL

PROJECT LOCATION MAP

DALLAS, KINGSTON, & WEST WYOMING TOWNSHIP | LUZERNE COUNTY | PENNSYLVANIA

Date: 2/28/2022

Drawn By: FTN

Figure Number: REL-4

Tax Account Number / APN	Legal Desc County	Municipality
05K14 00A046000	Luzerne	Buck
05J14 00AVAR000	Luzerne	Buck
05K14 00A050000	Luzerne	Buck
05J14 00AVAR000	Luzerne	Buck
05J14 00AVAR000	Luzerne	Buck
05K14 00A051000	Luzerne	Buck
05J14 00AVAR000	Luzerne	Buck
05K14 00A01C000	Luzerne	Buck
05J14 00AVAR000	Luzerne	Buck
05K13 00A002000	Luzerne	Buck
05J14 00AVAR000	Luzerne	Buck
05K14 00A050000	Luzerne	Buck
05J14 00AVAR000	Luzerne	Buck
05J14 00AVAR000	Luzerne	Buck

COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
BUREAU OF CLEAN WATER

MUNICIPAL NOTIFICATION OF PLANNED LAND DEVELOPMENT FOR CHAPTER 102 PERMITS

PROJECT INFORMATION (COMPLETED BY APPLICANT)

Applicant Name:	**Transcontinental Gas Pipe Line Company, a subsidiary of Williams Partners, L.P.**	Contact Name:	**Joseph Dean** **Manager-Permitting**
Applicant Address:	**2800 Post Oak Blvd, Level 11**	Contact Phone:	**(713) 215-3427**
Applicant City, State, ZIP:	**Houston, TX 77056**	County:	**Luzerne**
		Municipality:	**Dallas**
		Project Area:	**63.18** acres ☐ Phased
		Disturbance:	**28.86** acres

Description of Proposed Land Development and Stormwater Controls:

The Regional Energy Lateral component of the Regional Energy Access Expansion Project will consist of approximately 22.3 miles of 30-inch diameter pipeline, partially co-located with existing Transco Leidy Line-A, in Buck, Bear Creek, Plains, Jenkins, Kingston and Dallas Townships, and Laflin, Wyoming, and West Wyoming Boroughs, Luzerne County, Pennsylvania. The Regional Energy Lateral begins at existing Compressor Station 515 in Buck Township and continues westward to its terminus at Transco's existing Hildebrandt Tie-in in Dallas Township. Transco will be installing four mainline valves with appurtenant equipment, as a means to isolate gas flows along the Regional Energy Lateral. The mainline valve sites at each pipeline terminus (MLV515RA10 at Compressor Station 515 and MLV515RA40 at the Hildebrandt Tie-in) will also have pig traps (industry term for manifolds that launch or receive in-line inspection tools). The other two valve sites are proposed along the pipeline route (MLV515RA20 at Milepost 7.5 and MLV515RA30 at Milepost 14.8). Modifications at three existing pipeline interconnects are proposed to tie-in the proposed pipeline to the existing facilities. The Carverton Tie-In is located at Milepost 16.8. The Lower Demunds Tie-In is located at Milepost 22.3 and also includes a +/- 400-ft segment of 20-in pipeline to connect to the existing facility. The Hildebrandt Tie-In is located at the Regional Energy Lateral pipeline terminus and includes MLV515RA40. Two contractor yards are proposed for the Project and are located adjacent to the pipeline. CY-LU-001 is located at Milepost 15.3 and CY-LU-002 is located at Milepost 10.5. Cathodic protection equipment will be installed along the pipeline route. Deep anode ground beds are proposed at Mileposts 7.5 and 19.8, and one remote anode ground bed is proposed at Milepost 15.3. E&S and PCSM BMP's are proposed within Dallas Township, with PCSM BMP's proposed at the Lower Demunds Tie-In and MLV515RA40 sites.

Tax Parcel ID(s) Affected by Proposed Land Development:

See attached table

Surface Waters Receiving Stormwater Discharges:

Toby Creek, Trout Brook

Discharge to: ☐ MS4 ☐ Other SS ☐ CSS

The following information was submitted to the municipality for this project:

☐ Land Development / Subdivision Plan ☒ E&S Plan ☒ PCSM Plan ☐ Other:

***On March 31, 2021 Transco submitted to you its E&S and PCSM Plans (Plans) as part of the ESCGP-3 permit application notification. The purpose of this notice is to let you know that Transco will be submitting an Erosion and Sediment Control Permit for Discharges of Stormwater Associated with Construction Activities Application to the PA Dept. of Environmental Protection to replace the ESCGP-3 application. Please refer to the previously submitted Plans.**

MUNICIPAL PLAN / ORDINANCE INFORMATION (COMPLETED BY MUNICIPALITY)		
1. Is there an adopted municipal or multi-municipal comprehensive plan?	☐ Yes	☐ No
2. Is there an enacted municipal or multi-municipal zoning ordinance?	☐ Yes	☐ No
3. If Yes to #2, is the proposed project consistent with the ordinance?	☐ Yes	☐ No
4. Is there a municipal stormwater management ordinance?	☐ Yes	☐ No
5. If Yes to #4, is the proposed project consistent with the ordinance, without waiver?	☐ Yes	☐ No

6. If Yes to #4, indicate type of ordinance: ☐ Act 167 Model Ordinance ☐ DEP Model Ordinance (MS4s) ☐ Other

APPLICANT CERTIFICATION	MUNICIPAL ACKNOWLEDGEMENT
I certify under penalty of law (see 18 Pa.C.S. § 4904 (relating to unsworn falsification)) that the information reported herein was prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the information, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.	The municipality acknowledges that a permit application for the above-referenced project has been submitted to a reviewing agency and that notification requirements of Act 14 of 1984 and Acts 67, 68, and 127 of 2000 have been satisfied. The information reported herein by the municipality is true and accurate. The municipality reserves the right to comment to the reviewing agency relative to comprehensive plans, zoning, and stormwater ordinance consistency. Municipal acknowledgment of receipt of notification shall not be construed as project approval.

Joseph Dean

Applicant Name

Municipal Representative Name

Applicant Signature

Municipal Representative Signature

Manager - Permitting

Applicant Title

Municipal Representative Title

07/01/2021

Date of Signature

Date of Signature

Tax Account Number / APN	Legal Desc County	Municipality
10D8 00A018000	Luzerne	Dallas
10D8 00A019000	Luzerne	Dallas
10D8 00A023000	Luzerne	Dallas
10D8 00A024000	Luzerne	Dallas
10D8 00A057000	Luzerne	Dallas
10D8 00A062000	Luzerne	Dallas
10D8 00A19D000	Luzerne	Dallas
10D8 00A51A000	Luzerne	Dallas
10D8 00A57A000	Luzerne	Dallas
10D8 00A63B000	Luzerne	Dallas
10-D8- 00A-63M-000	Luzerne	Dallas
10D8 00A63T000	Luzerne	Dallas
10D8S5 005023000	Luzerne	Dallas
10D8S5 006011000	Luzerne	Dallas
10D8S5 006015000	Luzerne	Dallas
10D8S5 VARVAR000	Luzerne	Dallas
10D8S5 VARVAR000	Luzerne	Dallas
10D8S5 VARVAR000	Luzerne	Dallas
10D8S5 VARVAR000	Luzerne	Dallas
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10D8S5 VARVAR000	Luzerne	Dallas
10D8S5 VARVAR000	Luzerne	Dallas
10D9 00A010000	Luzerne	Dallas

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March 31, 2021

UPS TRACKING (1Z8797VV039788235)

Dallas Township Supervisors
105 Lt. Michael Cleary Dr.
Dallas, PA 18612

Re: Regional Energy Access Expansion Project– Regional Energy Lateral and Compressor Station 515
Pennsylvania Acts 14, 67, 68, and 127 Notification
Dallas Township, Luzerne County, Pennsylvania

Dear Township Supervisors:

This municipal notice, under the requirements of Act 14, 97 P.S. § 510-5, is to inform you that Transcontinental Gas Pipe Line Company, LLC (Transco), a subsidiary of The Williams Companies, Inc. (Williams) is applying for coverage under the Erosion and Sediment Control General Permit (ESCGP-3) for Earth Disturbance Associated with Oil & Gas Exploration, Production, Processing or Treatment Operations or Transmission Facilities from the Pennsylvania Department of Environmental Protection (DEP).

1) Project Name: Regional Energy Access Expansion Project – Regional Energy Lateral and Compressor Station 515

2) Project Description: Transco, indirectly owned by The Williams Companies, Inc. (Williams), is seeking authorization from the Federal Energy Regulatory Commission (FERC or Commission) under Section 7(c) of the Natural Gas Act and Part 157 of the Commission's regulations, to construct, own, operate, and maintain the proposed Project facilities. The Project is an expansion of Transco's existing natural gas transmission system that will enable Transco to provide an incremental 829,400 dekatherms per day (Dth/d) of year-round firm transportation capacity from the Marcellus Shale production area in northeastern Pennsylvania (PA) to multiple delivery points along Transco's Leidy Line in PA, Transco's mainline at the Station 210 Zone 6 Pooling Point in Mercer County, New Jersey (NJ) and multiple delivery points in Transco's Zone 6 in NJ, PA, and Maryland (MD).

The Regional Energy Lateral component of the Project will consist of approximately 22.3 miles of 30-inch diameter pipeline, partially co-located with existing Transco Leidy Line-A, in Buck, Bear Creek, Plains, Jenkins, Kingston and Dallas Townships, and Laflin, Wyoming, and West Wyoming Boroughs, Luzerne County, Pennsylvania. The Regional Energy Lateral begins at existing Compressor Station 515 in Buck Township and continues westward to its terminus at Transco's existing Hildebrandt Tie-in in Dallas Township. Transco will be installing four mainline valves with appurtenant equipment, as a means to isolate gas flows along the Regional Energy Lateral. The mainline valve sites at each pipeline terminus (MLV515RA10 at Compressor Station 515 and MLV515RA40 at the Hildebrandt Tie-in) will also have pig traps (industry term for manifolds that launch or receive in-line inspection tools). The other two valve sites are proposed along the pipeline route (MLV515RA20 at Milepost 7.5 and MLV515RA30 at Milepost 14.8). Modifications at three existing pipeline interconnects are proposed to tie-in the proposed pipeline to the existing facilities. The Carverton Tie-In is located at Milepost 16.8. The Lower Demunds Tie-In is located at Milepost 22.3 and also includes a +/- 400-ft segment of 20-in pipeline to connect to the existing facility. The Hildebrandt Tie-In is located at the Regional Energy Lateral pipeline terminus and includes MLV515RA40. Two contractor yards are proposed for the Project and are located adjacent to the pipeline. CY-LU-001 is located at Milepost 15.3 and CY-LU-002 is located at Milepost 10.5. Cathodic protection equipment will be installed along the pipeline route. Deep anode ground beds are proposed at Mileposts 7.5 and 19.8, and one remote anode ground bed is proposed at Milepost 15.3.

The existing Compressor Station 515 component of the Project is located at the eastern terminus of the Regional Energy Lateral in Buck Township, Luzerne County. Proposed at this facility is the addition of two gas-fired turbine driven compressor units with 63,742 nominal HP at ISO conditions and modification of three existing compressors to support the Project and to accommodate the abandonment and replacement of approximately 17,000 HP from five existing gas-fired reciprocating engine driven compressors and increase the certificated station compression by 46,742 HP. One Mainline Valve will be installed at this facility (MLV515RA10).

3) Applicant Name: Transcontinental Gas Pipe Line Company, LLC's (Transco), a subsidiary of Williams Partners L.P. (Williams)

4) Applicant Contact: Joseph Dean
Manager, Permitting
2800 Post Oak Blvd, Level 11
Houston, TX 77056
(713) 215-3427

5) Site Location: The proposed Project is located on the Kingston, Pittston, Wilks-Barre East, Pleasant View Summit, Pennsylvania, 7.5 Minute USGS quadrangle. The Project is partially co-located with an existing pipeline right-of-way. The eastern terminus of the Regional Energy Lateral is located at: 41°10'24.037" 75°40'18.141"W, and is also the location of Compressor Station 515. The western pipeline terminus: 41°20'48.869"N, 75°56'46.642"W.

6) Municipality / County: Buck, Bear Creek, Plains, Jenkins, Kingston, and Dallas Townships, Wyoming, West Wyoming, and Laflin Boroughs, Luzerne County

Act 14, which amended the Commonwealth's Administrative Code (71 P.S. § 510-5), requires every applicant for a new, amended, or revised permit to give written notice to each municipality (borough, township) and county government in which the facility is located. The municipality and county government must receive the written notice at least thirty (30) - days before DEP may issue or deny approval of coverage.

Enclosed is a complete copy of the Notice of Intent (NOI) completed for the project as well as copies of the erosion and sediment control plan and post construction stormwater management plans.

Sincerely,

Ryan J. Nelson, PWS
WHM Consulting, LLC

Enclosures:
NOI Form
Erosion and Sediment Control Plan Drawings
Post Construction Stormwater Management Plan Drawings

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pennsylvania
DEPARTMENT OF ENVIRONMENTAL PROTECTION

COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
OFFICE OF WATER PROGRAMS
OFFICE OF OIL AND GAS MANAGEMENT

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NOTICE OF INTENT (NOI) FOR COVERAGE UNDER THE EROSION AND SEDIMENT CONTROL GENERAL PERMIT (ESCGP-3) FOR EARTH DISTURBANCE ASSOCIATED WITH OIL AND GAS EXPLORATION, PRODUCTION, PROCESSING, OR TREATMENT OPERATIONS OR TRANSMISSION FACILITIES

READ THE INSTRUCTIONS PROVIDED IN THIS PERMIT APPLICATION PACKAGE BEFORE COMPLETING THIS FORM. PLEASE PRINT OR TYPE INFORMATION IN BLACK OR BLUE INK.

SECTION A. APPLICATION TYPE

Check one:

NEW ☒ **RENEWAL** ☐ **MAJOR MODIFICATIONS (Provide ESCGP number)** ☐

PHASED ☐ (check only if applicable; *note: Most projects are not submitted as phased projects*)

Check one: EXPEDITED ☐ **STANDARD** ☒

If an Expedited Review Process being requested, be advised that the Expedited Review is not available for all projects. Refer to Section D - Expedited Review Process of the ESCGP-3 NOI Instructions to determine if the project is eligible.

SECTION B. CLIENT INFORMATION

Applicant's Last Name (If applicable)	First Name	MI	Telephone No.
Organization Name or Registered Fictitious Name Transcontinental Gas Pipe Line Company, LLC (Contact: Joseph Dean)			Telephone No. (713) 215-3427
DEP Client ID No.			
Headquarters Mailing Address 2800 Post Oak Blvd, Level 11	City Houston	State TX	ZIP Code 77056
Email Address Joseph.Dean@williams.com			
Co-Applicant's Last Name (If applicable)	First Name	MI	Telephone No.
Organization Name or Registered Fictitious Name			Telephone No.

Address	City	State	ZIP Code
Email Address			

SECTION C. SITE INFORMATION			
Is there an existing ESCGP associated with this site? ☐ Yes ☒ No If yes, Permit No. _____			
Has a well permit application been submitted for this site? ☐ Yes ☒ No If yes, Permit No. _____ Does this site have a 911 address? ☐ Yes ☒ No If yes, provide site location address.			
Site Name Regional Energy Access Expansion Project			
Site Location See Attachment 1-1.1- NOI Supporting Information	Site No. (if another permit has been issued for the site)		
Site Location – City See Attachment 1-1.1- NOI Supporting Information		State PA	ZIP Code
Detailed Written Directions to Site See Attachment 1-1.1- NOI Supporting Information for locations of all project sites			

Primary Location	County	Municipality	City	Boro	Twp.
	Luzerne, Northhampton, Bucks, Chester, and Monroe	Buck, Bear Creek, Plains, Jenkins, Kingston, Lower Mt. Bethel, Ross, Chestnut Hill, Tunkhannock, Lower Makefield, East Whiteland and Dallas Townships Wyoming, West Wyoming, and Laflin Boroughs	☐	☒	☒

SECTION D. EXPEDITED REVIEW	
I. Expedited Review Eligibility	
1. Is any part of the project in the watershed of a surface water with an existing or designated use of exceptional value or high quality pursuant to Chapter 93 (relating to water quality standards), in an exceptional value wetland in accordance with 25 Pa. Code § 105.17, or in the watershed of an impaired surface water where the cause of the impairment is identified as siltation?	☒ Yes ☐ No
2. Will the project in which the well pad will be constructed be in or on a floodplain?	☐ Yes ☒ No
3. Is any earth disturbance located or proposed to be located on land known to be contaminated by the release of regulated substances as defined in Section 103 of Act 2, 35 P.S. § 6026.103?	☐ Yes ☒ No
4. Will naturally occurring geologic formations or soil conditions provide hazards to the project or surrounding environment or have the potential to cause or contribute to pollution when disturbed?	☒ Yes ☐ No
5. Do any unresolved non-compliance issues exist with the applicant or the facility?	☐ Yes ☒ No
6. Is the project a transmission project?	☒ Yes ☐ No

If yes to any of the above questions the project is not eligible for Expedited Review; If the project is eligible for Expedited Review, all the following items must be completed.	
II. Expedited Review Process	
1. Is the technically and administratively complete and accurate NOI package prepared and certified by a licensed professional?	☐ Yes ☐ No
2. Are E&S and PCSM/Site Restoration Plan drawings and narrative prepared and sealed by a licensed professional? *(Include interim restoration details when needed)*	☐ Yes ☐ No
3. Include a Resource Delineation Report and answer the following questions: (If the answer to question a. is "Yes" then skip to #4. If the answer to a. is "No" the applicant must answer "Yes" to at least one of the questions, b. through d. to be eligible for expedited review.)	
a. Were all wetland resources delineated during the growing season?	☐ Yes ☐ No
b. If not during the growing season, was a follow-up visit conducted during the growing season to verify/adjust boundaries and look for potentially missed resources?	☐ Yes ☐ No
c. Was a quality assurance field review conducted at a later date by an independent qualified wetland professional to verify boundaries and look for potentially missed resources? (If yes, attach Quality Assurance Field Review Report)	☐ Yes ☐ No
d. Was a Jurisdictional Determination (JD) or Preliminary JD conducted by the US Army Corps of Engineers on the whole project? (If yes, attach Preliminary or Jurisdictional Determination Report)	☐ Yes ☐ No
4. If applicable, have you included PNDI clearance letters or other documentation from applicable resource agencies?	☐ Yes ☐ No
5. If the project site contains, is along, or within 100 feet of a river, stream, creek, lake, pond or reservoir, will you establish new or preserve existing riparian forest buffer at least 100 feet in width between the top of streambank or normal pool elevation of a lake, pond or reservoir and areas of earth disturbances. If no, will a waiver be obtained? ☐ Yes ☐ No	☐ Yes ☐ No
6. Name of Licensed Professional Company	
Address	
Phone	

SECTION E. PROJECT INFORMATION			
1. Total Project Area/Project Site (Ac):	1,346 (Also see Attachment 1-1.1)	Total Disturbed Area (Ac):	689.8 (Also see Attachment 1-1.1)
Increased disturbed acreage *(for permit modification only)*			
Fee: ***(For additional information regarding fees, refer to NOI Instructions #3 Permit NOI Filing Fees.)***			$ $500 (Filing Fee), $69,000 (Disturbed Acre Fee)
2. Project Name: Regional Energy Access Expansion Project			

3. Project Type (Check all that apply)

- ☐ Oil/Gas Well [1]
- ☐ Gathering Facility
- ☐ Treatment Facility
- ☒ Compressor Station
- ☒ Pipeline
- ☐ Storage Field Facility
- ☐ Other
- ☒ Transmission Facility
- ☐ Processing Facility
- ☐ Well Development Impoundment
- ☐ Non-FERC regulated Transmission Facility
- ☐ Ground/Surface Water Withdrawal Site

[1] If Oil/Gas Well; is the well conventional or unconventional? ☐ Conventional ☐ Unconventional

Project Description

Transco, indirectly owned by The Williams Companies, Inc. (Williams), is seeking authorization from the Federal Energy Regulatory Commission (FERC or Commission) under Section 7(c) of the Natural Gas Act and Part 157 of the Commission's regulations, to construct, own, operate, and maintain the proposed Project facilities

The Project is an expansion of Transco's existing natural gas transmission system that will enable Transco to provide an incremental 829,400 dekatherms per day (Dth/d) of year-round firm transportation capacity from the Marcellus Shale production area in northeastern Pennsylvania (PA) to multiple delivery points along Transco's Leidy Line in PA, Transco's mainline at the Station 210 Zone 6 Pooling Point in Mercer County, New Jersey (NJ) and multiple delivery points in Transco's Zone 6 in NJ, PA, and Maryland (MD). The Project will consist of the following components:
•Approximately 22.3 miles of 30-inch-diameter pipeline partially collocated with Transco's Leidy Line A from milepost (MP) 0.00 to MP 22.32 in Luzerne County, PA (Regional Energy Lateral);
• Approximately 13.8 miles of 42-inch-diameter pipeline collocated with Transco's Leidy Line System from MP 43.72 to MP 57.50 in Monroe County, PA (Effort Loop);
• New gas-fired turbine driven compressor station identified as Compressor Station 201 with 11,107 nominal horsepower (HP) at International Organization of Standardization (ISO) conditions in Gloucester County, NJ;
• Addition of two gas-fired turbine driven compressor units with 31,800 nominal HP at ISO conditions at existing Compressor Station 505 in Somerset County, NJ, to accommodate the abandonment and replacement of approximately 16,000 HP from eight existing internal combustion engine-driven compressor units and increase the certificated station compression by 15,800 HP;
• Addition of two gas-fired turbine driven compressor units with 63,742 nominal HP at ISO conditions and modification of three existing compressors at existing Compressor Station 515 in Luzerne County, PA to support the Project and to accommodate the abandonment and replacement of approximately 17,000 HP from five existing gas-fired reciprocating engine driven compressors and increase the certificated station compression by 46,742 HP;
• Uprate and rewheel two existing electric motor-driven compressor units at existing Compressor Station 195 in York County, PA to increase the certificated station compression by 5,000 HP and accommodate the abandonment of two existing gas-fired reciprocating engine driven compressors which total approximately 8,000 HP of compression;
•Modifications at existing Compressor Station 200 in Chester County, PA;
•Uprate one existing electric motor-driven compressor unit at Compressor Station 207 in Middlesex County, NJ to increase the certificated station compression by 4,100 HP;
• Modifications to three (3) existing pipeline tie-ins in PA (Hildebrandt Tie-in, Lower Demunds REL Tie-in, and Carverton Tie-in);
•Addition of regulation controls at an existing valve setting on Transco's Mainline "A" in Bucks County, PA (Mainline A Regulator);
•Modifications at the existing Delaware River Regulator in Northampton County, PA;
•Modifications at the existing Centerville Regulator in Somerset County, NJ;
•Modifications to the existing valves and piping at the Princeton Junction (Station 210 Pooling Point) in Mercer County, NJ;
• Modifications to three (3) existing delivery meter stations in NJ (Camden M&R Station, Lawnside M&R Station, and Mt. Laurel M&R Station);
•Modifications to one (1) existing delivery meter station in MD (Beaver Dam M&R Station);
•Contractual changes (no modifications) at ten (10) existing delivery meter stations in PA and NJ (Algonquin-Centerville Meter Station, Post Road Meter Station, New Village Meter Station, Spruce Run Meter Station, Marcus Hook Meter Station, Ivyland Meter Station, Repaupo Meter Station, Morgan Meter Station, Lower Mud Run Meter Station, and Chesterfield Meter Station);
• Additional ancillary facilities, such as mainline valves (MLVs), cathodic protection, communication facilities, and internal inspection device (e.g., pig) launchers and receivers in PA; and
• Existing, improved, and new access roads and contractor yards/staging areas in PA, NJ, and MD.
Provide the date of pre-application meeting (if conducted with the Department) 04/27/20, 07/09/20, 09/04/20, 09/30/20, 12/15/20, 12/16/20, 01/06/21, 02/05/21

4. Provide the latitude and longitude coordinates for the center of the project. The coordinates should be in Decimal degrees and North American Datum 1983. The coordinates must meet the current DEP policy regarding locational accuracy. For linear projects provide the project's termini. See Attachment 1-1.1

Latitude (DD) . Longitude (DD) - .

Latitude (DD) . Longitude (DD) - .

Horizontal Collection Method: ☐ GPS ☒ Interpolated from U.S.G.S. Topographic Map ☐ DEP's eMAP

5. U.S.G.S. 7.5 min. topographic quadrangle Name (See Attachment 1-1.1)
(*Include a copy of the project area on the 7.5 min quad map)*

6. Will the project be conducted as a phased permit project? ☐ Yes ☒ No
If Yes, Include Master Site Plan Estimated Timetable for Phased Projects. ☐ Additional sheet(s) attached.

Phase No. or Name	Description	Total Area	Disturbed Area	Start Date	End Date

7. List existing and previous land use for a minimum of the previous 5 years. (See Section 2 of this ESCGP-3 Application)

8. Other Pollutants: Will the stormwater discharge contain pollutional substances other than sediment? ☐ Yes ☒ No

9. Will fuels, chemicals, solvents, other hazardous waste or materials be used or stored on site during earth disturbance activities or will Horizontal Directional Drilling (HDD) activities be conducted?
Yes ☒ No ☐ ***(If yes, Preparedness, Prevention and Contingency (PPC) Plan must be maintained on site during earth disturbance. See NOI Instructions, E.9 PPC Plan Guidance for further information.)***

10. Is the project in the watershed of an impaired surface water where the cause of the impairment is identified as siltation?
Yes ☒ No ☐ (See Section 2-5 of this ESCGP-3 Application) ***(If yes, show how the project will not result in a net change in volume, rate or water quality. See section I below, and E.10 of NOI instructions.)***

11. Are there potentially hazardous naturally occurring geological or soil conditions in any portion of the project or surrounding area? Yes ☒ No ☐

If yes, do the potentially hazardous geologic or soil conditions have the potential to cause or contribute to pollution as a result of the proposed earth disturbance activities?

If no, provide an explanation.

If yes, Geologic Hazard Mitigation Plan must be attached and explain where in this application details are provided.

12. Has the Act 14 Municipal Notification and proof of receipt of notification been attached to the NOI?
Yes ☒ No ☐ ***(If not, the NOI is not complete, see E.12 and #4 Municipal Notification in the NOI Instructions for additional guidance.)***

13. Has the PNDI receipt been attached to the NOI?
Yes ☒ No ☐ ***(If not, the NOI is not complete, see E.13 and #5 PNHP in the NOI Instructions for additional guidance.)***

14. Have the E&S Plan and PCSM/SR Plan been planned and designed to be consistent?
Yes ☒ No ☐

15. Have existing and/or proposed Riparian Forest Buffers been identified?
Yes ☒ N/A ☐ ***(If yes, they must be shown on the E&S Plan as well as the PCSM/SR Plans.)***

16. Have antidegradation implementation requirements for special protection waters been addressed?
Yes ☒ No ☐ N/A ☐ ***(If yes, antidegradation requirements must be included in the plan.)***

17. Has the seasonal high groundwater level been identified and 20-inch separation established at all excavation locations for pits for conventional operations and Well Development Impoundments for unconventional operations?

    Yes ☐ No ☐ N/A ☒

18. Receiving Waters	Chapter 93, Designated Use Stream Classification	Chapter 93, Existing Use Stream Classification
Effort Loop- Lake Creek (HQ-CWF,MF) Princess Run (CWF,MF) Weir Creek (CWF,MF) McMichael Creek (EV, MF) and (HQ-CWF) Pohopoco Creek (CWF,MF) Sugar Hollow Creek (CWF,MF) Poplar Creek (EV,CWF,MF) Mud Run (HQ-CWF, MF) Mud Pond Run (HQ-CWF,EV,MF) Tunkhannock Creek (HQ-CWF,MF) Regional Energy Lateral- Stony Run (HQ-CWF,MF) Shades Creek (HQ-CWF,MF) Little Shades Creek (HQ-CWF,MF) Snider Run (HQ-CWF,MF) Meadow Run (HQ-CWF,MF) Bear Creek (HQ-CWF,MF) Little Bear Creek (HQ-CWF,MF) Mill Creek (CWF,MF) Gardner Creek (CWF,MF) Susquehanna River (WWF,MF) Abrahams Creek (CWF,MF) Toby Creek (CWF,MF) Trout Brook (CWF,MF) Compressor Station 515- Shades Creek (HQ-CWF,MF) Stony Run (HQ-CWF,MF) Compressor Station 200- Valley Creek (EV,MF) Delaware River Regulator- Mud Run (CWF, MF) Mainline "A" Regulator - Dyers Creek (WWF,MF) See Attachment 1-1.1 for detailed list.	☒ HQ ☒ EV ☒ Other CWF, MF, WWF ☒ Siltation-impaired	☐ HQ ☒ EV ☒ Other MF ☐ Siltation-impaired
	☐ HQ ☐ EV ☐ Other _____ ☐ Siltation-impaired	☐ HQ ☐ EV ☐ Other _____ ☐ Siltation-impaired

	☐ HQ ☐ EV ☐ Other _____ ☐ Siltation-impaired ☐ HQ ☐ EV ☐ Other _____ ☐ Siltation-impaired	☐ HQ ☐ EV ☐ Other _____ ☐ Siltation-impaired ☐ HQ ☐ EV ☐ Other _____ ☐ Siltation-impaired
Secondary Receiving Water	Secondary Chapter 93, Designated Use	Secondary Existing Use
Name of Municipal or Private Separate Storm Sewer Operator, if applicable.		
Non-Surface Receiving Water: (include off-site discharges)		

SECTION F. EROSION AND SEDIMENT CONTROL (E&S) PLAN

See the attached Instructions for additional guidance with E&S Plans

Erosion and Sediment Control Plan BMPs should be designed to minimize accelerated erosion and sedimentation through limiting the extent and duration of earth disturbance, protection of existing drainage and vegetation, limiting soil compaction and controlling the generation of increased runoff. The Department recommends the use of the *Pennsylvania Erosion & Sedimentation Pollution Control Program Manual (E&S Manual)* (363-2134-008) to achieve this goal. The E&S Plan must meet the requirements of Pa. Code § 102.4(b) and submitted with the NOI. Also, see section 2. of the NOI instruction for detailed information on completing the E&S plan and additional requirements.

a. E&S Plan Summary

Provide a summary of proposed E&S BMPs and their performance to manage E&S for the project.

Typical BMPs provided along the pipeline Right-Of-Way includes waterbars, trench plugs, compost filter socks, compost sediment traps, rock filter outlets, erosion control blankets, rock construction entrances, temporary equipment bridges, timber mats, diversion channels, level spreaders, mulch and seed. An appropraite sediment removal device (filter bag, dewatering structure) and well-vegetated area will be utilized for trench dewatering. In HQ, EV watersheds, appropriate Antidegradation Best Available Combination of Technologies (ABACT) BMPs will be utilized. Additional information regarding all the proposed BMPs are provided in the Erosion and Sedimentation Control and Site Restoration Plans of respective project components (Section 2 of this ESCGP-3 Application).

b. E&S Plan BMP Design

Check those that apply:

☒ E&S Plan is designed using BMPs in the *E&S Manual*.

☐ E&S Plan is designed using an alternative BMP or design standard approved by DEP.

Note: NOI packages submitted with alternate BMPs not approved by the Department will be returned to the Applicant.

c. Do you have any information regarding riparian buffer which differs from Section G, Riparian Buffer?

Yes ☐ No ☒

Explain:

d. Thermal Impacts Analysis

Explain how thermal impacts associated with this project were avoided, minimized, or mitigated.

Thermal impacts associated with Regional Energy Access Expansion Project will be avoided to the maximum extent possible. Minimum permanent changes in land cover are being proposed for constructing the pipeline facilities. Runoff from impervious areas added during the project will be suitably routed to Stormwater BMPs. Gravel will be used for access roads wherever practicable. To avoid thermal impacts arising from clearing and grading, removal of vegetation will be limited to only that necessary for construction and construction Right-Of-Way will be limited to 75 feet in wetlands and floodways where practical. Once construction activities are complete, disturbed areas will be restored to pre-construction contours and seeded as described in Erosion and Sediment Control and Site Restoration Plans. Temporary workspaces will be restored back with woody and herbaceous species. Thermal impacts assessments corresponding to each project component including pipelines and aboveground facilities are given in Section 2 and 3 of this ESCGP-3 Application.

e. Off-Site Discharge Analysis

Does the activity propose any off-site discharges to areas other than surface waters? ☒ Yes ☐ No

If yes, it is the applicant's responsibility to ensure that they have legal authority for any off-site discharge to neighboring properties.

The applicant must provide a demonstration in both E&S and PCSM/SR plans that the discharge will not cause erosion, damage, or a nuisance to off-site properties.

See Offsite Discharge Analysis Sections in E&S Narratives

SECTION G. RIPARIAN BUFFER

1. Will you be protecting, converting or establishing a voluntary riparian forest buffer as part of this project?
   ☐ Yes ☒ No
   If yes, as part of the PCSM/SR Plan, provide a Buffer Management Plan.
2. Will proposed earth disturbance activities be conducted in an EV or HQ watershed AND within 150 feet of a perennial or intermittent river, stream, or creek, or lake, pond, or reservoir? ☒ Yes ☐ No

   If no, proceed to the next section/module.
3. Does this project qualify for an exception (see § 102.14(d)(1))? ☒ Yes ☐ No

   If yes, indicate below the type of project for which the exception applies by marking the appropriate box.

   ☐ Oil and gas activities for which site reclamation or restoration is part of the permit authorization in Chapter 78 and 78a.

   ☒ Road maintenance activities.

   ☐ The repair or maintenance of existing pipelines and utilities.

   ☐ Other (see §102.14(d)(1))

   If exceptions are checked, explain how existing riparian buffer will be undisturbed to the extent practicable. Provide a demonstration that the requirements of §102.14(b) are met, or provide the necessary information to request a riparian buffer waiver.
4. Are you requesting a riparian buffer waiver for this project (see § 102.14(d)(2))? ☒ Yes ☐ No

   If yes, indicate below the type of project for which you are requesting a waiver by marking the appropriate box.

   ☒ Linear project that may include pipelines, public roadways, rail lines, or utility lines.

   ☒ Project is of a temporary nature where the site will be fully restored to its preexisting conditions during the ESCGP permit term.

   ☒ Project where compliance with mandatory riparian buffers is not appropriate or feasible due to site characteristics or existing structures at the project site.

   ☐ Other (see §102.14(d)(2)):

   If waivers are checked, explain how existing riparian buffers will be undisturbed to the extent practicable.

   Note: If “Yes” to #2 **AND** “No” to #3 and #4, provide an attachment to demonstrate how the requirements of §102.14 are met.

SECTION H. POST CONSTRUCTION STORMWATER MANAGEMENT (PCSM) AND/OR SITE RESTORATION(SR) PLAN

See NOI Instructions for additional guidance with PCSM Plans

PCSM/SR BMPs should be designed to use natural measures to eliminate pollution, infiltrate runoff, not require extensive construction/maintenance, promote pollutant reduction, and preserve the integrity of stream channels. All PCSM/SR BMPs proposed in the PCSM/SR Plan must be designed in accordance with Ch. 102, Ch. 78a for unconventional operations, Ch. 78 for conventional operations and the *Pennsylvania Stormwater Best Management Practices Manual (Stormwater BMP Manual)* (363-0300-002). If alternate design criteria are utilized for the proposed project, they must have prior approval by the Department, or the NOI Application will be returned to the Applicant.

After construction is completed, how much of the entire disturbed area will be restored to meadow in good condition or better, or existing conditions? ☐ All ☒ Partial ☐ None

Include PCSM narrative and drawings for remaining impervious area. Also include a map showing the proposed contours of the site restoration plan.

If there are additional stages of the project prior to permit termination or expiration, list the stages and provide the documents required by subsection 'a' to section 'g' for each stage (e.g. partial restoration or changes to the amount of compacted areas, gravel, and/or impervious areas). Upload a narrative for each additional stage in addition to the drawings.

EXAMPLE

Stage No	Stage Name	PCSM Plan	SR Plan
Stage 1		☐	☐
Stage 2		☐	☐
Stage 3		☐	☐
Stage 4		☐	☐

Act 167 Consistency. Check those that apply.

Is there an Act 167 Plan? ☒ Yes ☐ No

☒ The attached PCSM/SR Plan is consistent with an applicable approved Act 167 Plan.

Complete the following for all approved Act 167 Stormwater Management Plans. (Use additional sheets if necessary)

Act 167 Plan Name	Date Adopted	Consistency Letter Included	
Luzerne County Stormwater Management Ordinance	August 18, 2010	Verification Report Included	☒
Valley Creek Watershed Stormwater Management Plan	February 04, 2011		

Note: A consistency letter is not required if a verification report is provided. See NOI Instructions. The PCSM/SR Plan must satisfy either sub paragraph 1, 2, or 3 below. Check those that apply.

1. ☒ Act 167 Plan approvals on or after January 2005 – The attached PCSM/SR Plan, in its entirety, is consistent with all requirements pertaining to rate, volume, and water quality from an Act 167 Stormwater Management Plan approved by DEP on or after January 2005. Box 1 must be checked if a current, DEP approved Act 167 plan exists.

2. ☒ The PCSM/SR Plan meets the standard design criteria from sections 102.8(g)(2) and (3) and the *Stormwater BMP Manual*. For projects involving oil and gas activities authorized by a permit issued under Chapter 78 or Chapter 78a (well pads) or pipelines and other similar utility infrastructure, post construction stormwater management requirements are met for all areas that are restored to preconstruction conditions or to a condition of meadow in good condition or better. *[Note: PCSM plans must meet both the volume and rate requirements in the regulations, which are provided in the 2 sections mentioned in this paragraph].*

3. ☐ Alternative Design Standard – The attached PCSM/SR Plan was developed using approaches as provided in 102.8(g)(2)(iv) and 102.8(g)(3)(iii). Demonstrate/explain in the space provided below how this standard will be either more protective than what is required in 102.8(g)(2) and 102.8(g)(3) or will maintain and protect existing water quality and existing and designated uses.

PCSM/SR BMP Alternative Standards:

Has the alternative BMP or design standard been approved by the Department?

☐ Yes

☐ No – Do not submit the ESCGP-3 application and see Section (H) of the NOI Instructions concerning the alternative BMP approval process.

Water Quality Compliance:

Does the PCSM/SR plan comply with requirements for volume control? ☒ Yes ☐ No

If yes, is at least 90% of the disturbed area controlled by a PCSM BMP? ☒ Yes ☐ No

If yes, do you have the Standard PCSM Worksheet # 10 attached to show water quality compliance has achieved?
☒ Yes ☐ No

If no, attach Standard PCSM Worksheets # 12 and #13 to show water quality compliance has achieved.

If PCSM/SR plan is not complying with the requirements for volume control, attach Standard PCSM Worksheets # 11, # 12 and #13 to show water quality compliance has achieved.

a. PCSM/SR Plan Summary

Provide a summary of proposed BMPs and their performance to manage PCSM/SR for the project.

Along the pipeline Right-Of-Way, typical E&S BMPs such as waterbars and erosion control blanket will be left in place as part of site restoration. After construction activities are completed, temporary workspaces will be restored to meadow in good condition or better than existing conditions. For the aboveground facilities, PCSM BMPs such as infiltration basins, diversion channels and vegetated swales will be used and left in place as part of site restoration. Additional information regarding all the proposed BMPs are provided in the Post-Construction Stormwater Management Plans of respective project components (Section 3 of this ESCGP-3 Application).

Check all that apply ☒ PCSM BMPs ☒ SR BMPs

b. Do you have any information regarding riparian buffer which differs from what was submitted in the Section G, Riparian Buffer?

☐ Yes ☒ No

Explain:

c. Thermal Impacts Analysis

Explain how thermal impacts associated with this project were avoided, minimized, or mitigated.

Runoff collected in PCSM BMPS such as infiltration basins will mitigate thermal impacts from post construction stormwater. Runoff collected in infiltration basins are discharged to receiving waters are not expected to be retained for more than 24 hours. Minimum permanent changes in land cover are being proposed for constructing the pipeline facilities. Gravel will be used for access roads wherever practicable. Removal of trees and riparian vegetation and addition of impervious surfaces will be limited to only that necessary for construction. Once construction activities are complete, disturbed areas will be restored to pre-construction contours and seeded as described in Erosion and Sedimental Control and Site Restoration Plans. Temporary workspaces will be restored back with woody and herbaceous species. Thermal impacts assessments correspoding to each project component including pipelines and aboveground facilities are given in Section 2 and 3 of this ESCGP-3 Application.

d. Off-Site Discharge Analysis.

Does the activity propose any off-site discharges to areas other than surface waters? ☒ Yes ☐ No

If yes, it is the applicant's responsibility to ensure that they have legal authority for any off-site discharge to neighboring properties.

The Applicant must provide a demonstration in both the E&S and PCSM/SR Plans that the discharge will not cause erosion, damage, or a nuisance to off-site properties.

See Offsite Discharge Analysis Sections in PCSM Narratives

NOI Section H. POST CONSTRUCTION STORMWATER MANAGEMENT (PCSM) PLANS

Summary Calculations of Post Construction Stormwater BMPs

1. Regional Energy Lateral Pipeline - MLV-515RA20
2. Regional Energy Lateral Pipeline - MLV-515RA30
3. Regional Energy Lateral Pipeline - Carverton Tie-in
4. Regional Energy Lateral Pipeline - Lower Demunds REL Tie-in
5. Regional Energy Lateral Pipeline – Hildebrandt Tie-in/MLV-515RA40
6. Effort Loop Pipeline - MLV-505LD86
7. Compressor Station 200
8. Compressor Station 515

NOTICE OF INTENT (NOI) FOR COVERAGE UNDER THE EROSION AND SEDIMENT CONTROL GENERAL PERMIT (ESCGP-3) FOR EARTH DISTURBANCE ASSOCIATED WITH OIL AND GAS EXPLORATION, PRODUCTION, PROCESSING, OR TREATMENT OPERATIONS OR TRANSMISSION FACILITIES

TABLES IN ADDENDUM OF NOI

SECTION H. POST CONSTRUCTION STORMWATER MANAGEMENT (PLAN) BMPs

Regional Energy Lateral Pipeline - MLV-515RA20 - Zenker Valve Yard

e. Summary Table for Supporting Calculation and Measurement Data
(See NOI Instructions for additional guidance with this section)

The remainder of this section (Summary Table for Calculation and Measurement Data) does not need to be completed for areas of projects involving oil and gas activities authorized by Chapter 78 or Chapter 78a (well pads) or pipelines and other similar utility infrastructure which will be restored to meadow in good condition or better or existing conditions.

Watershed Name: Mill Creek

Volume Control design storm frequency 2-year Rainfall amount 2.95 inches	Pre-construction	Post Construction	Net Change
Impervious area (acres)	0.00	0.19	+0.19
Volume of stormwater runoff (acre-feet) without planned stormwater BMPs	0.04	0.06	+0.02
Volume of stormwater runoff (acre-feet) with planned stormwater BMPs		0.03	-0.01
Stormwater discharge rate for the design frequency storm	Pre-construction	Post Construction	Net Change
1) 2-Year/24-Hour	3.51	3.22	-0.29
2) 10-Year/24-Hour	6.82	6.17	-0.65
3) 50-year/24-Hour	11.88	11.12	-0.76
4) 100-year/24-Hour	14.91	14.91	-0.00

f. Summary Description of PCSM/SR BMPs

In the lists below, check the BMPs identified in the PCSM Plan. The primary function(s) of the BMP listed in the functions column (infiltration/recharge; detention/retention; water quality). Additional functions may be added if applicable to that BMP. List the stormwater volume and area of runoff to be treated by each BMP type when calculations are required. If any BMP in the PCSM/SR Plan is not listed below, describe it in the space provided after "Other". A summary table with infiltration testing information (Attachment E, included in the NOI Instructions) must be submitted for all Bio-infiltration BMPs included in PCSM/SR plan.

For Rate control provide the volume of stormwater treated and acres treated for the 100-year/24-hour storm event.

For volume control and water quality provide the volume of stormwater treated and acres treated for the 2-year/24-hour storm event.

Key for BMP purpose(s): VC = Volume Control; RC = Rate Control; and WQ = Water Quality

BMP	Function(s)	Purpose(s)	Volume of stormwater treated	Acres treated
Site Restoration ONLY				
☐ Restore Site to Meadow in Good Condition or Better, or Existing Conditions	Infiltration/Recharge Detention/WQ Treatment	☐ VC ☐ RC ☐ WQ	_____	_____
Bio-infiltration areas	Infiltration/Recharge			
☐ Infiltration Trench		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Infiltration Bed		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Infiltration Basin		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Rain Garden/ Bioretention		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Infiltration Berm				
☐ Vegetated Swale		☐ VC ☐ RC ☐ WQ	_____	_____
Natural Area Conservation	Infiltration/Recharge			
☐ Streamside Buffer Zone		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Wetland Buffer Zone		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Sensitive Area Buffer Zone		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Pre-Construction Drainage Pattern Intact		☐ VC ☐ RC ☐ WQ	_____	_____
Stormwater Retention	Detention/Retention			
☐ Constructed Wetlands		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Wet Ponds		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Retention Basin		☐ VC ☐ RC ☐ WQ	_____	_____
Sediment and Pollutant Removal	Water Quality Treatment			
☐ Vegetated Filter Strips		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Compost Filter Sock		☐ VC ☐ RC ☐ WQ	_____	_____
☒ Detention Basins		☒ VC ☒ RC ☒ WQ	1,396cf(2-yr); 6,186cf(100-yr)	0.28
Access Road Design	Infiltration/Recharge			
☐ Road Crowning		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Ditches		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Turnouts		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Culverts		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Roadside Vegetated Filter Strips		☐ VC ☐ RC ☐ WQ	_____	_____

Stormwater Energy Dissipaters	Infiltration/Recharge			
☐ Level Spreaders		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Riprap Aprons		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Upslope Diversions		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Other_____		☐ VC ☐ RC ☐ WQ	_____	_____

g. Critical PCSM Plan stages

Identify and list critical stages of implementation of the PCSM Plan for which a licensed professional or designee shall be present on site.

1. Upon commencement of construction activities to ascertain the Dry Extended Detention Basin area has been flagged and fence erected to prevent access to the area.

2. At completion of Diversion Channels to ensure they have been constructed to the proposed lines and grades, the specified lining materials have been installed in accordance with the requirements of the plans and specifications, and if applicable, vegetation has been established.

3. At the beginning of construction of the Dry Extended Detention Basin to ensure the infiltration area has not been compacted by construction activities.

4. During construction of the Dry Extended Detention Basin the licensed professional will observe that the BMP is constructed in accordance with the plans and specifications.

5. At completion of Collection Channel C1 to ensure it has been constructed to the proposed line and grade, the specified lining material has been installed in accordance with the requirements of the plans and specifications, and if applicable, vegetation has been established.

6. Following installation of the Valve Yard Pad subgrade to ensure stormwater flow is directed to Collection Channel C1.

7. For final inspection of constructed BMPs.

8. At the establishment of hard surface stabilization or 70% vegetation covers to allow removal of E&S controls.

NOTICE OF INTENT (NOI) FOR COVERAGE UNDER THE EROSION AND SEDIMENT CONTROL GENERAL PERMIT (ESCGP-3) FOR EARTH DISTURBANCE ASSOCIATED WITH OIL AND GAS EXPLORATION, PRODUCTION, PROCESSING, OR TREATMENT OPERATIONS OR TRANSMISSION FACILITIES

TABLES IN ADDENDUM OF NOI

SECTION H. POST CONSTRUCTION STORMWATER MANAGEMENT (PLAN) BMPs

Regional Energy Lateral Pipeline - MLV-515RA30 - Wyoming Valve Yard

b. Summary Table for Supporting Calculation and Measurement Data

(See NOI Instructions for additional guidance with this section)

The remainder of this section (Summary Table for Calculation and Measurement Data) does not need to be completed for areas of projects involving oil and gas activities authorized by Chapter 78 or Chapter 78a (well pads) or pipelines and other similar utility infrastructure which will be restored to meadow in good condition or better or existing conditions.

Watershed Name: Susquehanna-Solomon Creek

Volume Control design storm frequency 2-year Rainfall amount 2.57 inches	Pre-construction	Post Construction	Net Change
Impervious area (acres)	0.00	0.24	+0.24
Volume of stormwater runoff (acre-feet) without planned stormwater BMPs	0.03	0.06	+0.03
Volume of stormwater runoff (acre-feet) with planned stormwater BMPs	[redacted]	0.03	-0.00
Stormwater discharge rate for the design frequency storm	Pre-construction	Post Construction	Net Change
1) 2-Year/24-Hour	0.22	0.02	-0.20
2) 10-Year/24-Hour	0.68	0.03	-0.65
3) 50-year/24-Hour	1.52	0.06	-1.46
4) 100-year/24-Hour	2.06	0.07	-1.99

c. Summary Description of PCSM/SR BMPs

In the lists below, check the BMPs identified in the PCSM Plan. The primary function(s) of the BMP listed in the functions column (infiltration/recharge; detention/retention; water quality). Additional functions may be added if applicable to that BMP. List the stormwater volume and area of runoff to be treated by each BMP type when calculations are required. If any BMP in the PCSM/SR Plan is not listed below, describe it in the space provided after "Other". A summary table with infiltration testing information (Attachment E, included in the NOI Instructions) must be submitted for all Bio-infiltration BMPs included in PCSM/SR plan.

For Rate control provide the volume of stormwater treated and acres treated for the 100-year/24-hour storm event.

For volume control and water quality provide the volume of stormwater treated and acres treated for the 2-year/24-hour storm event.

Key for BMP purpose(s): VC = Volume Control; RC = Rate Control; and WQ = Water Quality

BMP	Function(s)	Purpose(s)	Volume of stormwater treated	Acres treated
Site Restoration ONLY				
☐ Restore Site to Meadow in Good Condition or Better, or Existing Conditions	Infiltration/Recharge Detention/WQ Treatment	☐ VC ☐ RC ☐ WQ	_____	_____
Bio-infiltration areas	Infiltration/Recharge			
☐ Infiltration Trench		☐ VC ☐ RC ☐ WQ	_____	_____
☒ Infiltration Bed		☒ VC ☒ RC ☒ WQ	451cf(2-yr); 2,511cf(100-yr)	0.21
☐ Infiltration Basin		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Rain Garden/ Bioretention		☐ VC ☐ RC ☐ WQ	_____	
☐ Infiltration Berm		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Soil Amendment		☐ VC ☐ RC ☐ WQ	_____	_____
Natural Area Conservation	Infiltration/Recharge			
☐ Streamside Buffer Zone		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Wetland Buffer Zone		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Sensitive Area Buffer Zone		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Pre-Construction Drainage Pattern Intact		☐ VC ☐ RC ☐ WQ	_____	_____
Stormwater Retention	Detention/Retention			
☐ Constructed Wetlands		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Wet Ponds		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Retention Basin		☐ VC ☐ RC ☐ WQ	_____	_____
Sediment and Pollutant Removal	Water Quality Treatment			
☐ Vegetated Filter Strips		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Compost Filter Sock		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Detention Basins		☐ VC ☐ RC ☐ WQ	_____	_____
Access Road Design	Infiltration/Recharge			
☐ Road Crowning		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Ditches		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Turnouts		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Culverts		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Roadside Vegetated Filter Strips		☐ VC ☐ RC ☐ WQ	_____	_____

Stormwater Energy Dissipaters ☐ Level Spreaders ☐ Riprap Aprons ☐ Upslope Diversions ☒ OtherVegetated Swale	Infiltration/Recharge	☐ VC ☐ RC ☐ WQ ☐ VC ☐ RC ☐ WQ ☐ VC ☐ RC ☐ WQ ☒ VC ☒ RC ☒ WQ	_____ _____ _____ 1,009cf(2-yr); 4,264cf(100-yr)	_____ _____ _____ 0.49

d. Critical PCSM Plan stages

Identify and list critical stages of implementation of the PCSM Plan for which a licensed professional or designee shall be present on site.

1. Upon commencement of construction activities to ascertain the Vegetated Swale area has been flagged and fence erected to prevent access to the area.
2. At the beginning of construction of the Vegetated Swale to ensure the infiltration area has not been compacted by construction activities.
3. During construction of the Vegetated Swale the licensed professional will observe that the BMP is constructed in accordance with the plans and specifications.
4. At completion of Collection Channel C1 to ensure it has been constructed to the proposed line and grade, the specified lining material has been installed in accordance with the requirements of the plans and specifications, and if applicable, vegetation has been established.
5. Following installation of the Valve Yard Pad subgrade to ensure stormwater flow is directed to the infiltration berm.
6. For final inspection of constructed BMPs.
7. At the establishment of hard surface stabilization or 70% vegetation covers to allow removal of E&S controls.

NOTICE OF INTENT (NOI) FOR COVERAGE UNDER THE EROSION AND SEDIMENT CONTROL GENERAL PERMIT (ESCGP-3) FOR EARTH DISTURBANCE ASSOCIATED WITH OIL AND GAS EXPLORATION, PRODUCTION, PROCESSING, OR TREATMENT OPERATIONS OR TRANSMISSION FACILITIES

TABLES IN ADDENDUM OF NOI

SECTION H. POST CONSTRUCTION STORMWATER MANAGEMENT (PLAN) BMPs

Regional Energy Lateral Pipeline - Carverton Tie-In

b. Summary Table for Supporting Calculation and Measurement Data

(See NOI Instructions for additional guidance with this section)

The remainder of this section (Summary Table for Calculation and Measurement Data) does not need to be completed for areas of projects involving oil and gas activities authorized by Chapter 78 or Chapter 78a (well pads) or pipelines and other similar utility infrastructure which will be restored to meadow in good condition or better or existing conditions.

Watershed Name: Abrahams Creek

Volume Control design storm frequency 2-year Rainfall amount 2.61 inches	Pre-construction	Post Construction	Net Change
Impervious area (acres)	0.03	0.11	+0.08
Volume of stormwater runoff (acre-feet) without planned stormwater BMPs	0.02	0.03	+0.01
Volume of stormwater runoff (acre-feet) with planned stormwater BMPs	[redacted]	0.00	-0.02
Stormwater discharge rate for the design frequency storm	Pre-construction	Post Construction	Net Change
1) 2-Year/24-Hour	0.46	0.00	-0.46
2) 10-Year/24-Hour	0.91	0.00	-0.91
3) 50-year/24-Hour	1.61	0.00	-1.61
4) 100-year/24-Hour	2.01	0.00	-2.01

c. Summary Description of PCSM/SR BMPs

In the lists below, check the BMPs identified in the PCSM Plan. The primary function(s) of the BMP listed in the functions column (infiltration/recharge; detention/retention; water quality). Additional functions may be added if applicable to that BMP. List the stormwater volume and area of runoff to be treated by each BMP type when calculations are required. If any BMP in the PCSM/SR Plan is not listed below, describe it in the space provided after "Other". A summary table with infiltration testing information (Attachment E, included in the NOI Instructions) must be submitted for all Bio-infiltration BMPs included in PCSM/SR plan.

For Rate control provide the volume of stormwater treated and acres treated for the 100-year/24-hour storm event.

For volume control and water quality provide the volume of stormwater treated and acres treated for the 2-year/24-hour storm event.

Key for BMP purpose(s): VC = Volume Control; RC = Rate Control; and WQ = Water Quality

BMP	Function(s)	Purpose(s)	Volume of stormwater treated	Acres treated
Site Restoration ONLY				
☐ Restore Site to Meadow in Good Condition or Better, or Existing Conditions	Infiltration/Recharge Detention/WQ Treatment	☐ VC ☐ RC ☐ WQ	_____	_____
Bio-infiltration areas	Infiltration/Recharge			
☐ Infiltration Trench		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Infiltration Bed		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Infiltration Basin		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Rain Garden/ Bioretention		☐ VC ☐ RC ☐ WQ	_____	
☒ Infiltration Berm		☒ VC ☒ RC ☒ WQ	1,280cf (2-yr); 4,445cf(100-yr)	0.26
Natural Area Conservation	Infiltration/Recharge			
☐ Streamside Buffer Zone		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Wetland Buffer Zone		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Sensitive Area Buffer Zone		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Pre-Construction Drainage Pattern Intact		☐ VC ☐ RC ☐ WQ	_____	_____
Stormwater Retention	Detention/Retention			
☐ Constructed Wetlands		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Wet Ponds		☒ VC ☒ RC ☒ WQ	_____	_____
☐ Retention Basin		☐ VC ☐ RC ☐ WQ	_____	_____
Sediment and Pollutant Removal	Water Quality Treatment			
☐ Vegetated Filter Strips		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Compost Filter Sock		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Detention Basins		☐ VC ☐ RC ☐ WQ	_____	_____
Access Road Design	Infiltration/Recharge			
☐ Road Crowning		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Ditches		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Turnouts		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Culverts		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Roadside Vegetated Filter Strips		☐ VC ☐ RC ☐ WQ	_____	_____

Stormwater Energy Dissipaters	Infiltration/Recharge			
☐ Level Spreaders		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Riprap Aprons		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Upslope Diversions		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Other_____		☐ VC ☐ RC ☐ WQ	_____	_____

d. Critical PCSM Plan stages

Identify and list critical stages of implementation of the PCSM Plan for which a licensed professional or designee shall be present on site.

1. At the beginning of construction to ascertain the Infiltration Berm area has been flagged and fence erected to prevent access to the area.
2. Following installation of the Valve Yard Pad subgrade to ensure stormwater flow is directed to the infiltration berm.
3. At the beginning of construction of the Infiltration Berm to ensure the infiltration area has not been compacted by construction activities.
4. During construction of the infiltration berm the licensed professional will observe that the berm is constructed in accordance with the plans and specifications.
5. For final inspection of constructed BMPs.
6. At the establishment of hard surface stabilization or 70% vegetation covers to allow removal of E&S controls.

NOTICE OF INTENT (NOI) FOR COVERAGE UNDER THE EROSION AND SEDIMENT CONTROL GENERAL PERMIT (ESCGP-3) FOR EARTH DISTURBANCE ASSOCIATED WITH OIL AND GAS EXPLORATION, PRODUCTION, PROCESSING, OR TREATMENT OPERATIONS OR TRANSMISSION FACILITIES

TABLES IN ADDENDUM OF NOI

SECTION H. POST CONSTRUCTION STORMWATER MANAGEMENT (PLAN) BMPs

Regional Energy Lateral Pipeline - Lower Demunds REL Tie-In

b. Summary Table for Supporting Calculation and Measurement Data

(See NOI Instructions for additional guidance with this section)

The remainder of this section (Summary Table for Calculation and Measurement Data) does not need to be completed for areas of projects involving oil and gas activities authorized by Chapter 78 or Chapter 78a (well pads) or pipelines and other similar utility infrastructure which will be restored to meadow in good condition or better or existing conditions.

Watershed Name: Toby Creek

Volume Control design storm frequency 2-year Rainfall amount 3.40 inches	Pre-construction	Post Construction	Net Change
Impervious area (acres)	0.00	0.12	+0.12
Volume of stormwater runoff (acre-feet) without planned stormwater BMPs	0.02	0.04	+0.02
Volume of stormwater runoff (acre-feet) with planned stormwater BMPs		0.01	-0.01
Stormwater discharge rate for the design frequency storm	Pre-construction	Post Construction	Net Change
1) 2-Year/24-Hour	0.20	0.00	-0.20
2) 10-Year/24-Hour	0.40	0.00	-0.40
3) 50-year/24-Hour	0.71	0.20	-0.51
4) 100-year/24-Hour	0.89	0.51	-0.38

c. Summary Description of PCSM/SR BMPs

In the lists below, check the BMPs identified in the PCSM Plan. The primary function(s) of the BMP listed in the functions column (infiltration/recharge; detention/retention; water quality). Additional functions may be added if applicable to that BMP. List the stormwater volume and area of runoff to be treated by each BMP type when calculations are required. If any BMP in the PCSM/SR Plan is not listed below, describe it in the space provided after "Other". A summary table with infiltration testing information (Attachment E, included in the NOI Instructions) must be submitted for all Bio-infiltration BMPs included in PCSM/SR plan.

For Rate control provide the volume of stormwater treated and acres treated for the 100-year/24-hour storm event.

For volume control and water quality provide the volume of stormwater treated and acres treated for the 2-year/24-hour storm event.

Key for BMP purpose(s): VC = Volume Control; RC = Rate Control; and WQ = Water Quality

BMP	Function(s)	Purpose(s)	Volume of stormwater treated	Acres treated
Site Restoration ONLY				
☐ Restore Site to Meadow in Good Condition or Better, or Existing Conditions	Infiltration/Recharge Detention/WQ Treatment	☐ VC ☐ RC ☐ WQ	_____	_____
Bio-infiltration areas	Infiltration/Recharge			
☐ Infiltration Trench		☐ VC ☐ RC ☐ WQ	_____	_____
☒ Infiltration Bed		☒ VC ☒ RC ☒ WQ	1,481cf(2-yr); 4,356cf(100-yr)	0.17
☐ Infiltration Basin		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Rain Garden/ Bioretention		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Infiltration Berm		☐ VC ☐ RC ☐ WQ	_____	_____
Natural Area Conservation	Infiltration/Recharge			
☐ Streamside Buffer Zone		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Wetland Buffer Zone		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Sensitive Area Buffer Zone		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Pre-Construction Drainage Pattern Intact		☐ VC ☐ RC ☐ WQ	_____	_____
Stormwater Retention	Detention/Retention			
☐ Constructed Wetlands		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Wet Ponds		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Retention Basin		☐ VC ☐ RC ☐ WQ	_____	_____
Sediment and Pollutant Removal	Water Quality Treatment			
☐ Vegetated Filter Strips		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Compost Filter Sock		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Detention Basins		☐ VC ☐ RC ☐ WQ	_____	_____
Access Road Design	Infiltration/Recharge			
☐ Road Crowning		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Ditches		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Turnouts		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Culverts		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Roadside Vegetated Filter Strips		☐ VC ☐ RC ☐ WQ	_____	_____

Stormwater Energy Dissipaters ☐ Level Spreaders ☐ Riprap Aprons ☐ Upslope Diversions ☐ Other_____	Infiltration/Recharge	 ☐ VC ☐ RC ☐ WQ ☐ VC ☐ RC ☐ WQ ☐ VC ☐ RC ☐ WQ ☐ VC ☐ RC ☐ WQ	 _____ _____ _____ _____	 _____ _____ _____ _____

d. Critical PCSM Plan stages

Identify and list critical stages of implementation of the PCSM Plan for which a licensed professional or designee shall be present on site.

1. Upon commencement of construction activities to ascertain the Valve Yard Pad area has been flagged and fence erected to prevent access to the area.
2. At completion of Diversion Berm/Channel to ensure it has been constructed to the proposed lines and grades, the specified lining materials have been installed in accordance with the requirements of the plans and specifications, and if applicable, vegetation has been established.
3. At the beginning of construction of the Valve Yard Pad to ensure the infiltration area has not been compacted by construction activities.
4. During construction of the Valve Yard Pad the licensed professional will observe that the BMP is constructed in accordance with the plans and specifications.
5. Following installation of the Valve Yard Pad subgrade to ensure stormwater flow is directed to the outlet structure.
6. For final inspection of constructed BMPs.
7. At the establishment of hard surface stabilization or 70% vegetation covers to allow removal of E&S controls.

NOTICE OF INTENT (NOI) FOR COVERAGE UNDER THE EROSION AND SEDIMENT CONTROL GENERAL PERMIT (ESCGP-3) FOR EARTH DISTURBANCE ASSOCIATED WITH OIL AND GAS EXPLORATION, PRODUCTION, PROCESSING, OR TREATMENT OPERATIONS OR TRANSMISSION FACILITIES

TABLES IN ADDENDUM OF NOI

SECTION H. POST CONSTRUCTION STORMWATER MANAGEMENT (PLAN) BMPs

Regional Energy Lateral Pipeline – MLV-515RA40-Hildebrandt Tie-In

b. Summary Table for Supporting Calculation and Measurement Data

(See NOI Instructions for additional guidance with this section)

The remainder of this section (Summary Table for Calculation and Measurement Data) does not need to be completed for areas of projects involving oil and gas activities authorized by Chapter 78 or Chapter 78a (well pads) or pipelines and other similar utility infrastructure which will be restored to meadow in good condition or better or existing conditions.

Watershed Name: Toby Creek

Volume Control design storm frequency 2-year Rainfall amount 3.40 inches	Pre-construction	Post Construction	Net Change
Impervious area (acres)	0.0	0.22	+0.22
Volume of stormwater runoff (acre-feet) without planned stormwater BMPs	0.03	0.07	+0.04
Volume of stormwater runoff (acre-feet) with planned stormwater BMPs	[redacted]	0.01	-0.02
Stormwater discharge rate for the design frequency storm	Pre-construction	Post Construction	Net Change
1) 2-Year/24-Hour	0.34	0.20	-0.14
2) 10-Year/24-Hour	0.67	0.38	-0.29
3) 50-year/24-Hour	1.20	0.65	-0.55
4) 100-year/24-Hour	1.52	0.80	-0.72

c. Summary Description of PCSM/SR BMPs

In the lists below, check the BMPs identified in the PCSM Plan. The primary function(s) of the BMP listed in the functions column (infiltration/recharge; detention/retention; water quality). Additional functions may be added if applicable to that BMP. List the stormwater volume and area of runoff to be treated by each BMP type when calculations are required. If any BMP in the PCSM/SR Plan is not listed below, describe it in the space provided after "Other". A summary table with infiltration testing information (Attachment E, included in the NOI Instructions) must be submitted for all Bio-infiltration BMPs included in PCSM/SR plan.

For Rate control provide the volume of stormwater treated and acres treated for the 100-year/24-hour storm event.

For volume control and water quality provide the volume of stormwater treated and acres treated for the 2-year/24-hour storm event.

Key for BMP purpose(s): VC = Volume Control; RC = Rate Control; and WQ = Water Quality

BMP	Function(s)	Purpose(s)	Volume of stormwater treated	Acres treated
Site Restoration ONLY				
☐ Restore Site to Meadow in Good Condition or Better, or Existing Conditions	Infiltration/Recharge Detention/WQ Treatment	☐ VC ☐ RC ☐ WQ	_____	_____
Bio-infiltration areas	Infiltration/Recharge			
☐ Infiltration Trench		☐ VC ☐ RC ☐ WQ	_____	_____
☒ Infiltration Bed		☒ VC ☒ RC ☒ WQ	2,265cf(2-yr); 5,881cf(100-yr)	0.21
☐ Infiltration Basin		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Rain Garden/ Bioretention		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Infiltration Berm				
☐ Vegetated Swale		☐ VC ☐ RC ☐ WQ	_____	_____
Natural Area Conservation	Infiltration/Recharge			
☐ Streamside Buffer Zone		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Wetland Buffer Zone		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Sensitive Area Buffer Zone		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Pre-Construction Drainage Pattern Intact		☐ VC ☐ RC ☐ WQ	_____	_____
Stormwater Retention	Detention/Retention			
☐ Constructed Wetlands		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Wet Ponds		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Retention Basin		☐ VC ☐ RC ☐ WQ	_____	_____
Sediment and Pollutant Removal	Water Quality Treatment			
☐ Vegetated Filter Strips		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Compost Filter Sock		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Detention Basins		☐ VC ☐ RC ☐ WQ	_____	_____
Access Road Design	Infiltration/Recharge			
☐ Road Crowning		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Ditches		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Turnouts		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Culverts		☐ VC ☐ RC ☐ WQ	_____	_____

☐ Roadside Vegetated Filter Strips		☐ VC ☐ RC ☐ WQ	_____	_____
Stormwater Energy Dissipaters	Infiltration/Recharge			
☐ Level Spreaders		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Riprap Aprons		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Upslope Diversions		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Other_____		☐ VC ☐ RC ☐ WQ	_____	_____

d. Critical PCSM Plan stages

Identify and list critical stages of implementation of the PCSM Plan for which a licensed professional or designee shall be present on site.

1. Upon commencement of construction activities to ascertain the Valve Yard Pad area has been flagged and fence erected to prevent access to the area.
2. At completion of Diversion Channel to ensure it has been constructed to the proposed lines and grades, the specified lining materials have been installed in accordance with the requirements of the plans and specifications, and if applicable, vegetation has been established.
3. At the beginning of construction of the Valve Yard Pad to ensure the infiltration area has not been compacted by construction activities.
4. During construction of the Valve Yard Pad the licensed professional will observe that the BMP is constructed in accordance with the plans and specifications.
5. Following installation of the Valve Yard Pad subgrade to ensure stormwater flow is directed to the outlet structure.
6. For final inspection of constructed BMPs.
7. At the establishment of hard surface stabilization or 70% vegetation covers to allow removal of E&S controls.

NOTICE OF INTENT (NOI) FOR COVERAGE UNDER THE EROSION AND SEDIMENT CONTROL GENERAL PERMIT (ESCGP-3) FOR EARTH DISTURBANCE ASSOCIATED WITH OIL AND GAS EXPLORATION, PRODUCTION, PROCESSING, OR TREATMENT OPERATIONS OR TRANSMISSION FACILITIES

TABLES IN ADDENDUM OF NOI

SECTION H. POST CONSTRUCTION STORMWATER MANAGEMENT (PLAN) BMPs

Effort Loop Pipeline-MLV-505LD86 Sugar Hollow Valve Yard

b. Summary Table for Supporting Calculation and Measurement Data

(See NOI Instructions for additional guidance with this section)

The remainder of this section (Summary Table for Calculation and Measurement Data) does not need to be completed for areas of projects involving oil and gas activities authorized by Chapter 78 or Chapter 78a (well pads) or pipelines and other similar utility infrastructure which will be restored to meadow in good condition or better or existing conditions.

Watershed Name: Pohopoco Creek

Volume Control design storm frequency 2-year Rainfall amount 3.26 inches	Pre-construction	Post Construction	Net Change
Impervious area (acres)	0.09	0.62	+0.53
Volume of stormwater runoff (acre-feet) without planned stormwater BMPs	0.35	0.44	+0.09
Volume of stormwater runoff (acre-feet) with planned stormwater BMPs	[redacted]	0.28	-0.07
Stormwater discharge rate for the design frequency storm DA-1	Pre-construction	Post Construction	Net Change
1) 2-Year/24-Hour	0.01	0.01	-0.00
2) 10-Year/24-Hour	0.37	0.31	-0.06
3) 50-year/24-Hour	5.89	4.21	-1.68
4) 100-year/24-Hour	11.47	8.28	-3.19
Stormwater discharge rate for the design frequency storm DA-2	Pre-construction	Post Construction	Net Change
1) 2-Year/24-Hour	4.51	3.97	-0.54
2) 10-Year/24-Hour	12.49	12.28	-0.21
3) 50-year/24-Hour	26.58	24.35	-2.23
4) 100-year/24-Hour	35.41	31.74	-3.67

c. Summary Description of PCSM/SR BMPs

In the lists below, check the BMPs identified in the PCSM Plan. The primary function(s) of the BMP listed in the functions column (infiltration/recharge; detention/retention; water quality). Additional functions may be added if applicable to that BMP. List the stormwater volume and area of runoff to be treated by each BMP type when calculations are required. If any BMP in the PCSM/SR Plan is not listed below, describe it in the space provided after "Other". A summary table with infiltration testing information (Attachment E, included in the NOI Instructions) must be submitted for all Bio-infiltration BMPs included in PCSM/SR plan.

For Rate control provide the volume of stormwater treated and acres treated for the 100-year/24-hour storm event.

For volume control and water quality provide the volume of stormwater treated and acres treated for the 2-year/24-hour storm event.

Key for BMP purpose(s): VC = Volume Control; RC = Rate Control; and WQ = Water Quality

BMP	Function(s)	Purpose(s)	Volume of stormwater treated	Acres treated
Site Restoration ONLY				
☐ Restore Site to Meadow in Good Condition or Better, or Existing Conditions	Infiltration/Recharge Detention/WQ Treatment	☐ VC ☐ RC ☐ WQ	_____	_____
Bio-infiltration areas	Infiltration/Recharge			
☐ Infiltration Trench		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Infiltration Bed		☐ VC ☐ RC ☐ WQ	_____	_____
☒ Infiltration Basin		☒ VC ☒ RC ☒ WQ	1,123cf(2-yr); 21,318cf(100-yr)	2.85
☐ Rain Garden/ Bioretention		☐ VC ☐ RC ☐ WQ	_____	_____
☒ Infiltration Berm		☒ VC ☒ RC ☒ WQ	5,915cf(2-yr); 26,924cf(100-yr)	1.54
Natural Area Conservation	Infiltration/Recharge			
☐ Streamside Buffer Zone		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Wetland Buffer Zone		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Sensitive Area Buffer Zone		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Pre-Construction Drainage Pattern Intact		☐ VC ☐ RC ☐ WQ	_____	_____
Stormwater Retention	Detention/Retention			
☐ Constructed Wetlands		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Wet Ponds		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Retention Basin		☐ VC ☐ RC ☐ WQ	_____	_____
Sediment and Pollutant Removal	Water Quality Treatment			
☐ Vegetated Filter Strips		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Compost Filter Sock		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Detention Basins		☐ VC ☐ RC ☐ WQ	_____	_____
Access Road Design	Infiltration/Recharge			
☐ Road Crowning		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Ditches		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Turnouts		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Culverts		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Roadside Vegetated Filter Strips		☐ VC ☐ RC ☐ WQ	_____	_____

Stormwater Energy Dissipaters	Infiltration/Recharge			
☐ Level Spreaders		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Riprap Aprons		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Upslope Diversions		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Other_____		☐ VC ☐ RC ☐ WQ	_____	_____

d. Critical PCSM Plan stages

Identify and list critical stages of implementation of the PCSM Plan for which a licensed professional or designee shall be present on site.

1. For the final grading of the access road, ensuring it is constructed according to the plan details for proper conveyance of runoff.
2. Following final grading and seeding of the diversion channels and basin, in order to confirm they have been constructed according to the plan details for proper collection and conveyance of runoff. Periodic assessments will need to be made to ensure accumulated sediment have been cleaned out so the channels and basin maintain the necessary design volumes.
3. During the layout and excavation of the outlet control structure, the professional or delegate will ensure sizing, materials specifications, and construction procedures are followed to enable proper storage in the basin.
4. Following final grading and seeding of the infiltration berm in order to confirm they have been constructed according to the plan details for proper collection, infiltration, and conveyance of runoff. Periodic assessment will need to be made to ensure that accumulated sediment have been cleaned out so the area behind the berm maintains the necessary design volume.
5. For final inspection of constructed channels, basin and berms.
6. At the establishment of hard surface stabilization or 70% vegetation covers to allow removal of E&S controls.

NOTICE OF INTENT (NOI) FOR COVERAGE UNDER THE EROSION AND SEDIMENT CONTROL GENERAL PERMIT (ESCGP-3) FOR EARTH DISTURBANCE ASSOCIATED WITH OIL AND GAS EXPLORATION, PRODUCTION, PROCESSING, OR TREATMENT OPERATIONS OR TRANSMISSION FACILITIES

TABLES IN ADDENDUM OF NOI

SECTION H. POST CONSTRUCTION STORMWATER MANAGEMENT (PLAN) BMPs

Compressor Station 200

b. Summary Table for Supporting Calculation and Measurement Data

(See NOI Instructions for additional guidance with this section)

The remainder of this section (Summary Table for Calculation and Measurement Data) does not need to be completed for areas of projects involving oil and gas activities authorized by Chapter 78 or Chapter 78a (well pads) or pipelines and other similar utility infrastructure which will be restored to meadow in good condition or better or existing conditions.

Watershed Name: Valley Creek

Volume Control design storm frequency 2-year Rainfall amount 3.30 inches	Pre-construction	Post Construction	Net Change
Impervious area (acres)	0.25	0.40	+0.15
Volume of stormwater runoff (acre-feet) without planned stormwater BMPs	0.07	0.11	+0.04
Volume of stormwater runoff (acre-feet) with planned stormwater BMPs	[redacted]	0.07	-0.00
Stormwater discharge rate for the design frequency storm	Pre-construction	Post Construction	Net Change
1) 2-Year/24-Hour	1.03	0.15	-0.88
2) 10-Year/24-Hour	2.06	1.39	-0.67
3) 50-year/24-Hour	3.19	2.79	-0.40
4) 100-year/24-Hour	3.97	3.50	-0.47

c. Summary Description of PCSM/SR BMPs

In the lists below, check the BMPs identified in the PCSM Plan. The primary function(s) of the BMP listed in the functions column (infiltration/recharge; detention/retention; water quality). Additional functions may be added if applicable to that BMP. List the stormwater volume and area of runoff to be treated by each BMP type when calculations are required. If any BMP in the PCSM/SR Plan is not listed below, describe it in the space provided after "Other". A summary table with infiltration testing information (Attachment E, included in the NOI Instructions) must be submitted for all Bio-infiltration BMPs included in PCSM/SR plan.

For Rate control provide the volume of stormwater treated and acres treated for the 100-year/24-hour storm event.

For volume control and water quality provide the volume of stormwater treated and acres treated for the 2-year/24-hour storm event.

Key for BMP purpose(s): VC = Volume Control; RC = Rate Control; and WQ = Water Quality

BMP	Function(s)	Purpose(s)	Volume of stormwater treated	Acres treated
Site Restoration ONLY				
☐ Restore Site to Meadow in Good Condition or Better, or Existing Conditions	Infiltration/Recharge Detention/WQ Treatment	☐ VC ☐ RC ☐ WQ	_____	_____
Bio-infiltration areas	Infiltration/Recharge			
☐ Infiltration Trench		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Infiltration Bed		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Infiltration Basin		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Rain Garden/ Bioretention		☐ VC ☐ RC ☐ WQ	_____	_____
☒ Infiltration Berm		☒ VC ☒ RC ☒ WQ	3,790cf(2-yr); 11,631cf(100-yr)	0.56
Natural Area Conservation	Infiltration/Recharge			
☐ Streamside Buffer Zone		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Wetland Buffer Zone		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Sensitive Area Buffer Zone		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Pre-Construction Drainage Pattern Intact		☐ VC ☐ RC ☐ WQ	_____	_____
Stormwater Retention	Detention/Retention			
☐ Constructed Wetlands		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Wet Ponds		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Retention Basin		☐ VC ☐ RC ☐ WQ	_____	_____
Sediment and Pollutant Removal	Water Quality Treatment			
☐ Vegetated Filter Strips		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Compost Filter Sock		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Detention Basins		☐ VC ☐ RC ☐ WQ	_____	_____
Access Road Design	Infiltration/Recharge			
☐ Road Crowning		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Ditches		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Turnouts		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Culverts		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Roadside Vegetated Filter Strips		☐ VC ☐ RC ☐ WQ	_____	_____

Stormwater Energy Dissipaters ☐ Level Spreaders ☐ Riprap Aprons ☐ Upslope Diversions ☐ Other_____	Infiltration/Recharge	 ☐ VC ☐ RC ☐ WQ ☐ VC ☐ RC ☐ WQ ☐ VC ☐ RC ☐ WQ ☐ VC ☐ RC ☐ WQ	 _____ _____ _____ _____	 _____ _____ _____ _____

d. Critical PCSM Plan stages

Identify and list critical stages of implementation of the PCSM Plan for which a licensed professional or designee shall be present on site.

1. Following final grading and seeding of the infiltration berm in order to confirm it has been constructed according to the plan details for proper collection, infiltration, and conveyance of runoff. Periodic assessments will need to be made to ensure that accumulated sediment should be cleaned out so the channels and berm maintain necessary design volume.
2. For final inspection of constructed BMPs.
3. At the establishment of hard surface stabilization or 70% vegetation covers to allow removal of E & S controls.

NOTICE OF INTENT (NOI) FOR COVERAGE UNDER THE EROSION AND SEDIMENT CONTROL GENERAL PERMIT (ESCGP-3) FOR EARTH DISTURBANCE ASSOCIATED WITH OIL AND GAS EXPLORATION, PRODUCTION, PROCESSING, OR TREATMENT OPERATIONS OR TRANSMISSION FACILITIES

TABLES IN ADDENDUM OF NOI

SECTION H. POST CONSTRUCTION STORMWATER MANAGEMENT (PLAN) BMPs

Compressor Station 515

b. Summary Table for Supporting Calculation and Measurement Data

(See NOI Instructions for additional guidance with this section)

The remainder of this section (Summary Table for Calculation and Measurement Data) does not need to be completed for areas of projects involving oil and gas activities authorized by Chapter 78 or Chapter 78a (well pads) or pipelines and other similar utility infrastructure which will be restored to meadow in good condition or better or existing conditions.

Watershed Name: Bear Creek

Volume Control design storm frequency 2-year Rainfall amount 3.40 inches	Pre-construction	Post Construction	Net Change
Impervious area (acres)	0.34	2.44	+2.10
Volume of stormwater runoff (acre-feet) without planned stormwater BMPs	0.50	0.81	+0.31
Volume of stormwater runoff (acre-feet) with planned stormwater BMPs	[redacted]	0.18	-0.32
Stormwater discharge rate for the design frequency storm	Pre-construction	Post Construction	Net Change
1) 2-Year/24-Hour	5.46	1.76	-3.70
2) 10-Year/24-Hour	10.19	8.30	-1.89
3) 50-year/24-Hour	16.85	9.55	-7.30
4) 100-year/24-Hour	20.81	9.58	-11.23

c. Summary Description of PCSM/SR BMPs

In the lists below, check the BMPs identified in the PCSM Plan. The primary function(s) of the BMP listed in the functions column (infiltration/recharge; detention/retention; water quality). Additional functions may be added if applicable to that BMP. List the stormwater volume and area of runoff to be treated by each BMP type when calculations are required. If any BMP in the PCSM/SR Plan is not listed below, describe it in the space provided after "Other". A summary table with infiltration testing information (Attachment E, included in the NOI Instructions) must be submitted for all Bio-infiltration BMPs included in PCSM/SR plan.

For Rate control provide the volume of stormwater treated and acres treated for the 100-year/24-hour storm event.

For volume control and water quality provide the volume of stormwater treated and acres treated for the 2-year/24-hour storm event.

Key for BMP purpose(s): VC = Volume Control; RC = Rate Control; and WQ = Water Quality

BMP	Function(s)	Purpose(s)	Volume of stormwater treated	Acres treated
Site Restoration ONLY				
☐ Restore Site to Meadow in Good Condition or Better, or Existing Conditions	Infiltration/Recharge Detention/WQ Treatment	☐ VC ☐ RC ☐ WQ	_____	_____
Bio-infiltration areas	Infiltration/Recharge			
☐ Infiltration Trench		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Infiltration Bed		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Infiltration Basin		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Rain Garden/ Bioretention		☐ VC ☐ RC ☐ WQ	_____	_____
☒ Infiltration Berm		☒ VC ☒ RC ☒ WQ	31,799cf(2-yr); 96,268cf(100-yr)	3.83
Natural Area Conservation	Infiltration/Recharge			
☐ Streamside Buffer Zone		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Wetland Buffer Zone		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Sensitive Area Buffer Zone		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Pre-Construction Drainage Pattern Intact		☐ VC ☐ RC ☐ WQ	_____	_____
Stormwater Retention	Detention/Retention			
☐ Constructed Wetlands		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Wet Ponds		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Retention Basin		☐ VC ☐ RC ☐ WQ	_____	_____
Sediment and Pollutant Removal	Water Quality Treatment			
☐ Vegetated Filter Strips		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Compost Filter Sock		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Detention Basins		☐ VC ☐ RC ☐ WQ	_____	_____
Access Road Design	Infiltration/Recharge			
☐ Road Crowning		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Ditches		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Turnouts		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Culverts		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Roadside Vegetated Filter Strips		☐ VC ☐ RC ☐ WQ	_____	_____

Stormwater Energy Dissipaters	Infiltration/Recharge			
☐ Level Spreaders		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Riprap Aprons		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Upslope Diversions		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Other_____		☐ VC ☐ RC ☐ WQ	_____	_____

d. Critical PCSM Plan stages

Identify and list critical stages of implementation of the PCSM Plan for which a licensed professional or designee shall be present on site.

1. Following final grading and seeding of the collection channels and infiltration berm in order to confirm they have been constructed according to the plan details for proper collection, infiltration, and conveyance of runoff. Periodic assessments will need to be made to ensure that accumulated sediment should be cleaned out so the channels and berm maintain necessary design volume.
2. For final inspection of constructed BMPs.
3. At the establishment of hard surface stabilization or 70% vegetation covers to allow removal of E & S controls.

SECTION I. ANTIDEGRADATION ANALYSIS

This section must be completed where earth disturbance activities will be conducted in the watershed of a surface water with an existing or designated use of exceptional value or high quality pursuant to Chapter 93 (relating to water quality standards), projects where any part is located in an exceptional value wetland in accordance with 25 Pa. Code § 105.17, and projects where any part is located in the watershed of an impaired surface water where the cause of impairment is identified as siltation.

Part 1 - NONDISCHARGE ALTERNATIVES EVALUATION

The applicant must consider and describe any and all non-discharge alternatives for the entire project area which are environmentally sound and will**:**

- Minimize accelerated erosion and sedimentation during the earth disturbance activity
- Achieve no net change from pre-development to post-development volume, rate and concentration of pollutants in water quality

E & S Plan	PCSM/SR Plan
Check off the environmentally sound nondischarge Best Management Practices (BMPs) listed below to be used prior to, during, and after earth disturbance activities that have been incorporated into your E & S Plan based on the site analysis. For non-discharge BMPs not checked, provide an explanation of why they were not utilized. Also for BMPs checked, provide an explanation of why they were utilized. (Provide the analysis and attach additional sheets if necessary) See Section 2 of this ESCGP-3 Application	Check off the environmentally sound nondischarge Best Management Practices (BMPs) listed below to be used after construction that have been incorporated into the PCSM/SR Plan based on your site analysis. For non-discharge BMPs not checked, provide an explanation of why they were not utilized. Also for BMPs checked, provide an explanation of why they were utilized. (Provide the analysis and attach additional sheets if necessary) See Section 3 of this ESCGP-3 Application
Nondischarge BMPs ☐ Alternative Siting ☐ Alternative location ☐ Alternative configuration ☐ Alternative location of discharge ☒ Limited Disturbed Area ☐ Limiting Extent & Duration of Disturbance (Phasing, Sequencing) ☐ Riparian Buffers (150 ft. min.) ☐ Riparian Forest Buffer (150 ft. min.) ☐ Other _____	**Nondischarge BMPs** ☐ Alternative Siting ☐ Alternative location ☐ Alternative configuration ☐ Alternative location of discharge ☐ Low Impact Development (LID / BSD) ☐ Riparian Buffers (150 ft. min.) ☐ Riparian Forest Buffer (150 ft. min.) ☒ Infiltration ☐ Water Reuse ☐ Other _____
Will the non-discharge alternative BMPs eliminate the net change in rate, volume and quality during construction? ☐ Yes ☒ No If yes, antidegradation analysis is complete. If no, proceed to Part 2.	Will the non-discharge alternative BMPs eliminate the net change in rate, volume and quality after construction? ☐ Yes ☒ No If yes, antidegradation analysis is complete. If no, proceed to Part 2.

PART 2 - ANTIDEGRADATION BEST AVAILABLE COMBINATION OF TECHNOLOGIES (ABACT)

If the net change in stormwater discharge from or after construction is not fully managed by nondischarge BMPs, the applicant must utilize ABACT BMPs to manage the difference. The Applicant must specify whether the discharge will occur during construction, post-construction or both, and identify the technologies that will be used to ensure that the discharge will be a non-degrading discharge. ABACT BMPs include but are not limited to:

E & S Plan	PCSM/SR Plan
☒ **Treatment BMPs:** ☐ Sediment basin with skimmer ☐ Sediment basin ratio of 4:1 or greater (flow length to basin width) ☐ Sediment basin with 4-7 day detention ☐ Flocculants ☒ Compost Filter Socks ☒ Compost Filter Sock Sediment Basin ☒ RCE w/ Wash Rack ☒ **Land disposal:** ☐ Vegetated filters ☐ Riparian buffers <150ft. ☐ Riparian Forest Buffer <150ft. ☒ Immediate stabilization ☒ **Pollution prevention:** ☒ PPC Plans ☒ Street sweeping ☒ Channels, collectors and diversions lined with permanent vegetation, rock, geotextile or other non-erosive materials ☐ **Stormwater reuse technologies:** ☐ Sediment basin water for dust control ☐ Sediment basin water for irrigation ☐ **Other** _____	☒ **Treatment BMPs:** ☒ Infiltration Practices ☐ Wet ponds ☐ Created wetland treatment systems ☒ Vegetated swales ☐ Manufactured devices ☒ Bio-retention/infiltration ☐ Green Roofs ☐ **Land disposal:** ☐ Vegetated filters ☐ Riparian Buffers <150ft. ☐ Riparian Forest Buffer <150ft. ☐ Disconnection of roof drainage ☐ Bio-retention/bio-infiltration ☒ **Pollution prevention:** ☐ Street sweeping ☐ Nutrient, pesticide, herbicide or other chemical application plan alternatives ☒ PPC Plans ☒ Non-structural Practices ☒ Restoration BMPs ☐ **Stormwater reuse technologies:** ☐ Divert rainwater into impoundment ☐ Underground storage ☐ Spray/Drip Irrigation ☐ **Other** _____
Are the ABACT BMPs selected sufficient to minimize E&S discharges to the extent that existing or designated surface water uses are protected? ☒ Yes ☐ No If yes, Antidegradation analysis is complete. If no, NOI Application will be returned to the Applicant.	Are the ABACT BMPs selected sufficient to achieve no net change and assure that existing or designated surface water uses are protected? ☒ Yes ☐ No If yes, Antidegradation analysis is complete. If no, NOI Application will be returned to the Applicant.

SECTION J. COMPLIANCE HISTORY REVIEW

Is/was the applicant(s) in violation of any Department regulation, order, schedule of compliance or permit or in violation of any department regulated activities within the past five years?

☒ Yes ☐ No

If yes, provide the permit number or facility name, a brief description of the violation, the compliance schedule (including dates and steps to achieve compliance) and the current compliance status. (Attach additional information on a separate sheet, when necessary)

Permit Program or Activity: Chapter 102, Chapter 105, PAG-10
Permit Number (if applicable):

1. **ESG03000150001, ESG00350150001, ESG00081150001**
2. **E41-649**
3. **E-19-311, E36-947, E-38-195, E40-769,E49-336, E54-360, E58-315, E66-160, E41-667, E18-495,**
4. **PAG109632**

Brief Description of non-compliance:

Consent Assessment of Civil Penalty, Reports past due.

Steps taken to achieve compliance	Date(s) compliance achieved
1. Consent Assessment of Civil Penalty 2. Consent Assessment of Civil Penalty. Permits being obtained to complete channel restoration 3. Consent Assessment of Civil Penalty 4. All past due reports were provided to PADEP	1. 9/20/2020 2. 8/9/2020 3. 9/20/2020 4. 12/14/2017

Current Compliance Status: ☒ In-Compliance ☐ In Non-Compliance

If in non-compliance, attach schedule for achieving compliance.

SECTION K. CERTIFICATION BY PERSON PREPARING E&S AND PCSM/SR PLANS

I do hereby certify to the best of my knowledge, information, and belief, that the Erosion and Sediment Control and PCSM/Site Restoration Plans are true and correct, represent actual field conditions, and are in accordance with the 25 Pa. Code Chapters 78/78a and 102 of the Department's rules and regulations. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment.

Print Name Kevin C. Clark	Signature	Professional Seal
Company BAI Group, LLC		
Address 2525 Green Tech Drive, Suite D, State College, PA-16803		
Phone (814) 238-2060		
Most Recent DEP Training Attended _____	Location _____ Date _____	
e-Mail Address kclark@baigroupllc.com		

EXPEDITED REVIEW PROCESS

In addition to the certification required above, applicants using the expedited permit review process must attach an E&S and PCSM/Site Restoration Plans developed and sealed by a licensed professional engineer, surveyor or professional geologist. The plans shall contain the following certification:

*I do hereby certify to the best of my knowledge, information, and belief, that the E & S Control and PCSM/SR BMPs are true and correct, represent actual field conditions and are in accordance with the 25 Pa. Code Chapters 78 / 78a and 102 of the Department's rules and regulations. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment***.**

SECTION L. APPLICANT CERTIFICATION

Applicant Certification

I certify under penalty of law, as provided by 18 Pa. C.S.A. § 4904, that this application and all related attachments were prepared by me or under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my own knowledge and on inquiry of the person or persons who manage the system or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate and complete. The responsible official's signature also verifies that the activity is eligible to participate in the ESCGP, and that the applicant agrees to abide by the terms and conditions of the permit. BMP's, E&S Plan, PPC Plan, PCSM Plan, and other controls are being or will be, implemented to ensure that water quality standards and effluent limits are attained.

I grant permission to the agencies responsible for the permitting of this work, or their duly authorized representative to enter the project site for inspection purposes. I will abide by the conditions of the permit if issued and will not begin work prior to permit issuance.

(For individuals no indication of title is necessary, choose the box below. All others proceed to the next paragraph)

☐ **Individual; proceed to signature portion.**

I hereby certify under penalty of law, as provided by 18 Pa. C.S.A. § 4904, that I am the person who is responsible for decision-making regarding environmental compliance functions for Transcontinental Gas Pipeline Company, LLC, the manager of one or more manufacturing, production, or operating facilities of the applicant and am authorized to make management decisions which govern the operation of regulated facility including having explicit or implicit duty of making major capital investment recommendations, and initiating and directing other comprehensive measures to assure the applicant's long term environmental compliance with environmental laws and regulations; and I am responsible for ensuring that the necessary systems are established or actions taken to gather complete and accurate information for permit application requirements.

(choose one of the following; not applicable for individuals):

☐ The responsible corporate officer ☐ president ☐ vice president ☐ secretary
☐ treasure of _____ Corporation/Company
Entity name

☒ The ☐ member or ☒ manager of Transcontinental Gas Pipe Line Company, LLC
Entity name

☐ The general partner of _____ partnership/LP/LLP
Entity name

☐ The principal executive officer or ranking elected official of _____ Municipality/State/Federal/other public agency
Entity name

☐ Power of Attorney/delegation of contractual authority (documentation supporting delegation of contracting authority must be provided) for _____
Entity name

_____	_____
Print Name and Title of Applicant	Print Name and Title of Co-Applicant (if applicable)
_____	_____
Signature of Applicant	Signature of Co-Applicant
_____	_____
Date Application Signed	Date Application Signed

Notarization

Sworn to and subscribed to before me this

_____ day of _____, 20_____

_____
Notary Public

AFFIX SEAL

Commonwealth of Pennsylvania

County of _____

My Commission expires _____

SECTION M. ADDITIONAL CONTACT INFORMATION				
Contact's Last Name	First Name	MI	Phone (814) 689-1650	
Nelson	Ryan	J	FAX	
Mailing Address	City		State	ZIP + 4
2525 Green Tech Drive, Suite B	State College		PA	16803
e-Mail Address ryann@whmgroup.com				

Section 1-1.1 NOI Supporting Information

Project Component	Site	Site Location City	ZIP Code	County	Municipality	Total Project Area/Project Site (Acre)	Total Disturbed Area (Acre)	Latitude / Longitude	U.S.G.S. 7.5 min. Topographic Quadrangle	Receiving Waters	Chapter 93, Designated Use Stream Classification	Chapter 93, Existing Use Stream Classification	Siltation Impaired
Regional Energy Lateral	Pipeline			Luzerne	Buck, Bear Creek, Plains, Jenkins, Kingston, Dallas, Wyoming, West Wyoming, Laflin	952.63	420.67 (includes CS 515 and sites below)	41.173337, -75.671706 (eastern terminus) 41.346917, -75.946263 (western terminus)	Kingston, Pittston, Avoca, Wilkes-Barre East, Pleasant View Summit	Stony Run, Shades Creek, Little Shades Creek, Snider Run, Meadow Run, Bear Creek, Little Bear Creek, Mill Creek, Gardner Creek, Susquehanna River, Abrahams Creek, Toby Creek, Trout Brook	MF, HQ-CWF, WWF, CWF	-	No
	CY-LU-001	Wyoming	18644	Luzerne	Wyoming		16.3 (Included within above total)	41.31016, -75.84636		Abrahams Creek	CWF, MF	-	No
	CY-LU-002	Wilkes-Barre	18702	Luzerne	Laflin		11.4 (Included within above total)	41.28491, -75.79026		Gardner Creek	CWF, MF	-	No
	MLV-515RA20	Wilkes-Barre	18702	Luzerne	Bear Creek Township		0.46 (Included within above total)	41.25279, -75.75856		Mill Creek	CWF, MF	-	No
	MLV-515RA30	Wyoming	18644	Luzerne	Wyoming Borough		0.44 (Included within above total)	41.30411, -75.84662		Susquehanna River	WWF		No
	Carverton Tie-in	Wyoming	18644	Luzerne	West Wyoming Borough		3.9 (Included within above total)	41.32053, -75.87270		Abrahams Creek	CWF, MF		No
	Lower Demunds REL Tie-in	Dallas	18612	Luzerne	Dallas Township		1.7 (Included within above total)	41.34652, -75.94551		Trout Brook	CWF, MF		No
	Hildebrandt Tie-in/MLV-515RA40	Dallas	18612	Luzerne	Dallas Township		3.1 (Included within above total)	41.34692, -75.94629		Toby Creek, Trout Brook	CWF, MF		No
	Laflin Borough Stream Stabilization	Wilkes-Barre	18702	Luzerne	Laflin Borough		0.94 (Included within above total)	41.28925, -75.80209		Gardner Creek	CWF, MF	-	No
Effort Loop	Pipeline			Monroe	Ross, Chestnuthill, Tunkhannock	360.63	262.18	40.896796, -75.370606 (Southeast Terminus) 41.053413, -75.526178 (Northwest Terminus)	Blakeslee, Pocono Pines, Brodheadsville, Saylorsburg	Lake Creek, Princess Run, Weir Creek, McMichael Creek, Pohopoco Creek, Sugar Hollow Creek, Poplar Creek, Mud Run, Mud Pond Run, Tunkhannock Creek	EV, MF, HQ-CWF, CWF	EV, MF	No

Project Component	Site	Site Location City	ZIP Code	County	Municipality	Total Project Area/Project Site (Acre)	Total Disturbed Area (Acre)	Latitude / Longitude	U.S.G.S. 7.5 min. Topographic Quadrangle	Receiving Waters	Chapter 93, Designated Use Stream Classification	Chapter 93, Existing Use Stream Classification	Siltation Impaired
	MLV-505LD86 Sugar Hollow Valve Yard	Effort	18330	Monroe	Chestnut Hill Township		8.8 (Included within above total)	40.96775, -75.42980		Sugar Hollow Creek	CWF, MF	-	No
	CY-MO-001	Saylorsburg	18353	Monroe	Ross Township		50.1 (Included within above total)	40.89803, -75.36784		Lake Creek, Princess Run	HQ-CWF, MF, CWF	-	No
Delaware River Regulator		Easton	18040	Northampton	Lower Mt. Bethel	11.28	3.25	40.76220 -75.19653	Bangor, PA	Mud Run	CWF, MF	-	No
Mainline "A" Regulator		Washington Crossing	18977	Bucks	Lower Makefield	0.94	0.530	40.26807, -74.85712	Pennington, NJ-PA	Dyers Creek, Delaware River	MF, WWF	-	No
Compressor Station 200		Frazer	19335	Chester	East Whiteland	20.28	3.16	40.04998, -75.58589	Malvern, PA	Valley Creek	EV, MF, CWF	-	Yes
Compressor Station 515		White Haven	18661	Luzerne	Buck	952.63 (Included with Regional Energy Lateral)	24.83 (included with Regional Energy Lateral)	41.17380, -75.67118	Pleasant View Summit, PA	Shades Creek, Stony Run	HQ-CWF, MF	-	No

COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
BUREAU OF CLEAN WATER

MUNICIPAL NOTIFICATION OF PLANNED LAND DEVELOPMENT FOR CHAPTER 102 PERMITS

PROJECT INFORMATION (COMPLETED BY APPLICANT)

Applicant Name:	**Transcontinental Gas Pipe Line Company, a subsidiary of Williams Partners, L.P.**	Contact Name:	**Joseph Dean** **Manager-Permitting**
Applicant Address:	**2800 Post Oak Blvd, Level 11**	Contact Phone:	**(713) 215-3427**
Applicant City, State, ZIP:	**Houston, TX 77056**	County:	**Luzerne**
		Municipality:	**Dallas**
		Project Area:	**60.81** acres ☐ Phased
		Disturbance:	**28.49** acres

Description of Proposed Land Development and Stormwater Controls:

The Regional Energy Lateral component of the Regional Energy Access Expansion Project will consist of approximately 22.3 miles of 30-inch diameter pipeline, partially co-located with existing Transco Leidy Line-A, in Buck, Bear Creek, Plains, Jenkins, Kingston and Dallas Townships, and Laflin, Wyoming, and West Wyoming Boroughs, Luzerne County, Pennsylvania. The Regional Energy Lateral begins at existing Compressor Station 515 in Buck Township and continues westward to its terminus at Transco's existing Hildebrandt Tie-in in Dallas Township. Transco will be installing four mainline valves with appurtenant equipment, as a means to isolate gas flows along the Regional Energy Lateral. The mainline valve sites at each pipeline terminus (MLV515RA10 at Compressor Station 515 and MLV515RA40 at the Hildebrandt Tie-in) will also have pig traps (industry term for manifolds that launch or receive in-line inspection tools). The other two valve sites are proposed along the pipeline route (MLV515RA20 at Milepost 7.5 and MLV515RA30 at Milepost 14.8). Modifications at three existing pipeline interconnects are proposed to tie-in the proposed pipeline to the existing facilities. The Carverton Tie-In is located at Milepost 16.8. The Lower Demunds Tie-In is located at Milepost 22.3 and also includes a +/- 400-ft segment of 20-in pipeline and conduit to connect to the existing facility. The Hildebrandt Tie-In is located at the Regional Energy Lateral pipeline terminus and includes MLV515RA40. Two contractor yards are proposed for the Project and are located adjacent to the pipeline. CY-LU-001 is located at Milepost 15.3 and CY-LU-002 is located at Milepost 10.5. Cathodic protection equipment will be installed along the pipeline route. Deep anode ground beds are proposed at Mileposts 7.5 and 19.8, and one remote anode ground bed is proposed at Milepost 15.3. E&S and PCSM BMP's are proposed within Dallas Township, with PCSM BMP's proposed at the Lower Demunds Tie-In and MLV515RA40 sites.

Surface Waters Receiving Stormwater Discharges:
Toby Creek, Trout Brook

Tax Parcel ID(s) Affected by Proposed Land Development:
See attached table

Discharge to: ☐ MS4 ☐ Other SS ☐ CSS

The following information was submitted to the municipality for this project:

☐ Land Development / Subdivision Plan ☒ E&S Plan ☒ PCSM Plan ☐ Other:

***On March 31, 2021 Transco submitted to you its E&S and PCSM Plans (Plans) as part of the ESCGP-3 permit application notification. Transco provided an update in July 2021 indicating the Erosion and Sediment Control Permit for Discharges of Stormwater Associated with Construction Activities Application was submitted to the PA Dept. of Environmental Protection to replace the ESCGP-3 application. Transco has updated the application in response to the PADEP Technical Deficiencies and is providing the updated materials. Updated drawings, location maps, GIF form and Parcel ID tables are included.**

MUNICIPAL PLAN / ORDINANCE INFORMATION (COMPLETED BY MUNICIPALITY)		
1. Is there an adopted municipal or multi-municipal comprehensive plan?	☐ Yes	☐ No
2. Is there an enacted municipal or multi-municipal zoning ordinance?	☐ Yes	☐ No
3. If Yes to #2, is the proposed project consistent with the ordinance?	☐ Yes	☐ No
4. Is there a municipal stormwater management ordinance?	☐ Yes	☐ No
5. If Yes to #4, is the proposed project consistent with the ordinance, without waiver?	☐ Yes	☐ No

6. If Yes to #4, indicate type of ordinance: ☐ Act 167 Model Ordinance ☐ DEP Model Ordinance (MS4s) ☐ Other

APPLICANT CERTIFICATION	MUNICIPAL ACKNOWLEDGEMENT
I certify under penalty of law (see 18 Pa.C.S. § 4904 (relating to unsworn falsification)) that the information reported herein was prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the information, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.	The municipality acknowledges that a permit application for the above-referenced project has been submitted to a reviewing agency and that notification requirements of Act 14 of 1984 and Acts 67, 68, and 127 of 2000 have been satisfied. The information reported herein by the municipality is true and accurate. The municipality reserves the right to comment to the reviewing agency relative to comprehensive plans, zoning, and stormwater ordinance consistency. Municipal acknowledgment of receipt of notification shall not be construed as project approval.

Joseph Dean

Applicant Name

Applicant Signature

Manager - Permitting

Applicant Title

04/06/2022

Date of Signature

Municipal Representative Name

Municipal Representative Signature

Municipal Representative Title

Date of Signature

Proof of Delivery

Dear Customer,

This notice serves as proof of delivery for the shipment listed below.

Tracking Number
1Z8797VV0393304928

Weight
4.00 LBS

Service

UPS Ground

Shipped / Billed On
04/06/2022

Delivered On

04/07/2022 11:49 A.M.

Delivered To
DALLAS, PA, US

Left At
Side Door

Thank you for giving us this opportunity to serve you. Details are only available for shipments delivered within the last 120 days. Please print for your records if you require this information after 120 days.

Sincerely,

UPS

Tracking results provided by UPS: 04/11/2022 10:53 A.M. EST

Transcontinental Gas Pipe Line Company, LLC

Section 1-11 – General Information Form

Regional Energy Access Expansion Project

April 2021
(Added July 2021)
(Revised March 2022)

pennsylvania
DEPARTMENT OF ENVIRONMENTAL PROTECTION

COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION

GENERAL INFORMATION FORM – AUTHORIZATION APPLICATION

Before completing this General Information Form (GIF), read the step-by-step instructions provided in this application package. This form is used by the Department of Environmental Protection (DEP) to inform our programs regarding what other DEP permits or authorizations may be needed for the proposed project or activity. This version of the General Information Form (GIF) must be completed and returned with any program-specific application being submitted to the DEP.

Related ID#s (If Known)				DEP USE ONLY
Client ID#		**APS ID#**		Date Received & General Notes
Site ID#		**Auth ID#**		
Facility ID#				

CLIENT INFORMATION

DEP Client ID#	Client Type / Code	Dun & Bradstreet ID#
163321	LLC	

Legal Organization Name or Registered Fictitious Name	Employer ID# (EIN)	Is the EIN a SSN?
Transcontinental Gas Pipe Line Company, LLC	74-1079400	☐ Yes ☒ NO

State of Incorporation or Registration of Fictious Name

☐ Corporation ☒ LLC ☐ Partnership ☐ LLP ☐ LP
☐ Sole Proprietorship ☐ Association/Organization
☐ Estate/Trust ☐ Other

Individual Last Name	First Name	MI	Suffix

Additional Individual Last Name	First Name	MI	Suffix

Mailing Address Line 1	Mailing Address Line 2
2800 Post Oak Blvd, Level 11	

Address Last Line – City	State	ZIP+4	Country
Houston	TX	77056	United States

Client Contact Last Name	First Name	MI	Suffix
Dean	Joseph		

Client Contact Title	Phone	Ext	Cell Phone
Manager, Permitting	(713) 215-3427		

Email Address	FAX
Joseph.Dean@Williams.com	

SITE INFORMATION

DEP Site ID#	Site Name
	Regional Energy Access Expansion Project

EPA ID# **Estimated Number of Employees to be Present at Site**

Description of Site
The Project is an expansion of an existing natural gas transmission system consisting of pipelines, modification of three existing compressor stations and additional existing ancillary facilities.

Tax Parcel ID(s):

County Name(s)	Municipality(ies)	City	Boro	Twp	State
Luzerne	Buck, Bear Creek, Plains, Jenkins, Kingston, Dallas, Wyoming, West Wyoming, Laflin	☐	☒	☒	PA
Monroe	Ross, Chestnuthill, Tunkhannock	☐	☐	☒	PA
Northampton	Lower Mt. Bethel	☐	☐	☒	PA
Bucks	Lower Makefield	☐	☐	☒	PA
Chester	East Whiteland	☐	☐	☒	PA
		☐	☐	☒	PA
		☐	☒	☐	PA

Site Location Line 1	Site Location Line 2
See Section 1.1 - GIF Supporting Information	

Site Location Last Line – City	State	ZIP+4

Detailed Written Directions to Site
See Secton 1.1 - GIF Supporting Information for locations of all project sites.

Site Contact Last Name	First Name	MI	Suffix
Henry	Josh		

Site Contact Title	Site Contact Firm
Environmental Specialist	Transcontinental Gas Pipe Line Company, LLC.

Mailing Address Line 1	Mailing Address Line 2
2000 Commerce Drive, Park Place 2	

Mailing Address Last Line – City	State	ZIP+4
Pittsburgh	PA	15275

Phone	Ext	FAX	Email Address
(412) 787- 4277			Josh.Henry@Williams.com

NAICS Codes (Two- & Three-Digit Codes – List All That Apply) **6-Digit Code** (Optional)
221

Client to Site Relationship
OWNOP

FACILITY INFORMATION

Modification of Existing Facility	Yes	No
1. **Will this project modify an existing facility, system, or activity?**	☒	☐
2. **Will this project involve an addition to an existing facility, system, or activity?**	☒	☐

If "Yes", check all relevant facility types and provide DEP facility identification numbers below.

	Facility Type	DEP Fac ID#		Facility Type	DEP Fac ID#
☐	Air Emission Plant		☐	Industrial Minerals Mining Operation	
☐	Beneficial Use (water)		☐	Laboratory Location	
☐	Blasting Operation		☐	Land Recycling Cleanup Location	
☐	Captive Hazardous Waste Operation		☐	Mine Drainage Treatment / Land Recycling Project Location	
☐	Coal Ash Beneficial Use Operation		☐	Municipal Waste Operation	
☐	Coal Mining Operation		☐	Oil & Gas Encroachment Location	
☐	Coal Pillar Location		☐	Oil & Gas Location	
☐	Commercial Hazardous Waste Operation		☐	Oil & Gas Water Poll Control Facility	
☐	Dam Location		☐	Public Water Supply System	
☐	Deep Mine Safety Operation -Anthracite		☐	Radiation Facility	
☐	Deep Mine Safety Operation -Bituminous		☐	Residual Waste Operation	
☐	Deep Mine Safety Operation -Ind Minerals		☐	Storage Tank Location	
☐	Encroachment Location (water, wetland)		☐	Water Pollution Control Facility	
☐	Erosion & Sediment Control Facility		☐	Water Resource	
☐	Explosive Storage Location		☒	Other: Natural Gas Transmission	

Latitude/Longitude Point of Origin	Latitude Degrees	Latitude Minutes	Latitude Seconds	Longitude Degrees	Longitude Minutes	Longitude Seconds
See Section 1.1 - GIF Supporting Information						

Horizontal Accuracy Measure	Feet	*--or--*	Meters
Horizontal Reference Datum Code	☐ North American Datum of 1927 ☒ North American Datum of 1983 ☐ World Geodetic System of 1984		
Horizontal Collection Method Code	GISDR		
Reference Point Code	CNTAR		
Altitude	Feet	*--or--*	Meters
Altitude Datum Name	☐ The National Geodetic Vertical Datum of 1929 ☒ The North American Vertical Datum of 1988 (NAVD88)		
Altitude (Vertical) Location Datum Collection Method Code	TOPO		

Geometric Type Code	POINT				
Data Collection Date	2020				
Source Map Scale Number	1	Inch(es)	=	2,000	Feet
--or--		Centimeter(s)	=		Meters

PROJECT INFORMATION

Project Name
Regional Energy Access Expansion Project

Project Description
The Project is an expansion of Transco's existing natural gas transmission system that will enable Transco to provide an incremental 829,400 dekatherms per day (Dth/d) of year-round firm transportation capacity from the Marcellus Shale production area in northeastern Pennsylvania (PA) to multiple delivery points along Transco's Leidy Line in PA, Transco's mainline at the Station 210 Zone 6 Pooling Point in Mercer County, New Jersey (NJ) and multiple delivery points in Transco's Zone 6 in NJ, PA, and Maryland (MD). The Project will consist of the following components:

• Approximately 22.2 miles of 30-inch-diameter pipeline partially collocated with Transco's Leidy Line A from milepost (MP) 0.00 to MP 22.32 in Luzerne County, PA (Regional Energy Lateral);

• Approximately 13.8 miles of 42-inch-diameter pipeline collocated with Transco's Leidy Line System from MP 43.72 to MP 57.50 in Monroe County, PA (Effort Loop);

• New electric motor-driven compressor station identified as Compressor Station 201 with 9,000 nominal horsepower (HP) in Gloucester County, NJ;

• Addition of two gas-fired turbine driven compressor units with 31,800 nominal HP at ISO conditions at existing Compressor Station 505 in Somerset County, NJ, to accommodate the abandonment and replacement of approximately 16,000 HP from eight existing internal combustion engine-driven compressor units and increase the certificated station compression by 15,800 HP;

• Addition of two gas-fired turbine driven compressor units with 63,742 nominal HP at ISO conditions and modification of three existing compressors at existing Compressor Station 515 in Luzerne County, PA to support the Project and to accommodate the abandonment and replacement of approximately 17,000 HP from five existing gas-fired reciprocating engine driven compressors and increase the certificated station compression by 46,742 HP;

• Uprate and rewheel two existing electric motor-driven compressor units at existing Compressor Station 195 in York County, PA to increase the certificated station compression by 6,000 HP and accommodate the abandonment of two existing gas-fired reciprocating engine driven compressors, which total approximately 8,000 HP;

• Modifications at existing Compressor Station 200 in Chester County, PA;

• Uprate one existing electric motor-driven compressor unit at Compressor Station 207 in Middlesex County, NJ to increase the certificated station compression by 4,100 HP;

• Modifications to three (3) existing pipeline tie-ins in PA (Hildebrandt Tie-in, Lower Demunds REL Tie-in, and Carverton Tie-in);

• Addition of regulation controls at an existing valve setting on Transco's Mainline "A" in Bucks County, PA (Mainline A Regulator);

• Modifications at the existing Delaware River Regulator in Northampton County, PA;

• Modifications at the existing Centerville Regulator in Somerset County, NJ;

• Modifications to the existing valves and piping at the Princeton Junction (Station 210 Pooling Point) in Mercer County, NJ;

• Modifications to three (3) existing delivery meter stations in NJ (Camden M&R Station, Lawnside M&R Station, and Mt. Laurel M&R Station);

• Modifications to one (1) existing delivery meter station in MD (Beaver Dam M&R Station);

• Contractual changes (no modifications) at ten (10) existing delivery meter stations in PA and NJ (Algonquin-Centerville Meter Station, Post Road Meter Station, New Village Meter Station, Spruce Run Meter Station, Marcus Hook Meter Station, Ivyland Meter Station, Repaupo Meter Station, Morgan Meter Station, Lower Mud Run Meter Station, and Chesterfield Meter Station);

• Additional ancillary facilities, such as mainline valves (MLVs), cathodic protection, communication facilities, and internal inspection device (e.g., pig) launchers and receivers in PA; and

• Existing, improved, and new access roads and contractor yards/staging areas in PA, NJ, and MD.

In an ongoing effort to reduce its air emissions footprint, Transco is assessing the replacement of vintage gas-fired reciprocating engine driven compressors with more efficient state-of-the-art gas-fired turbine driven compressors. The proposed compression abandonment and replacement scopes at Transco's existing Compressor Station 505 and Compressor Station 515 are part of this effort and have been adopted into the Project scope. Additionally, the uprate and optimization of existing electric motor-driven compression to accommodate abandonment of gas-fired reciprocating engine driven compression at Compressor Station 195 has also been adopted into the Project scope.

The Algonquin-Centerville, Post Road, New Village, Spruce Run, Marcus Hook, Ivyland, Repaupo, Morgan, Lower Mud Run, and Chesterfield Meter Stations can accommodate the contractual changes proposed as part of this Project; therefore, no modifications are proposed at these facilities

Project Consultant Last Name	**First Name**	**MI**	**Suffix**
Nelson	Ryan		

Project Consultant Title	**Consulting Firm**
Senior Project Manager	WHM Consulting, LLC

Mailing Address Line 1	**Mailing Address Line 2**
2525 Green Tech Drive; Suite B	

Address Last Line – City	**State**	**ZIP+4**
State College	PA	16803

Phone	**Ext**	**FAX**	**Email Address**
(814) 689-1650	102		ryann@whmgroup.com

Time Schedules	**Project Milestone (Optional)**
March 2021	Submit 401 WQC
April 2021	Submit Chapter 102 / 105 Permits
2nd Quarter of 2023	Commence Construction
4th Quarter 2024	In-service Date

1. Is the project located in or within a 0.5-mile radius of an Environmental Justice community as defined by DEP? ☒ Yes ☐ No

To determine if the project is located in or within a 0.5-mile radius of an environmental justice community, please use the online Environmental Justice Areas Viewer.

2. Have you informed the surrounding community prior to submitting the application to the Department? ☒ Yes ☐ No

Method of notification:

1) Open house schedule mailed to affected parties;

2) Newspaper advertisements of open houses placed in newspapers of general circulation in the Project area;

3) Open houses (a mixture of virtual and in-person) held in the county of each major project scope item;
4) Newspaper advertisements prior to commencement of construction, which will be placed in those same publications;
5) Notification to businesses potentially affected by construction;
6) Designation of a point of contact for stakeholder communication;
7) A Project toll free telephone number for public inquiries; and
•8) A Project website with periodic updates of relevant information.

3. Have you addressed community concerns that were identified? ☒ Yes ☐ No ☐ N/A

If no, please briefly describe the community concerns that have been expressed and not addressed.

4. Is your project funded by state or federal grants? ☐ Yes ☒ No

Note: If "Yes", specify what aspect of the project is related to the grant and provide the grant source, contact person and grant expiration date.

Aspect of Project Related to Grant
Grant Source: _____
Grant Contact Person: _____
Grant Expiration Date: _____

5. Is this application for an authorization on Appendix A of the Land Use Policy? (For referenced list, see Appendix A of the Land Use Policy attached to GIF instructions) ☒ Yes ☐ No

Note: If "No" to Question 5, the application is not subject to the Land Use Policy.
If "Yes" to Question 5, the application is subject to this policy and the Applicant should answer the additional questions in the **Land Use Information** section.

LAND USE INFORMATION

Note: Applicants should submit copies of local land use approvals or other evidence of compliance with local comprehensive plans and zoning ordinances.

1.	**Is there an adopted county or multi-county comprehensive plan?**	☒	Yes	☐	No
2.	**Is there a county stormwater management plan?**	☒	Yes	☐	No
3.	**Is there an adopted municipal or multi-municipal comprehensive plan?**	☒	Yes	☐	No
4.	**Is there an adopted county-wide zoning ordinance, municipal zoning ordinance or joint municipal zoning ordinance?**	☒	Yes	☐	No
5.	**Does the proposed project meet the provisions of the zoning ordinance or does the proposed project have zoning approval?** If zoning approval has been received, attach documentation.	☒	Yes	☐	No
6.	**Have you attached Municipal and County Land Use Letters for the project?**	☐	Yes	☒	No

Note: If the Applicant answers "No" to either Questions 1, 3 or 4, the provisions of the PA MPC are not applicable and the Applicant does not need to respond to questions 5 and 6 below.
If the Applicant answers "Yes" to questions 1, 3 and 4, the Applicant should respond to questions 5 and 6 below.

* This Project is regulated by the Federal Energy Regulatory Commission (FERC) under the Natural Gas Act. FERC has exclusive jurisdiction over siting of the Project, therefore, local zoning is preempted.

COORDINATION INFORMATION

Note: The PA Historical and Museum Commission must be notified of proposed projects in accordance with DEP Technical Guidance Document 012-0700-001 utilizing the Project Review Form.

If the activity will be a mining project (i.e., mining of coal or industrial minerals, coal refuse disposal and/or the operation of a coal or industrial minerals preparation/processing facility), respond to questions 1.0 through 2.5 below.

If the activity will not be a mining project, skip questions 1.0 through 2.5 and begin with question 3.0.

1.0	**Is this a coal mining project?** If "Yes", respond to 1.1-1.6. If "No", skip to Question 2.0.	☐	Yes	☒	No
1.1	**Will this coal mining project involve coal preparation/ processing activities in which the total amount of coal prepared/processed will be equal to or greater than 200 tons/day?**	☐	Yes	☐	No
1.2	**Will this coal mining project involve coal preparation/ processing activities in which the total amount of coal prepared/processed will be greater than 50,000 tons/year?**	☐	Yes	☐	No
1.3	**Will this coal mining project involve coal preparation/ processing activities in which thermal coal dryers or pneumatic coal cleaners will be used?**	☐	Yes	☐	No
1.4	**For this coal mining project, will sewage treatment facilities be constructed and treated waste water discharged to surface waters?**	☐	Yes	☐	No
1.5	**Will this coal mining project involve the construction of a permanent impoundment meeting one or more of the following criteria: (1) a contributory drainage area exceeding 100 acres; (2) a depth of water measured by the upstream toe of the dam at maximum storage elevation exceeding 15 feet; (3) an impounding capacity at maximum storage elevation exceeding 50 acre-feet?**	☐	Yes	☐	No
1.6	**Will this coal mining project involve underground coal mining to be conducted within 500 feet of an oil or gas well?**	☐	Yes	☐	No
2.0	**Is this a non-coal (industrial minerals) mining project?** If "Yes", respond to 2.1-2.6. If "No", skip to Question 3.0.	☐	Yes	☒	No
2.1	**Will this non-coal (industrial minerals) mining project involve the crushing and screening of non-coal minerals other than sand and gravel?**	☐	Yes	☐	No
2.2	**Will this non-coal (industrial minerals) mining project involve the crushing and/or screening of sand and gravel with the exception of wet sand and gravel operations (screening only) and dry sand and gravel operations with a capacity of less than 150 tons/hour of unconsolidated materials?**	☐	Yes	☐	No
2.3	**Will this non-coal (industrial minerals) mining project involve the construction, operation and/or modification of a portable non-metallic (i.e., non-coal) minerals processing plant under the authority of the General Permit for Portable Non-metallic Mineral Processing Plants (i.e., BAQ-PGPA/GP-3)?**	☐	Yes	☐	No
2.4	**For this non-coal (industrial minerals) mining project, will sewage treatment facilities be constructed and treated waste water discharged to surface waters?**	☐	Yes	☐	No
2.5	**Will this non-coal (industrial minerals) mining project involve the construction of a permanent impoundment meeting one or more of the following criteria: (1) a contributory drainage area exceeding 100 acres; (2) a depth of water measured by the upstream toe of the dam at maximum storage elevation exceeding 15 feet; (3) an impounding capacity at maximum storage elevation exceeding 50 acre-feet?**	☐	Yes	☐	No

3.0	**Will your project, activity, or authorization have anything to do with a well related to oil or gas production, have construction within 200 feet of, affect an oil or gas well, involve the waste from such a well, or string power lines above an oil or gas well?** If "Yes", respond to 3.1-3.3. If "No", skip to Question 4.0.	☐	Yes	☒	No
3.1	**Does the oil- or gas-related project involve any of the following: placement of fill, excavation within or placement of a structure, located in, along, across or projecting into a watercourse, floodway or body of water (including wetlands)?**	☐	Yes	☐	No
3.2	**Will the oil- or gas-related project involve discharge of industrial wastewater or stormwater to a dry swale, surface water, ground water or an existing sanitary sewer system or storm water system?** If "Yes", discuss in *Project Description*.	☐	Yes	☐	No
3.3	**Will the oil- or gas-related project involve the construction and operation of industrial waste treatment facilities?**	☐	Yes	☐	No
4.0	**Will the project involve a construction activity that results in earth disturbance?** If "Yes", specify the total disturbed acreage.	☒	Yes	☐	No
	4.0.1 Total Disturbed Acreage + / - 672				
	4.0.2 Will the project discharge or drain to a special protection water (EV or HQ) or an EV wetland?	☒	Yes	☐	No
	4.0.3 Will the project involve a construction activity that results in earth disturbance in the area of the earth disturbance that are contaminated at levels exceeding residential or non-residential medium-specific concentrations (MSCs) in 25 Pa. Code Chapter 250 at residential or non-residential construction sites, respectively?	☐	Yes	☒	No
5.0	**Does the project involve any of the following: water obstruction and/or encroachment, wetland impacts, or floodplain project by the Commonwealth/political subdivision or public utility?** If "Yes", respond to 5.1-5.7. If "No", skip to Question 6.0.	☒	Yes	☐	No
5.1	**Water Obstruction and Encroachment Projects – Does the project involve any of the following: placement of fill, excavation within or placement of a structure, located in, along, across or projecting into a watercourse, floodway or body of water?**	☒	Yes	☐	No
5.2	**Wetland Impacts – Does the project involve any of the following: placement of fill, excavation within or placement of a structure, located in, along, across or projecting into a wetland?**	☒	Yes	☐	No
5.3	**Floodplain Projects by the Commonwealth, a Political Subdivision of the Commonwealth or a Public Utility – Does the project involve any of the following: placement of fill, excavation within or placement of a structure, located in, along, across or projecting into a floodplain?**	☐	Yes	☒	No
5.4	**Is your project an interstate transmission natural gas pipeline?**	☒	Yes	☐	No
5.5	**Does your project consist of linear construction activities which result in earth disturbance in two or more DEP regions AND three or more counties?**	☒	Yes	☐	No
5.6	**Does your project utilize Floodplain Restoration as a best management practice for Post Construction Stormwater Management?**	☐	Yes	☒	No
5.7	**Does your project utilize Class V Gravity / Injection Wells as a best management practice for Post Construction Stormwater Management?**	☐	Yes	☒	No
6.0	**Will the project involve discharge of construction related stormwater to a dry swale, surface water, ground water or separate storm water system?**	☒	Yes	☐	No

6.1	**Will the project involve discharge of industrial waste stormwater or wastewater from an industrial activity or sewage to a dry swale, surface water, ground water or an existing sanitary sewer system or separate storm water system?**	☒	Yes	☐	No
7.0	**Will the project involve the construction and operation of industrial waste treatment facilities?**	☐	Yes	☒	No
8.0	**Will the project involve construction of sewage treatment facilities, sanitary sewers, or sewage pumping stations?** If "Yes", indicate estimated proposed flow (gal/day). Also, discuss the sanitary sewer pipe sizes and the number of pumping stations/treatment facilities/name of downstream sewage facilities in the *Project Description*, where applicable.	☐	Yes	☒	No
	8.0.1 Estimated Proposed Flow (gal/day)				
9.0	**Will the project involve the subdivision of land, or the generation of 800 gpd or more of sewage on an existing parcel of land or the generation of an additional 400 gpd of sewage on an already-developed parcel, or the generation of 800 gpd or more of industrial wastewater that would be discharged to an existing sanitary sewer system?**	☐	Yes	☒	No
	9.0.1 Was Act 537 sewage facilities planning submitted and approved by DEP? If "Yes" attach the approval letter. Approval required prior to 105/NPDES approval.	☐	Yes	☐	No
10.0	**Is this project for the beneficial use of biosolids for land application within Pennsylvania?** If "Yes" indicate how much (i.e. gallons or dry tons per year).	☐	Yes	☒	No
	10.0.1 Gallons Per Year (residential septage)				
	10.0.2 Dry Tons Per Year (biosolids)				
11.0	**Does the project involve construction, modification or removal of a dam?** If "Yes", identify the dam.	☐	Yes	☒	No
	11.0.1 Dam Name				
12.0	**Will the project interfere with the flow from, or otherwise impact, a dam?** If "Yes", identify the dam.	☐	Yes	☒	No
	12.0.1 Dam Name				
13.0	**Will the project involve operations (excluding during the construction period) that produce air emissions (i.e., NOX, VOC, etc.)?**	☒	Yes	☐	No
	13.0.1 If "Yes", is the operation subject to the agricultural exemption in 35 P.S. § 4004.1?	☐	Yes	☒	No

13.0.2 If the answer to 13.0.1 is "No", identify each type of emission followed by the estimated amount of that emission.

Enter all types & amounts of emissions; separate each set with semicolons.

Summary of Compressor Station 515 Estimated Net Operational Potential to Emit (PTE): NOx - 196.8; CO - 314.40; VOC - 50.6; SO2 - 14.0; PM10/PM2.5 - 30.6; Single HAP (formaldehyde)- 8.7; Total HAP - 12.2; CO2e - 511,413 = Annual (tpy)

Summary of Pipeline and M&R Station Estimated Operational Potential to Emit (PTE): VOC - 1.17; Single HAP - 0.20; Total HAP - 0.20; CO2e - 5460.47 = Annual (tpy)

Modifications to Compressor Station 195 and Compressor Station 200 only include uprating existing electric motor-driven compression capacity or piping and valve modifications; therefore, Transco anticipates these facilities will have insignificant operational emissions.

14.0	**Does the project include the construction or modification of a drinking water supply to serve 15 or more connections or 25 or more people, at least 60 days out of the year?** If "Yes", check all proposed sub-facilities.	☐	Yes	☒	No
	14.0.1 Number of Persons Served _____				
	14.0.2 Number of Employee/Guests _____				
	14.0.3 Number of Connections _____				
	14.0.4 Sub-Fac: Distribution System	☐	Yes	☐	No
	14.0.5 Sub-Fac: Water Treatment Plant	☐	Yes	☐	No
	14.0.6 Sub-Fac: Source	☐	Yes	☐	No
	14.0.7 Sub-Fac: Pump Station	☐	Yes	☐	No
	14.0.8 Sub Fac: Transmission Main	☐	Yes	☐	No
	14.0.9 Sub-Fac: Storage Facility	☐	Yes	☐	No
15.0	**Will your project include infiltration of storm water or waste water to ground water within one-half mile of a public water supply well, spring or infiltration gallery?**	☒	Yes	☐	No
16.0	**Is your project to be served by an existing public water supply?** If "Yes", indicate name of supplier and attach letter from supplier stating that it will serve the project.	☐	Yes	☒	No
	16.0.1 Supplier's Name _____				
	16.0.2 Letter of Approval from Supplier is Attached	☐	Yes	☐	No
17.0	**Will this project be served by on-lot drinking water wells?**	☐	Yes	☒	No
18.0	**Will this project involve a new or increased drinking water withdrawal from a river, stream, spring, lake, well or other water bod(ies)?** If "Yes", reference Safe Drinking Water Program.	☐	Yes	☒	No
	18.0.1 Source Name				
19.0	**Will the construction or operation of this project involve treatment, storage, reuse, or disposal of waste?** If "Yes", indicate what type (i.e., hazardous, municipal (including infectious & chemotherapeutic), residual) and the amount to be treated, stored, re-used or disposed.	☐	Yes	☒	No
	19.0.1 Type & Amount				
20.0	**Will your project involve the removal of coal, minerals, contaminated media, or solid waste as part of any earth disturbance activities?**	☐	Yes	☒	No
21.0	**Does your project involve installation of a field constructed underground storage tank?** If "Yes", list each Substance & its Capacity. **Note:** Applicant may need a Storage Tank Site Specific Installation Permit.	☐	Yes	☒	No
	21.0.1 Enter all substances & capacity of each; separate each set with semicolons.				
22.0	**Does your project involve installation of an aboveground storage tank greater than 21,000 gallons capacity at an existing facility?** If "Yes", list each Substance & its Capacity. **Note:** Applicant may need a Storage Tank Site Specific Installation Permit.	☐	Yes	☒	No
	22.0.1 Enter all substances & capacity of each; separate each set with semicolons.				
23.0	**Does your project involve installation of a tank greater than 1,100 gallons which will contain a highly hazardous substance as defined in DEP's Regulated Substances List, 2570-BK-DEP2724?** If "Yes", list each Substance & its Capacity. **Note:** Applicant may need a Storage Tank Site Specific Installation Permit.	☐	Yes	☒	No
	23.0.1 Enter all substances & capacity of each; separate each set with semicolons.				

24.0	**Does your project involve installation of a storage tank at a new facility with a total AST capacity greater than 21,000 gallons?** If "Yes", list each Substance & its Capacity. **Note:** Applicant may need a Storage Tank Site Specific Installation Permit. **24.0.1 Enter all substances & capacity of each; separate each set with semicolons.**	☐	Yes	☒	No

NOTE: If the project includes the installation of a regulated storage tank system, including diesel emergency generator systems, the project may require the use of a Department Certified Tank Handler. For a full list of regulated storage tanks and substances, please go to www.dep.pa.gov search term storage tanks

25.0	**Will the intended activity involve the use of a radiation source?**	☐	Yes	☒	No

CERTIFICATION

I certify that I have the authority to submit this application on behalf of the applicant named herein and that the information provided in this application is true and correct to the best of my knowledge and information.

For applicants supplying an EIN number: I am applying for a permit or authorization from the Pennsylvania Department of Environmental Protection (DEP). As part of this application, I will provide DEP with an accurate EIN number for the applicant entity. By filing this application with DEP, I hereby authorize DEP to confirm the accuracy of the EIN number provided with the Pennsylvania Department of Revenue. As applicant, I further consent to the Department of Revenue discussing the same with DEP prior to issuance of the Commonwealth permit or authorization.

Type or Print Name Joseph Dean

Signature	Title	Date
	Manager, Permitting	02/24/2022

GIF Supporting Information

Project Component	Site	Site Location City	ZIP Code	Detailed Written Directions to Site	Latitude / Longitude
Effort Loop	Eastern Terminus	Saylorsburg	18353	From 209: heading East – Turn Right onto Frable Rd/T432. Follow for 1.7 miles. Turn Right onto Meixsell Valley Road/T361. Follow for .2 miles then turn left. Destination is in ~340 feet. Heading West-Turn Left onto Rte 115. Follow for 1.1 miles, then turn right onto Meixsell Valley Rd/T361. Continue for 1.4 miles then turn left. Destination is in ~340 feet.	40.896796, -75.370606
	Western Terminus	Long Pond	18334	From I-80: Heading East- Take exit 284 for PA-115 towards Blakeslee. Keep right at the fork, follow signs for Lake Harmony/Brodheadsville and merge on PA-115 S. Follow for 3.2 miles. Turn Left onto Long Pond Road. Destination will be in ~.2 miles. Heading West- Take exit 384 for PA-115 S. Turn left onto PA-115 S. Follow for 3.4 miles. Turn Left onto Long Pond Rd. Destination will be in ~.2 miles.	41.053413, -75.526178
Regional Energy Lateral	Eastern Terminus	White Haven	18661	From I-80: Heading West-Take exit 284 towards Blakeslee. Merge onto PA-115 N. Follow for 8.2 Miles. Turn Right onto Ridgeway Ave. Destination will be in .2 miles. Heading East- Take exit 284 towards Blakeslee. Turn left onto PA-115 N. Follow for 8.4 miles. Turn Right onto Ridgeway Ave. Destination will be in .2 miles. From I-476: Heading South- Take exit 105 to merge onto PA-115 S. Follow PA-115 S for 8.4 miles. Turn left onto Ridgeway Ave. Destination will be in .2 Miles	41.173337, -75.671706
	Western Terminus	Dallas	18612	From PA-309: Heading South-Head South on PA-309 S toward Dallas RV and MHP. Turn Left onto Hildebrandt Rd. Follow for .4 miles then turn right onto Conyngham Ave. Follow for .4 miles. Continue onto Fairground Road. Destination will be to the left in .2 Miles. Heading North-Head North on PA-309 N toward Grandview Ave. Turn right onto Hildebrandt Rd. Follow for .4 miles then turn right onto Conyngham Ave. Follow for .4 miles. Continue onto Fairground Road. Destination will be to the left in .2 Miles.	41.346917, -75.946263
Compressor Station 515		White Haven	18661	Same as REL Eastern Terminus	41.173337, -75.671706
Compressor Station 200		Frazer	19355	From I-76: East Bound- Take exit 312 toward PA-100 S/Pottstown Pike (Toll Rd). Keep left at the fork and follow signs for PA-100 S/Downingtown and merge onto PA-100 S/Pottstown Pike. Follow for 2.5 miles. Turn left onto N. Ship Rd and follow for .6 miles. Turn left onto Valley Hill Rd and follow for 1.7 miles. Turn right onto PA-401 E. Follow for .5 miles then turn right onto Bacton Hill Rd. Destination will be in .5 Miles. Heading West-Take exit 320 toward Melvern Turn left onto PA-29 S. Turn right at the 1st cross street onto Flat Rd. Turn right onto Sidley Road and then in .4 miles, turn left onto Phoenixville Pike. In .9 miles turn right onto PA-401 W and follow for 1 mile. Turn left onto N. Bacton Hill Road. Destination will be on the right in .5 miles.	40.049969, -75.585849
Delaware River Regulator/Lower Mud Run Meter Station		Easton	18040	To Delaware River Regulator- From 22: East Bound- Take the 4th Street/PA-248 Exit toward PA-611. Turn Left onto PA-248 E/Bushkill St. Follow for .4 miles then turn left onto PA-611 N. Keep right to continue on PA-611 N/N Delaware Dr and follow for 5 miles. Turn Left onto Lower Mud Run Rd. Destination will be on the left in .4 miles. To Lower Mud Run Meter Station- Head +/- 200' northwest from the Delaware River Regulator. The site is immediately adjacent to Delaware River Regulator.	40.762166, -75.19644/ 40.762706, -75.197631
Main Line A Regulator		Washington Crossing	18977	From I-295: Take exit 10 toward New Hope. Turn left onto Taylorsville Rd. Continue straight to stay on Taylorsville Rd. In .9 miles turn right onto Mt Eyre Rd. Follow for .2 miles then turn right onto PA-32 S. The destination will be on the right in 407 feet.	40.268063, -74.857125

Transcontinental Gas Pipe Line Company, LLC

Requirement I – Project Location Map

Regional Energy Access Expansion Project –
Regional Energy Lateral and Existing Compressor Station 515

April 2021
(Revised March 2022)

M:\GIS\PROJECTS\REGIONAL_ENERGY_ACCESS\PROJECT LOCATION MAPPING\REVISED_MAPPING_APRIL_2020\REA_RegionalEnergyLateral_ProjectLocation071620.mxd

Proposed Facility Modification/Addition
Existing Compressor Station
Mile Post
Existing Springville Pipeline
Proposed Pipeline
Existing Transco Pipelines
Proposed Limits of Disturbance
Municipal Boundaries

Existing Compressor Station 515 and Proposed MLV-515RA10

Notes:
1. Maps Reduced from USGS 7.5 Minute Quadrangles:
Avoca, Kingston, Pittston, Pleasant View Summit, & Wilkes-Barre East

1 Inch = 2,000 Feet
0 2,000 4,000 Feet

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TRANSCONTINENTAL GAS PIPE LINE COMPANY, LLC

REGIONAL ENERGY ACCESS EXPANSION PROJECT
PROPOSED 30" REGIONAL ENERGY LATERAL

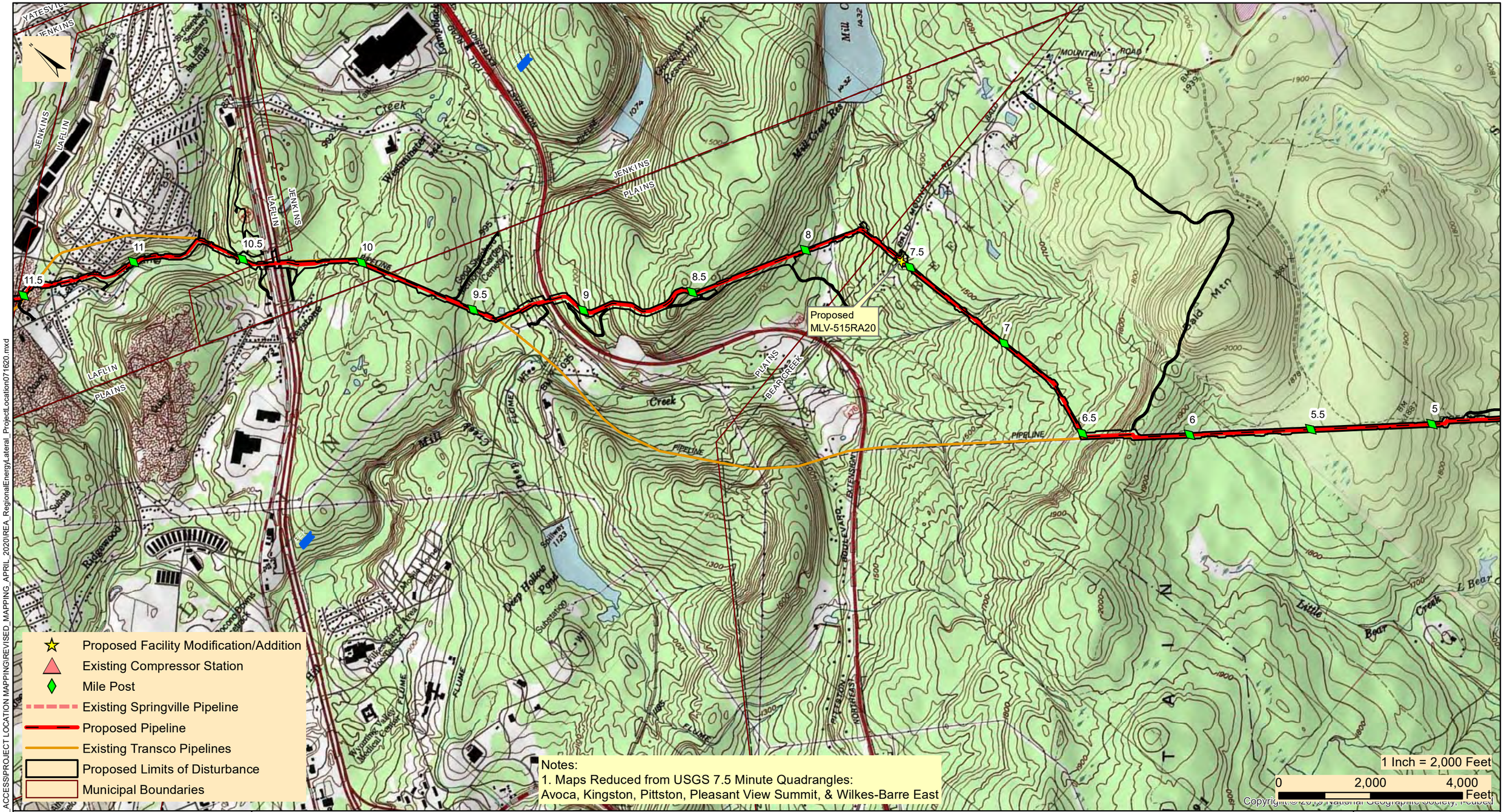
PROJECT LOCATION MAP

BUCK & BEAR CREEK TOWNSHIPS | LUZERNE COUNTY | PENNSYLVANIA

Date: 2/28/2022

Drawn By: FTN

Figure Number: REL-1



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Williams®

TRANSCONTINENTAL GAS PIPE LINE COMPANY, LLC

REGIONAL ENERGY ACCESS EXPANSION PROJECT

PROPOSED 30" REGIONAL ENERGY LATERAL

PROJECT LOCATION MAP

BEAR CREEK, JENKINS, PLAINS TWPS, & LAFLIN BOROUGH | LUZERNE COUNTY | PENNSYLVANIA

Date: 2/28/2022

Drawn By: FTN

Figure Number: REL-2

Carverton Tie-In

Proposed MLV-515RA30

17.5 17 16.5 16 15.5 15 14.5 14 13.5 13 12.5 12 11.5 11 10.5 10

- Proposed Facility Modification/Addition
- Existing Compressor Station
- Mile Post
- Existing Springville Pipeline
- Proposed Pipeline
- Existing Transco Pipelines
- Proposed Limits of Disturbance
- Municipal Boundaries

Notes:
1. Maps Reduced from USGS 7.5 Minute Quadrangles:
Avoca, Kingston, Pittston, Pleasant View Summit, & Wilkes-Barre East

1 Inch = 2,000 Feet
0 2,000 4,000 Feet

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Williams®

TRANSCONTINENTAL GAS PIPE LINE COMPANY, LLC

REGIONAL ENERGY ACCESS EXPANSION PROJECT

PROPOSED 30" REGIONAL ENERGY LATERAL

PROJECT LOCATION MAP

KINGSTON, JENKINS, WEST WYOMING, WYOMING, & LAFLIN | LUZERNE COUNTY | PENNSYLVANIA

Date: 2/28/2022

Drawn By: FTN

Figure Number: REL-3

M:\GIS\PROJECTS\REGIONAL_ENERGY_ACCESS\PROJECT LOCATION MAPPING\REVISED_MAPPING_APRIL_2020\REA_RegionalEnergyLateral_ProjectLocation071620.mxd

20.5
20
21.5
22
19.5
19
17.5
17
16.5

Hildebrandt Tie-in/
MLV-515RA40

Lower Demunds
REL Tie-In

Carverton
Tie-In

Proposed Facility Modification/Addition
Existing Compressor Station
Mile Post
Existing Springville Pipeline
Proposed Pipeline
Existing Transco Pipelines
Proposed Limits of Disturbance
Municipal Boundaries

Notes:
1. Maps Reduced from USGS 7.5 Minute Quadrangles:
Avoca, Kingston, Pittston, Pleasant View Summit, & Wilkes-Barre East

1 Inch = 2,000 Feet
0 2,000 4,000 Feet

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Williams

TRANSCONTINENTAL GAS PIPE LINE COMPANY, LLC

REGIONAL ENERGY ACCESS EXPANSION PROJECT
PROPOSED 30" REGIONAL ENERGY LATERAL

PROJECT LOCATION MAP

DALLAS, KINGSTON, & WEST WYOMING TOWNSHIP | LUZERNE COUNTY | PENNSYLVANIA

Date: 2/28/2022

Drawn By: FTN

Figure Number: REL-4

Tax Account Number / APN	Legal Desc County	Municipality
10D8 00A057000	Luzerne	Dallas
10D8 00A062000	Luzerne	Dallas
10D8 00A19B000	Luzerne	Dallas
10D8 00A51A000	Luzerne	Dallas
10D8 00A63T000	Luzerne	Dallas
10D8 00A018000	Luzerne	Dallas
10D8 00A019000	Luzerne	Dallas
10D8 00A023000	Luzerne	Dallas
10D8 00A024000	Luzerne	Dallas
10D8 00A19D000	Luzerne	Dallas
10D8 00A19E000	Luzerne	Dallas
10D8 00A57A000	Luzerne	Dallas
10D8 00A62A000	Luzerne	Dallas
10D8 00A63B000	Luzerne	Dallas
10-D8- 00A-63M-000	Luzerne	Dallas
10D8S5 005023000	Luzerne	Dallas
10D8S5 006011000	Luzerne	Dallas
10D8S5 006015000	Luzerne	Dallas
10D8S5 VARVAR000	Luzerne	Dallas
10D8S5 VARVAR000	Luzerne	Dallas
10D8S5 VARVAR

Tax Account Number / APN	Legal Desc County	Municipality
10D8S5 VARVAR000	Luzerne	Dallas
10D8S5 VARVAR000	Luzerne	Dallas
10D8S5 VARVAR000	Luzerne	Dallas
10D8S5 VARVAR000	Luzerne	Dallas
10D8S5 VARVAR000	Luzerne	Dallas
10D8S5 VARVAR000	Luzerne	Dallas
10D8S5 VARVAR000	Luzerne	Dallas
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10D9 00A09C000	Luzerne	Dallas
10D9 00A09D000	Luzerne	Dallas
10D9 00A010000	Luzerne	Dallas
10D9 00A09A000	Luzerne	Dallas
10D9 00A09B000	Luzerne	Dallas
35D9 00A005000	Luzerne	Dallas

COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
BUREAU OF CLEAN WATER

MUNICIPAL NOTIFICATION OF PLANNED LAND DEVELOPMENT FOR CHAPTER 102 PERMITS

PROJECT INFORMATION (COMPLETED BY APPLICANT)

Applicant Name:	**Transcontinental Gas Pipe Line Company, a subsidiary of Williams Partners, L.P.**	Contact Name:	**Joseph Dean** **Manager-Permitting**
Applicant Address:	**2800 Post Oak Blvd, Level 11**	Contact Phone:	**(713) 215-3427**
Applicant City, State, ZIP:	**Houston, TX 77056**	County:	**Luzerne**
		Municipality:	**Jenkins**
		Project Area:	**90.33** acres ☐ Phased
		Disturbance:	**41.42** acres

Description of Proposed Land Development and Stormwater Controls:

The Regional Energy Lateral component of the Regional Energy Access Expansion Project will consist of approximately 22.3 miles of 30-inch diameter pipeline, partially co-located with existing Transco Leidy Line-A, in Buck, Bear Creek, Plains, Jenkins, Kingston and Dallas Townships, and Laflin, Wyoming, and West Wyoming Boroughs, Luzerne County, Pennsylvania. The Regional Energy Lateral begins at existing Compressor Station 515 in Buck Township and continues westward to its terminus at Transco's existing Hildebrandt Tie-in in Dallas Township. Transco will be installing four mainline valves with appurtenant equipment, as a means to isolate gas flows along the Regional Energy Lateral. The mainline valve sites at each pipeline terminus (MLV515RA10 at Compressor Station 515 and MLV515RA40 at the Hildebrandt Tie-in) will also have pig traps (industry term for manifolds that launch or receive in-line inspection tools). The other two valve sites are proposed along the pipeline route (MLV515RA20 at Milepost 7.5 and MLV515RA30 at Milepost 14.8). Modifications at three existing pipeline interconnects are proposed to tie-in the proposed pipeline to the existing facilities. The Carverton Tie-In is located at Milepost 16.8. The Lower Demunds Tie-In is located at Milepost 22.3 and also includes a +/- 400-ft segment of 20-in pipeline to connect to the existing facility. The Hildebrandt Tie-In is located at the Regional Energy Lateral pipeline terminus and includes MLV515RA40. Two contractor yards are proposed for the Project and are located adjacent to the pipeline. CY-LU-001 is located at Milepost 15.3 and CY-LU-002 is located at Milepost 10.5. Cathodic protection equipment will be installed along the pipeline route. Deep anode ground beds are proposed at Mileposts 7.5 and 19.8, and one remote anode ground bed is proposed at Milepost 15.3 E&S BMP's are proposed within Jenkins Township.

Tax Parcel ID(s) Affected by Proposed Land Development:

See attached table

Surface Waters Receiving Stormwater Discharges:

Gardner Creek, Susquehanna River

Discharge to: ☐ MS4 ☐ Other SS ☐ CSS

The following information was submitted to the municipality for this project:

☐ Land Development / Subdivision Plan ☒ E&S Plan ☐ PCSM Plan ☐ Other:

***On March 31, 2021 Transco submitted to you its E&S and PCSM Plans (Plans) as part of the ESCGP-3 permit application notification. The purpose of this notice is to let you know that Transco will be submitting an Erosion and Sediment Control Permit for Discharges of Stormwater Associated with Construction Activities Application to the PA Dept. of Environmental Protection to replace the ESCGP-3 application. Please refer to the previously submitted Plans.**

MUNICIPAL PLAN / ORDINANCE INFORMATION (COMPLETED BY MUNICIPALITY)		
1. Is there an adopted municipal or multi-municipal comprehensive plan?	☐ Yes	☐ No
2. Is there an enacted municipal or multi-municipal zoning ordinance?	☐ Yes	☐ No
3. If Yes to #2, is the proposed project consistent with the ordinance?	☐ Yes	☐ No
4. Is there a municipal stormwater management ordinance?	☐ Yes	☐ No
5. If Yes to #4, is the proposed project consistent with the ordinance, without waiver?	☐ Yes	☐ No

6. If Yes to #4, indicate type of ordinance: ☐ Act 167 Model Ordinance ☐ DEP Model Ordinance (MS4s) ☐ Other

APPLICANT CERTIFICATION	MUNICIPAL ACKNOWLEDGEMENT
I certify under penalty of law (see 18 Pa.C.S. § 4904 (relating to unsworn falsification)) that the information reported herein was prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the information, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.	The municipality acknowledges that a permit application for the above-referenced project has been submitted to a reviewing agency and that notification requirements of Act 14 of 1984 and Acts 67, 68, and 127 of 2000 have been satisfied. The information reported herein by the municipality is true and accurate. The municipality reserves the right to comment to the reviewing agency relative to comprehensive plans, zoning, and stormwater ordinance consistency. Municipal acknowledgment of receipt of notification shall not be construed as project approval.

Joseph Dean

Applicant Name

Municipal Representative Name

Applicant Signature

Municipal Representative Signature

Manager - Permitting

Applicant Title

Municipal Representative Title

07/01/2021

Date of Signature

Date of Signature

Tax Account Number / APN	Legal Desc County	Municipality
33E11 00A0A1000	Luzerne	Jenkins
33F10 00A007000	Luzerne	Jenkins
33F11 000024000	Luzerne	Jenkins
33F11 00107B000	Luzerne	Jenkins
33F11 00A00F000	Luzerne	Jenkins
33F11 00A03A000	Luzerne	Jenkins
33F11 00A03F000	Luzerne	Jenkins
33F11 00A03G000	Luzerne	Jenkins
33F11 00A07C000	Luzerne	Jenkins
33F11 00A08B000	Luzerne	Jenkins
33F11 00A12F000	Luzerne	Jenkins
33F11 00A18F000	Luzerne	Jenkins
33F11 00A18W000	Luzerne	Jenkins
33F11 00A18W000	Luzerne	Jenkins
33F11 00A18X000	Luzerne	Jenkins
33F11 00A18Y000	Luzerne	Jenkins
33F11 00A22A000	Luzerne	Jenkins
33F11 00A22A000	Luzerne	Jenkins
33-F11-00A-008-000	Luzerne	Jenkins
33F11S1 003016000	Luzerne	Jenkins
33F11S1 00316A000	Luzerne	Jenkins
33F11S1 004005000	Luzerne	Jenkins
33F11S1 004007000	Luzerne	Jenkins
33F11S1 004012000	Luzerne	Jenkins
33F11S1 004013000	Luzerne	Jenkins
33F11S4 002017000	Luzerne	Jenkins
33F11S4 002018000	Luzerne	Jenkins
33F11S4 002018000	Luzerne	Jenkins
33F11S4 002019000	Luzerne	Jenkins
33F11S4 002040000	Luzerne	Jenkins
33F11S4 00217A000	Luzerne	Jenkins
33F11S4 00217A000	Luzerne	Jenkins
33F11S5C001001000	Luzerne	Jenkins
33G11S4 00212G000	Luzerne	Jenkins
33G11S4 00212H000	Luzerne	Jenkins
33G11S4 00212J000	Luzerne	Jenkins
unknown	Luzerne	Jenkins

From: UPS
To: SFOX@WHMGROUP.COM
Subject: UPS Delivery Notification, Tracking Number 1Z8797VV0397983689
Date: Wednesday, July 7, 2021 11:48:58 AM

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Delivery Time: 11:47 AM
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WHM CONSULTING, INC

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Ship To:	JENKINS TOWNSHIP SUPERVISORS 46 1/2 MAIN STREET INKERMAN, PA 18640 US
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UPS Service:	UPS Ground
Package Weight:	1.0 LBS
Reference Number:	WILLIAMS-20-244, TASK 2C

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March 31, 2021

UPS TRACKING (1Z8797VV0393508495)

Jenkins Township Supervisors
46 ½ Main Street
Inkerman, PA 18640

Re: Regional Energy Access Expansion Project– Regional Energy Lateral and Compressor Station 515
Pennsylvania Acts 14, 67, 68, and 127 Notification
Jenkins Township, Luzerne County, Pennsylvania

Dear Township Supervisors:

This municipal notice, under the requirements of Act 14, 97 P.S. § 510-5, is to inform you that Transcontinental Gas Pipe Line Company, LLC (Transco), a subsidiary of The Williams Companies, Inc. (Williams) is applying for coverage under the Erosion and Sediment Control General Permit (ESCGP-3) for Earth Disturbance Associated with Oil & Gas Exploration, Production, Processing or Treatment Operations or Transmission Facilities from the Pennsylvania Department of Environmental Protection (DEP).

1) Project Name: Regional Energy Access Expansion Project – Regional Energy Lateral and Compressor Station 515

2) Project Description: Transco, indirectly owned by The Williams Companies, Inc. (Williams), is seeking authorization from the Federal Energy Regulatory Commission (FERC or Commission) under Section 7(c) of the Natural Gas Act and Part 157 of the Commission's regulations, to construct, own, operate, and maintain the proposed Project facilities. The Project is an expansion of Transco's existing natural gas transmission system that will enable Transco to provide an incremental 829,400 dekatherms per day (Dth/d) of year-round firm transportation capacity from the Marcellus Shale production area in northeastern Pennsylvania (PA) to multiple delivery points along Transco's Leidy Line in PA, Transco's mainline at the Station 210 Zone 6 Pooling Point in Mercer County, New Jersey (NJ) and multiple delivery points in Transco's Zone 6 in NJ, PA, and Maryland (MD).

The Regional Energy Lateral component of the Project will consist of approximately 22.3 miles of 30-inch diameter pipeline, partially co-located with existing Transco Leidy Line-A, in Buck, Bear Creek, Plains, Jenkins, Kingston and Dallas Townships, and Laflin, Wyoming, and West Wyoming Boroughs, Luzerne County, Pennsylvania. The Regional Energy Lateral begins at existing Compressor Station 515 in Buck Township and continues westward to its terminus at Transco's existing Hildebrandt Tie-in in Dallas Township. Transco will be installing four mainline valves with appurtenant equipment, as a means to isolate gas flows along the Regional Energy Lateral. The mainline valve sites at each pipeline terminus (MLV515RA10 at Compressor Station 515 and MLV515RA40 at the Hildebrandt Tie-in) will also have pig traps (industry term for manifolds that launch or receive in-line inspection tools). The other two valve sites are proposed along the pipeline route (MLV515RA20 at Milepost 7.5 and MLV515RA30 at Milepost 14.8). Modifications at three existing pipeline interconnects are proposed to tie-in the proposed pipeline to the existing facilities. The Carverton Tie-In is located at Milepost 16.8. The Lower Demunds Tie-In is located at Milepost 22.3 and also includes a +/- 400-ft segment of 20-in pipeline to connect to the existing facility. The Hildebrandt Tie-In is located at the Regional Energy Lateral pipeline terminus and includes MLV515RA40. Two contractor yards are proposed for the Project and are located adjacent to the pipeline. CY-LU-001 is located at Milepost 15.3 and CY-LU-002 is located at Milepost 10.5. Cathodic protection equipment will be installed along the pipeline route. Deep anode ground beds are proposed at Mileposts 7.5 and 19.8, and one remote anode ground bed is proposed at Milepost 15.3.

The existing Compressor Station 515 component of the Project is located at the eastern terminus of the Regional Energy Lateral in Buck Township, Luzerne County. Proposed at this facility is the addition of two gas-fired turbine driven compressor units with 63,742 nominal HP at ISO conditions and modification of three existing compressors to support the Project and to accommodate the abandonment and replacement of approximately 17,000 HP from five existing gas-fired reciprocating engine driven compressors and increase the certificated station compression by 46,742 HP. One Mainline Valve will be installed at this facility (MLV515RA10).

3) Applicant Name: Transcontinental Gas Pipe Line Company, LLC's (Transco), a subsidiary of Williams Partners L.P. (Williams)

4) Applicant Contact: Joseph Dean
Manager, Permitting
2800 Post Oak Blvd, Level 11
Houston, TX 77056
(713) 215-3427

5) Site Location: The proposed Project is located on the Kingston, Pittston, Wilks-Barre East, Pleasant View Summit, Pennsylvania, 7.5 Minute USGS quadrangle. The Project is partially co-located with an existing pipeline right-of-way. The eastern terminus of the Regional Energy Lateral is located at: 41°10'24.037" 75°40'18.141"W, and is also the location of Compressor Station 515. The western pipeline terminus: 41°20'48.869"N, 75°56'46.642"W.

6) Municipality / County: Buck, Bear Creek, Plains, Jenkins, Kingston, and Dallas Townships, Wyoming, West Wyoming, and Laflin Boroughs, Luzerne County

Act 14, which amended the Commonwealth's Administrative Code (71 P.S. § 510-5), requires every applicant for a new, amended, or revised permit to give written notice to each municipality (borough, township) and county government in which the facility is located. The municipality and county government must receive the written notice at least thirty (30) - days before DEP may issue or deny approval of coverage.

Enclosed is a complete copy of the Notice of Intent (NOI) completed for the project as well as copies of the erosion and sediment control plans.

Sincerely,

Ryan J. Nelson, PWS
WHM Consulting, LLC

Enclosures:
NOI Form
Erosion and Sediment Control Plan Drawings

From: UPS
To: SFOX@WHMGROUP.COM
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Date: Thursday, April 1, 2021 10:29:04 AM

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Signed by: FARCHIELD

WHM CONSULTING, INC

Tracking Number:	**1Z8797VV0393508495**
Ship To:	JENKINS TOWNSHIP SUPERVISORS 46 1/2 MAIN STREET INKERMAN, PA 18640 US
Number of Packages:	1
UPS Service:	UPS Ground
Package Weight:	4.0 LBS
Reference Number:	WILLIAMS 20-244, TASK 2C

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pennsylvania
DEPARTMENT OF ENVIRONMENTAL PROTECTION

COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
OFFICE OF WATER PROGRAMS
OFFICE OF OIL AND GAS MANAGEMENT

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Date Received
AUTH
SITE
CLNT
APS
Fee
Check No.
Check Date

NOTICE OF INTENT (NOI) FOR COVERAGE UNDER THE EROSION AND SEDIMENT CONTROL GENERAL PERMIT (ESCGP-3) FOR EARTH DISTURBANCE ASSOCIATED WITH OIL AND GAS EXPLORATION, PRODUCTION, PROCESSING, OR TREATMENT OPERATIONS OR TRANSMISSION FACILITIES

READ THE INSTRUCTIONS PROVIDED IN THIS PERMIT APPLICATION PACKAGE BEFORE COMPLETING THIS FORM. PLEASE PRINT OR TYPE INFORMATION IN BLACK OR BLUE INK.

SECTION A. APPLICATION TYPE

Check one:

NEW ☒ **RENEWAL** ☐ **MAJOR MODIFICATIONS (Provide ESCGP number)** ☐

PHASED ☐ (check only if applicable; *note: Most projects are not submitted as phased projects*)

Check one: EXPEDITED ☐ **STANDARD** ☒

If an Expedited Review Process being requested, be advised that the Expedited Review is not available for all projects. Refer to Section D - Expedited Review Process of the ESCGP-3 NOI Instructions to determine if the project is eligible.

SECTION B. CLIENT INFORMATION

Applicant's Last Name (If applicable)	First Name	MI	Telephone No.
Organization Name or Registered Fictitious Name Transcontinental Gas Pipe Line Company, LLC (Contact: Joseph Dean)			Telephone No. (713) 215-3427
DEP Client ID No.			
Headquarters Mailing Address 2800 Post Oak Blvd, Level 11	City Houston	State TX	ZIP Code 77056
Email Address Joseph.Dean@williams.com			
Co-Applicant's Last Name (If applicable)	First Name	MI	Telephone No.
Organization Name or Registered Fictitious Name			Telephone No.

Address	City	State	ZIP Code
Email Address			

SECTION C. SITE INFORMATION			
Is there an existing ESCGP associated with this site? ☐ Yes ☒ No If yes, Permit No. _____			
Has a well permit application been submitted for this site? ☐ Yes ☒ No If yes, Permit No. _____ Does this site have a 911 address? ☐ Yes ☒ No If yes, provide site location address.			
Site Name Regional Energy Access Expansion Project			
Site Location See Attachment 1-1.1- NOI Supporting Information	Site No. (if another permit has been issued for the site)		
Site Location – City See Attachment 1-1.1- NOI Supporting Information		State PA	ZIP Code
Detailed Written Directions to Site See Attachment 1-1.1- NOI Supporting Information for locations of all project sites			

Primary Location	County	Municipality	City	Boro	Twp.
	Luzerne, Northhampton, Bucks, Chester, and Monroe	Buck, Bear Creek, Plains, Jenkins, Kingston, Lower Mt. Bethel, Ross, Chestnut Hill, Tunkhannock, Lower Makefield, East Whiteland and Dallas Townships Wyoming, West Wyoming, and Laflin Boroughs	☐	☒	☒

SECTION D. EXPEDITED REVIEW	
I. Expedited Review Eligibility	
1. Is any part of the project in the watershed of a surface water with an existing or designated use of exceptional value or high quality pursuant to Chapter 93 (relating to water quality standards), in an exceptional value wetland in accordance with 25 Pa. Code § 105.17, or in the watershed of an impaired surface water where the cause of the impairment is identified as siltation?	☒ Yes ☐ No
2. Will the project in which the well pad will be constructed be in or on a floodplain?	☐ Yes ☒ No
3. Is any earth disturbance located or proposed to be located on land known to be contaminated by the release of regulated substances as defined in Section 103 of Act 2, 35 P.S. § 6026.103?	☐ Yes ☒ No
4. Will naturally occurring geologic formations or soil conditions provide hazards to the project or surrounding environment or have the potential to cause or contribute to pollution when disturbed?	☒ Yes ☐ No
5. Do any unresolved non-compliance issues exist with the applicant or the facility?	☐ Yes ☒ No
6. Is the project a transmission project?	☒ Yes ☐ No

If yes to any of the above questions the project is not eligible for Expedited Review; If the project is eligible for Expedited Review, all the following items must be completed.	
II. Expedited Review Process	
1. Is the technically and administratively complete and accurate NOI package prepared and certified by a licensed professional?	☐ Yes ☐ No
2. Are E&S and PCSM/Site Restoration Plan drawings and narrative prepared and sealed by a licensed professional? *(Include interim restoration details when needed)*	☐ Yes ☐ No
3. Include a Resource Delineation Report and answer the following questions: (If the answer to question a. is "Yes" then skip to #4. If the answer to a. is "No" the applicant must answer "Yes" to at least one of the questions, b. through d. to be eligible for expedited review.)	
a. Were all wetland resources delineated during the growing season?	☐ Yes ☐ No
b. If not during the growing season, was a follow-up visit conducted during the growing season to verify/adjust boundaries and look for potentially missed resources?	☐ Yes ☐ No
c. Was a quality assurance field review conducted at a later date by an independent qualified wetland professional to verify boundaries and look for potentially missed resources? (If yes, attach Quality Assurance Field Review Report)	☐ Yes ☐ No
d. Was a Jurisdictional Determination (JD) or Preliminary JD conducted by the US Army Corps of Engineers on the whole project? (If yes, attach Preliminary or Jurisdictional Determination Report)	☐ Yes ☐ No
4. If applicable, have you included PNDI clearance letters or other documentation from applicable resource agencies?	☐ Yes ☐ No
5. If the project site contains, is along, or within 100 feet of a river, stream, creek, lake, pond or reservoir, will you establish new or preserve existing riparian forest buffer at least 100 feet in width between the top of streambank or normal pool elevation of a lake, pond or reservoir and areas of earth disturbances. If no, will a waiver be obtained? ☐ Yes ☐ No	☐ Yes ☐ No
6. Name of Licensed Professional Company	
Address	
Phone	

SECTION E. PROJECT INFORMATION			
1. Total Project Area/Project Site (Ac):	1,346 (Also see Attachment 1-1.1)	Total Disturbed Area (Ac):	689.8 (Also see Attachment 1-1.1)
Increased disturbed acreage *(for permit modification only)*			
Fee: ***(For additional information regarding fees, refer to NOI Instructions #3 Permit NOI Filing Fees.)***			$ $500 (Filing Fee), $69,000 (Disturbed Acre Fee)
2. Project Name: Regional Energy Access Expansion Project			

3. Project Type (Check all that apply)

- ☐ Oil/Gas Well [1]
- ☐ Gathering Facility
- ☐ Treatment Facility
- ☒ Compressor Station
- ☒ Pipeline
- ☐ Storage Field Facility
- ☐ Other
- ☒ Transmission Facility
- ☐ Processing Facility
- ☐ Well Development Impoundment
- ☐ Non-FERC regulated Transmission Facility
- ☐ Ground/Surface Water Withdrawal Site

[1] If Oil/Gas Well; is the well conventional or unconventional? ☐ Conventional ☐ Unconventional

Project Description

Transco, indirectly owned by The Williams Companies, Inc. (Williams), is seeking authorization from the Federal Energy Regulatory Commission (FERC or Commission) under Section 7(c) of the Natural Gas Act and Part 157 of the Commission's regulations, to construct, own, operate, and maintain the proposed Project facilities

The Project is an expansion of Transco's existing natural gas transmission system that will enable Transco to provide an incremental 829,400 dekatherms per day (Dth/d) of year-round firm transportation capacity from the Marcellus Shale production area in northeastern Pennsylvania (PA) to multiple delivery points along Transco's Leidy Line in PA, Transco's mainline at the Station 210 Zone 6 Pooling Point in Mercer County, New Jersey (NJ) and multiple delivery points in Transco's Zone 6 in NJ, PA, and Maryland (MD). The Project will consist of the following components:
•Approximately 22.3 miles of 30-inch-diameter pipeline partially collocated with Transco's Leidy Line A from milepost (MP) 0.00 to MP 22.32 in Luzerne County, PA (Regional Energy Lateral);
• Approximately 13.8 miles of 42-inch-diameter pipeline collocated with Transco's Leidy Line System from MP 43.72 to MP 57.50 in Monroe County, PA (Effort Loop);
• New gas-fired turbine driven compressor station identified as Compressor Station 201 with 11,107 nominal horsepower (HP) at International Organization of Standardization (ISO) conditions in Gloucester County, NJ;
• Addition of two gas-fired turbine driven compressor units with 31,800 nominal HP at ISO conditions at existing Compressor Station 505 in Somerset County, NJ, to accommodate the abandonment and replacement of approximately 16,000 HP from eight existing internal combustion engine-driven compressor units and increase the certificated station compression by 15,800 HP;
• Addition of two gas-fired turbine driven compressor units with 63,742 nominal HP at ISO conditions and modification of three existing compressors at existing Compressor Station 515 in Luzerne County, PA to support the Project and to accommodate the abandonment and replacement of approximately 17,000 HP from five existing gas-fired reciprocating engine driven compressors and increase the certificated station compression by 46,742 HP;
• Uprate and rewheel two existing electric motor-driven compressor units at existing Compressor Station 195 in York County, PA to increase the certificated station compression by 5,000 HP and accommodate the abandonment of two existing gas-fired reciprocating engine driven compressors which total approximately 8,000 HP of compression;
•Modifications at existing Compressor Station 200 in Chester County, PA;
•Uprate one existing electric motor-driven compressor unit at Compressor Station 207 in Middlesex County, NJ to increase the certificated station compression by 4,100 HP;
• Modifications to three (3) existing pipeline tie-ins in PA (Hildebrandt Tie-in, Lower Demunds REL Tie-in, and Carverton Tie-in);
•Addition of regulation controls at an existing valve setting on Transco's Mainline "A" in Bucks County, PA (Mainline A Regulator);
•Modifications at the existing Delaware River Regulator in Northampton County, PA;
•Modifications at the existing Centerville Regulator in Somerset County, NJ;
•Modifications to the existing valves and piping at the Princeton Junction (Station 210 Pooling Point) in Mercer County, NJ;
• Modifications to three (3) existing delivery meter stations in NJ (Camden M&R Station, Lawnside M&R Station, and Mt. Laurel M&R Station);
•Modifications to one (1) existing delivery meter station in MD (Beaver Dam M&R Station);
•Contractual changes (no modifications) at ten (10) existing delivery meter stations in PA and NJ (Algonquin-Centerville Meter Station, Post Road Meter Station, New Village Meter Station, Spruce Run Meter Station, Marcus Hook Meter Station, Ivyland Meter Station, Repaupo Meter Station, Morgan Meter Station, Lower Mud Run Meter Station, and Chesterfield Meter Station);
• Additional ancillary facilities, such as mainline valves (MLVs), cathodic protection, communication facilities, and internal inspection device (e.g., pig) launchers and receivers in PA; and
• Existing, improved, and new access roads and contractor yards/staging areas in PA, NJ, and MD.
Provide the date of pre-application meeting (if conducted with the Department) 04/27/20, 07/09/20, 09/04/20, 09/30/20, 12/15/20, 12/16/20, 01/06/21, 02/05/21

4. Provide the latitude and longitude coordinates for the center of the project. The coordinates should be in Decimal degrees and North American Datum 1983. The coordinates must meet the current DEP policy regarding locational accuracy. For linear projects provide the project's termini. See Attachment 1-1.1

Latitude (DD) . Longitude (DD) - .

Latitude (DD) . Longitude (DD) - .

Horizontal Collection Method: ☐ GPS ☒ Interpolated from U.S.G.S. Topographic Map ☐ DEP's eMAP

5. U.S.G.S. 7.5 min. topographic quadrangle Name (See Attachment 1-1.1)
(*Include a copy of the project area on the 7.5 min quad map)*

6. Will the project be conducted as a phased permit project? ☐ Yes ☒ No
If Yes, Include Master Site Plan Estimated Timetable for Phased Projects. ☐ Additional sheet(s) attached.

Phase No. or Name	Description	Total Area	Disturbed Area	Start Date	End Date

7. List existing and previous land use for a minimum of the previous 5 years. (See Section 2 of this ESCGP-3 Application)

8. Other Pollutants: Will the stormwater discharge contain pollutional substances other than sediment? ☐ Yes ☒ No

9. Will fuels, chemicals, solvents, other hazardous waste or materials be used or stored on site during earth disturbance activities or will Horizontal Directional Drilling (HDD) activities be conducted?
Yes ☒ No ☐ ***(If yes, Preparedness, Prevention and Contingency (PPC) Plan must be maintained on site during earth disturbance. See NOI Instructions, E.9 PPC Plan Guidance for further information.)***

10. Is the project in the watershed of an impaired surface water where the cause of the impairment is identified as siltation?
Yes ☒ No ☐ (See Section 2-5 of this ESCGP-3 Application) ***(If yes, show how the project will not result in a net change in volume, rate or water quality. See section I below, and E.10 of NOI instructions.)***

11. Are there potentially hazardous naturally occurring geological or soil conditions in any portion of the project or surrounding area? Yes ☒ No ☐

If yes, do the potentially hazardous geologic or soil conditions have the potential to cause or contribute to pollution as a result of the proposed earth disturbance activities?

If no, provide an explanation.

If yes, Geologic Hazard Mitigation Plan must be attached and explain where in this application details are provided.

12. Has the Act 14 Municipal Notification and proof of receipt of notification been attached to the NOI?
Yes ☒ No ☐ ***(If not, the NOI is not complete, see E.12 and #4 Municipal Notification in the NOI Instructions for additional guidance.)***

13. Has the PNDI receipt been attached to the NOI?
Yes ☒ No ☐ ***(If not, the NOI is not complete, see E.13 and #5 PNHP in the NOI Instructions for additional guidance.)***

14. Have the E&S Plan and PCSM/SR Plan been planned and designed to be consistent?
Yes ☒ No ☐

15. Have existing and/or proposed Riparian Forest Buffers been identified?
Yes ☒ N/A ☐ ***(If yes, they must be shown on the E&S Plan as well as the PCSM/SR Plans.)***

16. Have antidegradation implementation requirements for special protection waters been addressed?
Yes ☒ No ☐ N/A ☐ ***(If yes, antidegradation requirements must be included in the plan.)***

17. Has the seasonal high groundwater level been identified and 20-inch separation established at all excavation locations for pits for conventional operations and Well Development Impoundments for unconventional operations?

    Yes ☐ No ☐ N/A ☒

18. Receiving Waters	Chapter 93, Designated Use Stream Classification	Chapter 93, Existing Use Stream Classification
Effort Loop- Lake Creek (HQ-CWF,MF) Princess Run (CWF,MF) Weir Creek (CWF,MF) McMichael Creek (EV, MF) and (HQ-CWF) Pohopoco Creek (CWF,MF) Sugar Hollow Creek (CWF,MF) Poplar Creek (EV,CWF,MF) Mud Run (HQ-CWF, MF) Mud Pond Run (HQ-CWF,EV,MF) Tunkhannock Creek (HQ-CWF,MF) Regional Energy Lateral- Stony Run (HQ-CWF,MF) Shades Creek (HQ-CWF,MF) Little Shades Creek (HQ-CWF,MF) Snider Run (HQ-CWF,MF) Meadow Run (HQ-CWF,MF) Bear Creek (HQ-CWF,MF) Little Bear Creek (HQ-CWF,MF) Mill Creek (CWF,MF) Gardner Creek (CWF,MF) Susquehanna River (WWF,MF) Abrahams Creek (CWF,MF) Toby Creek (CWF,MF) Trout Brook (CWF,MF) Compressor Station 515- Shades Creek (HQ-CWF,MF) Stony Run (HQ-CWF,MF) Compressor Station 200- Valley Creek (EV,MF) Delaware River Regulator- Mud Run (CWF, MF) Mainline "A" Regulator - Dyers Creek (WWF,MF) See Attachment 1-1.1 for detailed list.	☒ HQ ☒ EV ☒ Other CWF, MF, WWF ☒ Siltation-impaired	☐ HQ ☒ EV ☒ Other MF ☐ Siltation-impaired
	☐ HQ ☐ EV ☐ Other _____ ☐ Siltation-impaired	☐ HQ ☐ EV ☐ Other _____ ☐ Siltation-impaired

	☐ HQ ☐ EV ☐ Other _____ ☐ Siltation-impaired ☐ HQ ☐ EV ☐ Other _____ ☐ Siltation-impaired	☐ HQ ☐ EV ☐ Other _____ ☐ Siltation-impaired ☐ HQ ☐ EV ☐ Other _____ ☐ Siltation-impaired
Secondary Receiving Water	Secondary Chapter 93, Designated Use	Secondary Existing Use
Name of Municipal or Private Separate Storm Sewer Operator, if applicable.		
Non-Surface Receiving Water: (include off-site discharges)		

SECTION F. EROSION AND SEDIMENT CONTROL (E&S) PLAN

See the attached Instructions for additional guidance with E&S Plans

Erosion and Sediment Control Plan BMPs should be designed to minimize accelerated erosion and sedimentation through limiting the extent and duration of earth disturbance, protection of existing drainage and vegetation, limiting soil compaction and controlling the generation of increased runoff. The Department recommends the use of the *Pennsylvania Erosion & Sedimentation Pollution Control Program Manual (E&S Manual)* (363-2134-008) to achieve this goal. The E&S Plan must meet the requirements of Pa. Code § 102.4(b) and submitted with the NOI. Also, see section 2. of the NOI instruction for detailed information on completing the E&S plan and additional requirements.

a. E&S Plan Summary

Provide a summary of proposed E&S BMPs and their performance to manage E&S for the project.

Typical BMPs provided along the pipeline Right-Of-Way includes waterbars, trench plugs, compost filter socks, compost sediment traps, rock filter outlets, erosion control blankets, rock construction entrances, temporary equipment bridges, timber mats, diversion channels, level spreaders, mulch and seed. An appropraite sediment removal device (filter bag, dewatering structure) and well-vegetated area will be utilized for trench dewatering. In HQ, EV watersheds, appropriate Antidegradation Best Available Combination of Technologies (ABACT) BMPs will be utilized. Additional information regarding all the proposed BMPs are provided in the Erosion and Sedimentation Control and Site Restoration Plans of respective project components (Section 2 of this ESCGP-3 Application).

b. E&S Plan BMP Design

Check those that apply:

☒ E&S Plan is designed using BMPs in the *E&S Manual*.

☐ E&S Plan is designed using an alternative BMP or design standard approved by DEP.

Note: NOI packages submitted with alternate BMPs not approved by the Department will be returned to the Applicant.

c. Do you have any information regarding riparian buffer which differs from Section G, Riparian Buffer?

Yes ☐ No ☒

Explain:

d. Thermal Impacts Analysis

Explain how thermal impacts associated with this project were avoided, minimized, or mitigated.

Thermal impacts associated with Regional Energy Access Expansion Project will be avoided to the maximum extent possible. Minimum permanent changes in land cover are being proposed for constructing the pipeline facilities. Runoff from impervious areas added during the project will be suitably routed to Stormwater BMPs. Gravel will be used for access roads wherever practicable. To avoid thermal impacts arising from clearing and grading, removal of vegetation will be limited to only that necessary for construction and construction Right-Of-Way will be limited to 75 feet in wetlands and floodways where practical. Once construction activities are complete, disturbed areas will be restored to pre-construction contours and seeded as described in Erosion and Sediment Control and Site Restoration Plans. Temporary workspaces will be restored back with woody and herbaceous species. Thermal impacts assessments corresponding to each project component including pipelines and aboveground facilities are given in Section 2 and 3 of this ESCGP-3 Application.

e. Off-Site Discharge Analysis

Does the activity propose any off-site discharges to areas other than surface waters? ☒ Yes ☐ No

If yes, it is the applicant's responsibility to ensure that they have legal authority for any off-site discharge to neighboring properties.

The applicant must provide a demonstration in both E&S and PCSM/SR plans that the discharge will not cause erosion, damage, or a nuisance to off-site properties.

See Offsite Discharge Analysis Sections in E&S Narratives

SECTION G. RIPARIAN BUFFER

1. Will you be protecting, converting or establishing a voluntary riparian forest buffer as part of this project?
   ☐ Yes ☒ No
   If yes, as part of the PCSM/SR Plan, provide a Buffer Management Plan.
2. Will proposed earth disturbance activities be conducted in an EV or HQ watershed AND within 150 feet of a perennial or intermittent river, stream, or creek, or lake, pond, or reservoir? ☒ Yes ☐ No

   If no, proceed to the next section/module.
3. Does this project qualify for an exception (see § 102.14(d)(1))? ☒ Yes ☐ No

   If yes, indicate below the type of project for which the exception applies by marking the appropriate box.

   ☐ Oil and gas activities for which site reclamation or restoration is part of the permit authorization in Chapter 78 and 78a.

   ☒ Road maintenance activities.

   ☐ The repair or maintenance of existing pipelines and utilities.

   ☐ Other (see §102.14(d)(1))

   If exceptions are checked, explain how existing riparian buffer will be undisturbed to the extent practicable. Provide a demonstration that the requirements of §102.14(b) are met, or provide the necessary information to request a riparian buffer waiver.
4. Are you requesting a riparian buffer waiver for this project (see § 102.14(d)(2))? ☒ Yes ☐ No

   If yes, indicate below the type of project for which you are requesting a waiver by marking the appropriate box.

   ☒ Linear project that may include pipelines, public roadways, rail lines, or utility lines.

   ☒ Project is of a temporary nature where the site will be fully restored to its preexisting conditions during the ESCGP permit term.

   ☒ Project where compliance with mandatory riparian buffers is not appropriate or feasible due to site characteristics or existing structures at the project site.

   ☐ Other (see §102.14(d)(2)):

   If waivers are checked, explain how existing riparian buffers will be undisturbed to the extent practicable.

   Note: If “Yes” to #2 **AND** “No” to #3 and #4, provide an attachment to demonstrate how the requirements of §102.14 are met.

SECTION H. POST CONSTRUCTION STORMWATER MANAGEMENT (PCSM) AND/OR SITE RESTORATION(SR) PLAN

See NOI Instructions for additional guidance with PCSM Plans

PCSM/SR BMPs should be designed to use natural measures to eliminate pollution, infiltrate runoff, not require extensive construction/maintenance, promote pollutant reduction, and preserve the integrity of stream channels. All PCSM/SR BMPs proposed in the PCSM/SR Plan must be designed in accordance with Ch. 102, Ch. 78a for unconventional operations, Ch. 78 for conventional operations and the *Pennsylvania Stormwater Best Management Practices Manual (Stormwater BMP Manual)* (363-0300-002). If alternate design criteria are utilized for the proposed project, they must have prior approval by the Department, or the NOI Application will be returned to the Applicant.

After construction is completed, how much of the entire disturbed area will be restored to meadow in good condition or better, or existing conditions? ☐ All ☒ Partial ☐ None

Include PCSM narrative and drawings for remaining impervious area. Also include a map showing the proposed contours of the site restoration plan.

If there are additional stages of the project prior to permit termination or expiration, list the stages and provide the documents required by subsection 'a' to section 'g' for each stage (e.g. partial restoration or changes to the amount of compacted areas, gravel, and/or impervious areas). Upload a narrative for each additional stage in addition to the drawings.

EXAMPLE

Stage No	Stage Name	PCSM Plan	SR Plan
Stage 1		☐	☐
Stage 2		☐	☐
Stage 3		☐	☐
Stage 4		☐	☐

Act 167 Consistency. Check those that apply.

Is there an Act 167 Plan? ☒ Yes ☐ No

☒ The attached PCSM/SR Plan is consistent with an applicable approved Act 167 Plan.

Complete the following for all approved Act 167 Stormwater Management Plans. (Use additional sheets if necessary)

Act 167 Plan Name	Date Adopted	Consistency Letter Included	
Luzerne County Stormwater Management Ordinance	August 18, 2010	Verification Report Included	☒
Valley Creek Watershed Stormwater Management Plan	February 04, 2011		

Note: A consistency letter is not required if a verification report is provided. See NOI Instructions. The PCSM/SR Plan must satisfy either sub paragraph 1, 2, or 3 below. Check those that apply.

1. ☒ Act 167 Plan approvals on or after January 2005 – The attached PCSM/SR Plan, in its entirety, is consistent with all requirements pertaining to rate, volume, and water quality from an Act 167 Stormwater Management Plan approved by DEP on or after January 2005. Box 1 must be checked if a current, DEP approved Act 167 plan exists.

2. ☒ The PCSM/SR Plan meets the standard design criteria from sections 102.8(g)(2) and (3) and the *Stormwater BMP Manual*. For projects involving oil and gas activities authorized by a permit issued under Chapter 78 or Chapter 78a (well pads) or pipelines and other similar utility infrastructure, post construction stormwater management requirements are met for all areas that are restored to preconstruction conditions or to a condition of meadow in good condition or better. *[Note: PCSM plans must meet both the volume and rate requirements in the regulations, which are provided in the 2 sections mentioned in this paragraph].*

3. ☐ Alternative Design Standard – The attached PCSM/SR Plan was developed using approaches as provided in 102.8(g)(2)(iv) and 102.8(g)(3)(iii). Demonstrate/explain in the space provided below how this standard will be either more protective than what is required in 102.8(g)(2) and 102.8(g)(3) or will maintain and protect existing water quality and existing and designated uses.

PCSM/SR BMP Alternative Standards:

Has the alternative BMP or design standard been approved by the Department?

☐ Yes

☐ No – Do not submit the ESCGP-3 application and see Section (H) of the NOI Instructions concerning the alternative BMP approval process.

Water Quality Compliance:

Does the PCSM/SR plan comply with requirements for volume control? ☒ Yes ☐ No

If yes, is at least 90% of the disturbed area controlled by a PCSM BMP? ☒ Yes ☐ No

If yes, do you have the Standard PCSM Worksheet # 10 attached to show water quality compliance has achieved?
☒ Yes ☐ No

If no, attach Standard PCSM Worksheets # 12 and #13 to show water quality compliance has achieved.

If PCSM/SR plan is not complying with the requirements for volume control, attach Standard PCSM Worksheets # 11, # 12 and #13 to show water quality compliance has achieved.

a. PCSM/SR Plan Summary

Provide a summary of proposed BMPs and their performance to manage PCSM/SR for the project.

Along the pipeline Right-Of-Way, typical E&S BMPs such as waterbars and erosion control blanket will be left in place as part of site restoration. After construction activities are completed, temporary workspaces will be restored to meadow in good condition or better than existing conditions. For the aboveground facilities, PCSM BMPs such as infiltration basins, diversion channels and vegetated swales will be used and left in place as part of site restoration. Additional information regarding all the proposed BMPs are provided in the Post-Construction Stormwater Management Plans of respective project components (Section 3 of this ESCGP-3 Application).

Check all that apply ☒ PCSM BMPs ☒ SR BMPs

b. Do you have any information regarding riparian buffer which differs from what was submitted in the Section G, Riparian Buffer?

☐ Yes ☒ No

Explain:

c. Thermal Impacts Analysis

Explain how thermal impacts associated with this project were avoided, minimized, or mitigated.

Runoff collected in PCSM BMPS such as infiltration basins will mitigate thermal impacts from post construction stormwater. Runoff collected in infiltration basins are discharged to receiving waters are not expected to be retained for more than 24 hours. Minimum permanent changes in land cover are being proposed for constructing the pipeline facilities. Gravel will be used for access roads wherever practicable. Removal of trees and riparian vegetation and addition of impervious surfaces will be limited to only that necessary for construction. Once construction activities are complete, disturbed areas will be restored to pre-construction contours and seeded as described in Erosion and Sedimental Control and Site Restoration Plans. Temporary workspaces will be restored back with woody and herbaceous species. Thermal impacts assessments correspoding to each project component including pipelines and aboveground facilities are given in Section 2 and 3 of this ESCGP-3 Application.

d. Off-Site Discharge Analysis.

Does the activity propose any off-site discharges to areas other than surface waters? ☒ Yes ☐ No

If yes, it is the applicant's responsibility to ensure that they have legal authority for any off-site discharge to neighboring properties.

The Applicant must provide a demonstration in both the E&S and PCSM/SR Plans that the discharge will not cause erosion, damage, or a nuisance to off-site properties.

See Offsite Discharge Analysis Sections in PCSM Narratives

NOI Section H. POST CONSTRUCTION STORMWATER MANAGEMENT (PCSM) PLANS

Summary Calculations of Post Construction Stormwater BMPs

1. Regional Energy Lateral Pipeline - MLV-515RA20
2. Regional Energy Lateral Pipeline - MLV-515RA30
3. Regional Energy Lateral Pipeline - Carverton Tie-in
4. Regional Energy Lateral Pipeline - Lower Demunds REL Tie-in
5. Regional Energy Lateral Pipeline – Hildebrandt Tie-in/MLV-515RA40
6. Effort Loop Pipeline - MLV-505LD86
7. Compressor Station 200
8. Compressor Station 515

NOTICE OF INTENT (NOI) FOR COVERAGE UNDER THE EROSION AND SEDIMENT CONTROL GENERAL PERMIT (ESCGP-3) FOR EARTH DISTURBANCE ASSOCIATED WITH OIL AND GAS EXPLORATION, PRODUCTION, PROCESSING, OR TREATMENT OPERATIONS OR TRANSMISSION FACILITIES

TABLES IN ADDENDUM OF NOI

SECTION H. POST CONSTRUCTION STORMWATER MANAGEMENT (PLAN) BMPs

Regional Energy Lateral Pipeline - MLV-515RA20 - Zenker Valve Yard

e. Summary Table for Supporting Calculation and Measurement Data
(See NOI Instructions for additional guidance with this section)

The remainder of this section (Summary Table for Calculation and Measurement Data) does not need to be completed for areas of projects involving oil and gas activities authorized by Chapter 78 or Chapter 78a (well pads) or pipelines and other similar utility infrastructure which will be restored to meadow in good condition or better or existing conditions.

Watershed Name: Mill Creek

Volume Control design storm frequency 2-year Rainfall amount 2.95 inches	Pre-construction	Post Construction	Net Change
Impervious area (acres)	0.00	0.19	+0.19
Volume of stormwater runoff (acre-feet) without planned stormwater BMPs	0.04	0.06	+0.02
Volume of stormwater runoff (acre-feet) with planned stormwater BMPs		0.03	-0.01
Stormwater discharge rate for the design frequency storm	Pre-construction	Post Construction	Net Change
1) 2-Year/24-Hour	3.51	3.22	-0.29
2) 10-Year/24-Hour	6.82	6.17	-0.65
3) 50-year/24-Hour	11.88	11.12	-0.76
4) 100-year/24-Hour	14.91	14.91	-0.00

f. Summary Description of PCSM/SR BMPs

In the lists below, check the BMPs identified in the PCSM Plan. The primary function(s) of the BMP listed in the functions column (infiltration/recharge; detention/retention; water quality). Additional functions may be added if applicable to that BMP. List the stormwater volume and area of runoff to be treated by each BMP type when calculations are required. If any BMP in the PCSM/SR Plan is not listed below, describe it in the space provided after "Other". A summary table with infiltration testing information (Attachment E, included in the NOI Instructions) must be submitted for all Bio-infiltration BMPs included in PCSM/SR plan.

For Rate control provide the volume of stormwater treated and acres treated for the 100-year/24-hour storm event.

For volume control and water quality provide the volume of stormwater treated and acres treated for the 2-year/24-hour storm event.

Key for BMP purpose(s): VC = Volume Control; RC = Rate Control; and WQ = Water Quality

BMP	Function(s)	Purpose(s)	Volume of stormwater treated	Acres treated
Site Restoration ONLY				
☐ Restore Site to Meadow in Good Condition or Better, or Existing Conditions	Infiltration/Recharge Detention/WQ Treatment	☐ VC ☐ RC ☐ WQ	_____	_____
Bio-infiltration areas	Infiltration/Recharge			
☐ Infiltration Trench		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Infiltration Bed		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Infiltration Basin		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Rain Garden/ Bioretention		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Infiltration Berm				
☐ Vegetated Swale		☐ VC ☐ RC ☐ WQ	_____	_____
Natural Area Conservation	Infiltration/Recharge			
☐ Streamside Buffer Zone		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Wetland Buffer Zone		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Sensitive Area Buffer Zone		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Pre-Construction Drainage Pattern Intact		☐ VC ☐ RC ☐ WQ	_____	_____
Stormwater Retention	Detention/Retention			
☐ Constructed Wetlands		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Wet Ponds		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Retention Basin		☐ VC ☐ RC ☐ WQ	_____	_____
Sediment and Pollutant Removal	Water Quality Treatment			
☐ Vegetated Filter Strips		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Compost Filter Sock		☐ VC ☐ RC ☐ WQ	_____	_____
☒ Detention Basins		☒ VC ☒ RC ☒ WQ	1,396cf(2-yr); 6,186cf(100-yr)	0.28
Access Road Design	Infiltration/Recharge			
☐ Road Crowning		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Ditches		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Turnouts		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Culverts		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Roadside Vegetated Filter Strips		☐ VC ☐ RC ☐ WQ	_____	_____

Stormwater Energy Dissipaters	Infiltration/Recharge			
☐ Level Spreaders		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Riprap Aprons		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Upslope Diversions		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Other_____		☐ VC ☐ RC ☐ WQ	_____	_____

g. Critical PCSM Plan stages

Identify and list critical stages of implementation of the PCSM Plan for which a licensed professional or designee shall be present on site.

1. Upon commencement of construction activities to ascertain the Dry Extended Detention Basin area has been flagged and fence erected to prevent access to the area.

2. At completion of Diversion Channels to ensure they have been constructed to the proposed lines and grades, the specified lining materials have been installed in accordance with the requirements of the plans and specifications, and if applicable, vegetation has been established.

3. At the beginning of construction of the Dry Extended Detention Basin to ensure the infiltration area has not been compacted by construction activities.

4. During construction of the Dry Extended Detention Basin the licensed professional will observe that the BMP is constructed in accordance with the plans and specifications.

5. At completion of Collection Channel C1 to ensure it has been constructed to the proposed line and grade, the specified lining material has been installed in accordance with the requirements of the plans and specifications, and if applicable, vegetation has been established.

6. Following installation of the Valve Yard Pad subgrade to ensure stormwater flow is directed to Collection Channel C1.

7. For final inspection of constructed BMPs.

8. At the establishment of hard surface stabilization or 70% vegetation covers to allow removal of E&S controls.

NOTICE OF INTENT (NOI) FOR COVERAGE UNDER THE EROSION AND SEDIMENT CONTROL GENERAL PERMIT (ESCGP-3) FOR EARTH DISTURBANCE ASSOCIATED WITH OIL AND GAS EXPLORATION, PRODUCTION, PROCESSING, OR TREATMENT OPERATIONS OR TRANSMISSION FACILITIES

TABLES IN ADDENDUM OF NOI

SECTION H. POST CONSTRUCTION STORMWATER MANAGEMENT (PLAN) BMPs

Regional Energy Lateral Pipeline - MLV-515RA30 - Wyoming Valve Yard

b. Summary Table for Supporting Calculation and Measurement Data

(See NOI Instructions for additional guidance with this section)

The remainder of this section (Summary Table for Calculation and Measurement Data) does not need to be completed for areas of projects involving oil and gas activities authorized by Chapter 78 or Chapter 78a (well pads) or pipelines and other similar utility infrastructure which will be restored to meadow in good condition or better or existing conditions.

Watershed Name: Susquehanna-Solomon Creek

Volume Control design storm frequency 2-year Rainfall amount 2.57 inches	Pre-construction	Post Construction	Net Change
Impervious area (acres)	0.00	0.24	+0.24
Volume of stormwater runoff (acre-feet) without planned stormwater BMPs	0.03	0.06	+0.03
Volume of stormwater runoff (acre-feet) with planned stormwater BMPs	[redacted]	0.03	-0.00
Stormwater discharge rate for the design frequency storm	Pre-construction	Post Construction	Net Change
1) 2-Year/24-Hour	0.22	0.02	-0.20
2) 10-Year/24-Hour	0.68	0.03	-0.65
3) 50-year/24-Hour	1.52	0.06	-1.46
4) 100-year/24-Hour	2.06	0.07	-1.99

c. Summary Description of PCSM/SR BMPs

In the lists below, check the BMPs identified in the PCSM Plan. The primary function(s) of the BMP listed in the functions column (infiltration/recharge; detention/retention; water quality). Additional functions may be added if applicable to that BMP. List the stormwater volume and area of runoff to be treated by each BMP type when calculations are required. If any BMP in the PCSM/SR Plan is not listed below, describe it in the space provided after "Other". A summary table with infiltration testing information (Attachment E, included in the NOI Instructions) must be submitted for all Bio-infiltration BMPs included in PCSM/SR plan.

For Rate control provide the volume of stormwater treated and acres treated for the 100-year/24-hour storm event.

For volume control and water quality provide the volume of stormwater treated and acres treated for the 2-year/24-hour storm event.

Key for BMP purpose(s): VC = Volume Control; RC = Rate Control; and WQ = Water Quality

BMP	Function(s)	Purpose(s)	Volume of stormwater treated	Acres treated
Site Restoration ONLY				
☐ Restore Site to Meadow in Good Condition or Better, or Existing Conditions	Infiltration/Recharge Detention/WQ Treatment	☐ VC ☐ RC ☐ WQ	_____	_____
Bio-infiltration areas	Infiltration/Recharge			
☐ Infiltration Trench		☐ VC ☐ RC ☐ WQ	_____	_____
☒ Infiltration Bed		☒ VC ☒ RC ☒ WQ	451cf(2-yr); 2,511cf(100-yr)	0.21
☐ Infiltration Basin		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Rain Garden/ Bioretention		☐ VC ☐ RC ☐ WQ	_____	
☐ Infiltration Berm		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Soil Amendment		☐ VC ☐ RC ☐ WQ	_____	_____
Natural Area Conservation	Infiltration/Recharge			
☐ Streamside Buffer Zone		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Wetland Buffer Zone		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Sensitive Area Buffer Zone		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Pre-Construction Drainage Pattern Intact		☐ VC ☐ RC ☐ WQ	_____	_____
Stormwater Retention	Detention/Retention			
☐ Constructed Wetlands		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Wet Ponds		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Retention Basin		☐ VC ☐ RC ☐ WQ	_____	_____
Sediment and Pollutant Removal	Water Quality Treatment			
☐ Vegetated Filter Strips		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Compost Filter Sock		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Detention Basins		☐ VC ☐ RC ☐ WQ	_____	_____
Access Road Design	Infiltration/Recharge			
☐ Road Crowning		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Ditches		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Turnouts		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Culverts		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Roadside Vegetated Filter Strips		☐ VC ☐ RC ☐ WQ	_____	_____

Stormwater Energy Dissipaters ☐ Level Spreaders ☐ Riprap Aprons ☐ Upslope Diversions ☒ OtherVegetated Swale	Infiltration/Recharge	☐ VC ☐ RC ☐ WQ ☐ VC ☐ RC ☐ WQ ☐ VC ☐ RC ☐ WQ ☒ VC ☒ RC ☒ WQ	_____ _____ _____ 1,009cf(2-yr); 4,264cf(100-yr)	_____ _____ _____ 0.49

d. Critical PCSM Plan stages

Identify and list critical stages of implementation of the PCSM Plan for which a licensed professional or designee shall be present on site.

1. Upon commencement of construction activities to ascertain the Vegetated Swale area has been flagged and fence erected to prevent access to the area.
2. At the beginning of construction of the Vegetated Swale to ensure the infiltration area has not been compacted by construction activities.
3. During construction of the Vegetated Swale the licensed professional will observe that the BMP is constructed in accordance with the plans and specifications.
4. At completion of Collection Channel C1 to ensure it has been constructed to the proposed line and grade, the specified lining material has been installed in accordance with the requirements of the plans and specifications, and if applicable, vegetation has been established.
5. Following installation of the Valve Yard Pad subgrade to ensure stormwater flow is directed to the infiltration berm.
6. For final inspection of constructed BMPs.
7. At the establishment of hard surface stabilization or 70% vegetation covers to allow removal of E&S controls.

NOTICE OF INTENT (NOI) FOR COVERAGE UNDER THE EROSION AND SEDIMENT CONTROL GENERAL PERMIT (ESCGP-3) FOR EARTH DISTURBANCE ASSOCIATED WITH OIL AND GAS EXPLORATION, PRODUCTION, PROCESSING, OR TREATMENT OPERATIONS OR TRANSMISSION FACILITIES

TABLES IN ADDENDUM OF NOI

SECTION H. POST CONSTRUCTION STORMWATER MANAGEMENT (PLAN) BMPs

Regional Energy Lateral Pipeline - Carverton Tie-In

b. Summary Table for Supporting Calculation and Measurement Data

(See NOI Instructions for additional guidance with this section)

The remainder of this section (Summary Table for Calculation and Measurement Data) does not need to be completed for areas of projects involving oil and gas activities authorized by Chapter 78 or Chapter 78a (well pads) or pipelines and other similar utility infrastructure which will be restored to meadow in good condition or better or existing conditions.

Watershed Name: Abrahams Creek

Volume Control design storm frequency 2-year Rainfall amount 2.61 inches	Pre-construction	Post Construction	Net Change
Impervious area (acres)	0.03	0.11	+0.08
Volume of stormwater runoff (acre-feet) without planned stormwater BMPs	0.02	0.03	+0.01
Volume of stormwater runoff (acre-feet) with planned stormwater BMPs	[redacted]	0.00	-0.02
Stormwater discharge rate for the design frequency storm	Pre-construction	Post Construction	Net Change
1) 2-Year/24-Hour	0.46	0.00	-0.46
2) 10-Year/24-Hour	0.91	0.00	-0.91
3) 50-year/24-Hour	1.61	0.00	-1.61
4) 100-year/24-Hour	2.01	0.00	-2.01

c. Summary Description of PCSM/SR BMPs

In the lists below, check the BMPs identified in the PCSM Plan. The primary function(s) of the BMP listed in the functions column (infiltration/recharge; detention/retention; water quality). Additional functions may be added if applicable to that BMP. List the stormwater volume and area of runoff to be treated by each BMP type when calculations are required. If any BMP in the PCSM/SR Plan is not listed below, describe it in the space provided after "Other". A summary table with infiltration testing information (Attachment E, included in the NOI Instructions) must be submitted for all Bio-infiltration BMPs included in PCSM/SR plan.

For Rate control provide the volume of stormwater treated and acres treated for the 100-year/24-hour storm event.

For volume control and water quality provide the volume of stormwater treated and acres treated for the 2-year/24-hour storm event.

Key for BMP purpose(s): VC = Volume Control; RC = Rate Control; and WQ = Water Quality

BMP	Function(s)	Purpose(s)	Volume of stormwater treated	Acres treated
Site Restoration ONLY				
☐ Restore Site to Meadow in Good Condition or Better, or Existing Conditions	Infiltration/Recharge Detention/WQ Treatment	☐ VC ☐ RC ☐ WQ	_____	_____
Bio-infiltration areas	Infiltration/Recharge			
☐ Infiltration Trench		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Infiltration Bed		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Infiltration Basin		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Rain Garden/ Bioretention		☐ VC ☐ RC ☐ WQ	_____	
☒ Infiltration Berm		☒ VC ☒ RC ☒ WQ	1,280cf (2-yr); 4,445cf(100-yr)	0.26
Natural Area Conservation	Infiltration/Recharge			
☐ Streamside Buffer Zone		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Wetland Buffer Zone		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Sensitive Area Buffer Zone		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Pre-Construction Drainage Pattern Intact		☐ VC ☐ RC ☐ WQ	_____	_____
Stormwater Retention	Detention/Retention			
☐ Constructed Wetlands		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Wet Ponds		☒ VC ☒ RC ☒ WQ	_____	_____
☐ Retention Basin		☐ VC ☐ RC ☐ WQ	_____	_____
Sediment and Pollutant Removal	Water Quality Treatment			
☐ Vegetated Filter Strips		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Compost Filter Sock		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Detention Basins		☐ VC ☐ RC ☐ WQ	_____	_____
Access Road Design	Infiltration/Recharge			
☐ Road Crowning		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Ditches		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Turnouts		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Culverts		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Roadside Vegetated Filter Strips		☐ VC ☐ RC ☐ WQ	_____	_____

Stormwater Energy Dissipaters	Infiltration/Recharge			
☐ Level Spreaders		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Riprap Aprons		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Upslope Diversions		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Other_____		☐ VC ☐ RC ☐ WQ	_____	_____

d. Critical PCSM Plan stages

Identify and list critical stages of implementation of the PCSM Plan for which a licensed professional or designee shall be present on site.

1. At the beginning of construction to ascertain the Infiltration Berm area has been flagged and fence erected to prevent access to the area.
2. Following installation of the Valve Yard Pad subgrade to ensure stormwater flow is directed to the infiltration berm.
3. At the beginning of construction of the Infiltration Berm to ensure the infiltration area has not been compacted by construction activities.
4. During construction of the infiltration berm the licensed professional will observe that the berm is constructed in accordance with the plans and specifications.
5. For final inspection of constructed BMPs.
6. At the establishment of hard surface stabilization or 70% vegetation covers to allow removal of E&S controls.

NOTICE OF INTENT (NOI) FOR COVERAGE UNDER THE EROSION AND SEDIMENT CONTROL GENERAL PERMIT (ESCGP-3) FOR EARTH DISTURBANCE ASSOCIATED WITH OIL AND GAS EXPLORATION, PRODUCTION, PROCESSING, OR TREATMENT OPERATIONS OR TRANSMISSION FACILITIES

TABLES IN ADDENDUM OF NOI

SECTION H. POST CONSTRUCTION STORMWATER MANAGEMENT (PLAN) BMPs

Regional Energy Lateral Pipeline - Lower Demunds REL Tie-In

b. Summary Table for Supporting Calculation and Measurement Data

(See NOI Instructions for additional guidance with this section)

The remainder of this section (Summary Table for Calculation and Measurement Data) does not need to be completed for areas of projects involving oil and gas activities authorized by Chapter 78 or Chapter 78a (well pads) or pipelines and other similar utility infrastructure which will be restored to meadow in good condition or better or existing conditions.

Watershed Name: Toby Creek

Volume Control design storm frequency 2-year Rainfall amount 3.40 inches	Pre-construction	Post Construction	Net Change
Impervious area (acres)	0.00	0.12	+0.12
Volume of stormwater runoff (acre-feet) without planned stormwater BMPs	0.02	0.04	+0.02
Volume of stormwater runoff (acre-feet) with planned stormwater BMPs		0.01	-0.01
Stormwater discharge rate for the design frequency storm	Pre-construction	Post Construction	Net Change
1) 2-Year/24-Hour	0.20	0.00	-0.20
2) 10-Year/24-Hour	0.40	0.00	-0.40
3) 50-year/24-Hour	0.71	0.20	-0.51
4) 100-year/24-Hour	0.89	0.51	-0.38

c. Summary Description of PCSM/SR BMPs

In the lists below, check the BMPs identified in the PCSM Plan. The primary function(s) of the BMP listed in the functions column (infiltration/recharge; detention/retention; water quality). Additional functions may be added if applicable to that BMP. List the stormwater volume and area of runoff to be treated by each BMP type when calculations are required. If any BMP in the PCSM/SR Plan is not listed below, describe it in the space provided after "Other". A summary table with infiltration testing information (Attachment E, included in the NOI Instructions) must be submitted for all Bio-infiltration BMPs included in PCSM/SR plan.

For Rate control provide the volume of stormwater treated and acres treated for the 100-year/24-hour storm event.

For volume control and water quality provide the volume of stormwater treated and acres treated for the 2-year/24-hour storm event.

Key for BMP purpose(s): VC = Volume Control; RC = Rate Control; and WQ = Water Quality

BMP	Function(s)	Purpose(s)	Volume of stormwater treated	Acres treated
Site Restoration ONLY				
☐ Restore Site to Meadow in Good Condition or Better, or Existing Conditions	Infiltration/Recharge Detention/WQ Treatment	☐ VC ☐ RC ☐ WQ	_____	_____
Bio-infiltration areas	Infiltration/Recharge			
☐ Infiltration Trench		☐ VC ☐ RC ☐ WQ	_____	_____
☒ Infiltration Bed		☒ VC ☒ RC ☒ WQ	1,481cf(2-yr); 4,356cf(100-yr)	0.17
☐ Infiltration Basin		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Rain Garden/ Bioretention		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Infiltration Berm		☐ VC ☐ RC ☐ WQ	_____	_____
Natural Area Conservation	Infiltration/Recharge			
☐ Streamside Buffer Zone		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Wetland Buffer Zone		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Sensitive Area Buffer Zone		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Pre-Construction Drainage Pattern Intact		☐ VC ☐ RC ☐ WQ	_____	_____
Stormwater Retention	Detention/Retention			
☐ Constructed Wetlands		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Wet Ponds		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Retention Basin		☐ VC ☐ RC ☐ WQ	_____	_____
Sediment and Pollutant Removal	Water Quality Treatment			
☐ Vegetated Filter Strips		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Compost Filter Sock		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Detention Basins		☐ VC ☐ RC ☐ WQ	_____	_____
Access Road Design	Infiltration/Recharge			
☐ Road Crowning		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Ditches		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Turnouts		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Culverts		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Roadside Vegetated Filter Strips		☐ VC ☐ RC ☐ WQ	_____	_____

Stormwater Energy Dissipaters ☐ Level Spreaders ☐ Riprap Aprons ☐ Upslope Diversions ☐ Other_____	Infiltration/Recharge	 ☐ VC ☐ RC ☐ WQ ☐ VC ☐ RC ☐ WQ ☐ VC ☐ RC ☐ WQ ☐ VC ☐ RC ☐ WQ	 _____ _____ _____ _____	 _____ _____ _____ _____

d. Critical PCSM Plan stages

Identify and list critical stages of implementation of the PCSM Plan for which a licensed professional or designee shall be present on site.

1. Upon commencement of construction activities to ascertain the Valve Yard Pad area has been flagged and fence erected to prevent access to the area.
2. At completion of Diversion Berm/Channel to ensure it has been constructed to the proposed lines and grades, the specified lining materials have been installed in accordance with the requirements of the plans and specifications, and if applicable, vegetation has been established.
3. At the beginning of construction of the Valve Yard Pad to ensure the infiltration area has not been compacted by construction activities.
4. During construction of the Valve Yard Pad the licensed professional will observe that the BMP is constructed in accordance with the plans and specifications.
5. Following installation of the Valve Yard Pad subgrade to ensure stormwater flow is directed to the outlet structure.
6. For final inspection of constructed BMPs.
7. At the establishment of hard surface stabilization or 70% vegetation covers to allow removal of E&S controls.

NOTICE OF INTENT (NOI) FOR COVERAGE UNDER THE EROSION AND SEDIMENT CONTROL GENERAL PERMIT (ESCGP-3) FOR EARTH DISTURBANCE ASSOCIATED WITH OIL AND GAS EXPLORATION, PRODUCTION, PROCESSING, OR TREATMENT OPERATIONS OR TRANSMISSION FACILITIES

TABLES IN ADDENDUM OF NOI

SECTION H. POST CONSTRUCTION STORMWATER MANAGEMENT (PLAN) BMPs

Regional Energy Lateral Pipeline – MLV-515RA40-Hildebrandt Tie-In

b. Summary Table for Supporting Calculation and Measurement Data

(See NOI Instructions for additional guidance with this section)

The remainder of this section (Summary Table for Calculation and Measurement Data) does not need to be completed for areas of projects involving oil and gas activities authorized by Chapter 78 or Chapter 78a (well pads) or pipelines and other similar utility infrastructure which will be restored to meadow in good condition or better or existing conditions.

Watershed Name: Toby Creek

Volume Control design storm frequency 2-year Rainfall amount 3.40 inches	Pre-construction	Post Construction	Net Change
Impervious area (acres)	0.0	0.22	+0.22
Volume of stormwater runoff (acre-feet) without planned stormwater BMPs	0.03	0.07	+0.04
Volume of stormwater runoff (acre-feet) with planned stormwater BMPs	[redacted]	0.01	-0.02
Stormwater discharge rate for the design frequency storm	Pre-construction	Post Construction	Net Change
1) 2-Year/24-Hour	0.34	0.20	-0.14
2) 10-Year/24-Hour	0.67	0.38	-0.29
3) 50-year/24-Hour	1.20	0.65	-0.55
4) 100-year/24-Hour	1.52	0.80	-0.72

c. Summary Description of PCSM/SR BMPs

In the lists below, check the BMPs identified in the PCSM Plan. The primary function(s) of the BMP listed in the functions column (infiltration/recharge; detention/retention; water quality). Additional functions may be added if applicable to that BMP. List the stormwater volume and area of runoff to be treated by each BMP type when calculations are required. If any BMP in the PCSM/SR Plan is not listed below, describe it in the space provided after "Other". A summary table with infiltration testing information (Attachment E, included in the NOI Instructions) must be submitted for all Bio-infiltration BMPs included in PCSM/SR plan.

For Rate control provide the volume of stormwater treated and acres treated for the 100-year/24-hour storm event.

For volume control and water quality provide the volume of stormwater treated and acres treated for the 2-year/24-hour storm event.

Key for BMP purpose(s): VC = Volume Control; RC = Rate Control; and WQ = Water Quality

BMP	Function(s)	Purpose(s)	Volume of stormwater treated	Acres treated
Site Restoration ONLY				
☐ Restore Site to Meadow in Good Condition or Better, or Existing Conditions	Infiltration/Recharge Detention/WQ Treatment	☐ VC ☐ RC ☐ WQ	_____	_____
Bio-infiltration areas	Infiltration/Recharge			
☐ Infiltration Trench		☐ VC ☐ RC ☐ WQ	_____	_____
☒ Infiltration Bed		☒ VC ☒ RC ☒ WQ	2,265cf(2-yr); 5,881cf(100-yr)	0.21
☐ Infiltration Basin		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Rain Garden/ Bioretention		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Infiltration Berm				
☐ Vegetated Swale		☐ VC ☐ RC ☐ WQ	_____	_____
Natural Area Conservation	Infiltration/Recharge			
☐ Streamside Buffer Zone		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Wetland Buffer Zone		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Sensitive Area Buffer Zone		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Pre-Construction Drainage Pattern Intact		☐ VC ☐ RC ☐ WQ	_____	_____
Stormwater Retention	Detention/Retention			
☐ Constructed Wetlands		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Wet Ponds		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Retention Basin		☐ VC ☐ RC ☐ WQ	_____	_____
Sediment and Pollutant Removal	Water Quality Treatment			
☐ Vegetated Filter Strips		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Compost Filter Sock		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Detention Basins		☐ VC ☐ RC ☐ WQ	_____	_____
Access Road Design	Infiltration/Recharge			
☐ Road Crowning		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Ditches		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Turnouts		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Culverts		☐ VC ☐ RC ☐ WQ	_____	_____

☐ Roadside Vegetated Filter Strips		☐ VC ☐ RC ☐ WQ	_____	_____
Stormwater Energy Dissipaters	Infiltration/Recharge			
☐ Level Spreaders		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Riprap Aprons		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Upslope Diversions		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Other_____		☐ VC ☐ RC ☐ WQ	_____	_____

d. Critical PCSM Plan stages

Identify and list critical stages of implementation of the PCSM Plan for which a licensed professional or designee shall be present on site.

1. Upon commencement of construction activities to ascertain the Valve Yard Pad area has been flagged and fence erected to prevent access to the area.
2. At completion of Diversion Channel to ensure it has been constructed to the proposed lines and grades, the specified lining materials have been installed in accordance with the requirements of the plans and specifications, and if applicable, vegetation has been established.
3. At the beginning of construction of the Valve Yard Pad to ensure the infiltration area has not been compacted by construction activities.
4. During construction of the Valve Yard Pad the licensed professional will observe that the BMP is constructed in accordance with the plans and specifications.
5. Following installation of the Valve Yard Pad subgrade to ensure stormwater flow is directed to the outlet structure.
6. For final inspection of constructed BMPs.
7. At the establishment of hard surface stabilization or 70% vegetation covers to allow removal of E&S controls.

NOTICE OF INTENT (NOI) FOR COVERAGE UNDER THE EROSION AND SEDIMENT CONTROL GENERAL PERMIT (ESCGP-3) FOR EARTH DISTURBANCE ASSOCIATED WITH OIL AND GAS EXPLORATION, PRODUCTION, PROCESSING, OR TREATMENT OPERATIONS OR TRANSMISSION FACILITIES

TABLES IN ADDENDUM OF NOI

SECTION H. POST CONSTRUCTION STORMWATER MANAGEMENT (PLAN) BMPs

Effort Loop Pipeline-MLV-505LD86 Sugar Hollow Valve Yard

b. Summary Table for Supporting Calculation and Measurement Data

(See NOI Instructions for additional guidance with this section)

The remainder of this section (Summary Table for Calculation and Measurement Data) does not need to be completed for areas of projects involving oil and gas activities authorized by Chapter 78 or Chapter 78a (well pads) or pipelines and other similar utility infrastructure which will be restored to meadow in good condition or better or existing conditions.

Watershed Name: Pohopoco Creek

Volume Control design storm frequency 2-year Rainfall amount 3.26 inches	Pre-construction	Post Construction	Net Change
Impervious area (acres)	0.09	0.62	+0.53
Volume of stormwater runoff (acre-feet) without planned stormwater BMPs	0.35	0.44	+0.09
Volume of stormwater runoff (acre-feet) with planned stormwater BMPs	[redacted]	0.28	-0.07
Stormwater discharge rate for the design frequency storm DA-1	Pre-construction	Post Construction	Net Change
1) 2-Year/24-Hour	0.01	0.01	-0.00
2) 10-Year/24-Hour	0.37	0.31	-0.06
3) 50-year/24-Hour	5.89	4.21	-1.68
4) 100-year/24-Hour	11.47	8.28	-3.19
Stormwater discharge rate for the design frequency storm DA-2	Pre-construction	Post Construction	Net Change
1) 2-Year/24-Hour	4.51	3.97	-0.54
2) 10-Year/24-Hour	12.49	12.28	-0.21
3) 50-year/24-Hour	26.58	24.35	-2.23
4) 100-year/24-Hour	35.41	31.74	-3.67

c. Summary Description of PCSM/SR BMPs

In the lists below, check the BMPs identified in the PCSM Plan. The primary function(s) of the BMP listed in the functions column (infiltration/recharge; detention/retention; water quality). Additional functions may be added if applicable to that BMP. List the stormwater volume and area of runoff to be treated by each BMP type when calculations are required. If any BMP in the PCSM/SR Plan is not listed below, describe it in the space provided after "Other". A summary table with infiltration testing information (Attachment E, included in the NOI Instructions) must be submitted for all Bio-infiltration BMPs included in PCSM/SR plan.

For Rate control provide the volume of stormwater treated and acres treated for the 100-year/24-hour storm event.

For volume control and water quality provide the volume of stormwater treated and acres treated for the 2-year/24-hour storm event.

Key for BMP purpose(s): VC = Volume Control; RC = Rate Control; and WQ = Water Quality

BMP	Function(s)	Purpose(s)	Volume of stormwater treated	Acres treated
Site Restoration ONLY				
☐ Restore Site to Meadow in Good Condition or Better, or Existing Conditions	Infiltration/Recharge Detention/WQ Treatment	☐ VC ☐ RC ☐ WQ	_____	_____
Bio-infiltration areas	Infiltration/Recharge			
☐ Infiltration Trench		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Infiltration Bed		☐ VC ☐ RC ☐ WQ	_____	_____
☒ Infiltration Basin		☒ VC ☒ RC ☒ WQ	1,123cf(2-yr); 21,318cf(100-yr)	2.85
☐ Rain Garden/ Bioretention		☐ VC ☐ RC ☐ WQ	_____	_____
☒ Infiltration Berm		☒ VC ☒ RC ☒ WQ	5,915cf(2-yr); 26,924cf(100-yr)	1.54
Natural Area Conservation	Infiltration/Recharge			
☐ Streamside Buffer Zone		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Wetland Buffer Zone		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Sensitive Area Buffer Zone		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Pre-Construction Drainage Pattern Intact		☐ VC ☐ RC ☐ WQ	_____	_____
Stormwater Retention	Detention/Retention			
☐ Constructed Wetlands		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Wet Ponds		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Retention Basin		☐ VC ☐ RC ☐ WQ	_____	_____
Sediment and Pollutant Removal	Water Quality Treatment			
☐ Vegetated Filter Strips		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Compost Filter Sock		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Detention Basins		☐ VC ☐ RC ☐ WQ	_____	_____
Access Road Design	Infiltration/Recharge			
☐ Road Crowning		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Ditches		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Turnouts		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Culverts		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Roadside Vegetated Filter Strips		☐ VC ☐ RC ☐ WQ	_____	_____

Stormwater Energy Dissipaters	Infiltration/Recharge			
☐ Level Spreaders		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Riprap Aprons		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Upslope Diversions		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Other_____		☐ VC ☐ RC ☐ WQ	_____	_____

d. Critical PCSM Plan stages

Identify and list critical stages of implementation of the PCSM Plan for which a licensed professional or designee shall be present on site.

1. For the final grading of the access road, ensuring it is constructed according to the plan details for proper conveyance of runoff.
2. Following final grading and seeding of the diversion channels and basin, in order to confirm they have been constructed according to the plan details for proper collection and conveyance of runoff. Periodic assessments will need to be made to ensure accumulated sediment have been cleaned out so the channels and basin maintain the necessary design volumes.
3. During the layout and excavation of the outlet control structure, the professional or delegate will ensure sizing, materials specifications, and construction procedures are followed to enable proper storage in the basin.
4. Following final grading and seeding of the infiltration berm in order to confirm they have been constructed according to the plan details for proper collection, infiltration, and conveyance of runoff. Periodic assessment will need to be made to ensure that accumulated sediment have been cleaned out so the area behind the berm maintains the necessary design volume.
5. For final inspection of constructed channels, basin and berms.
6. At the establishment of hard surface stabilization or 70% vegetation covers to allow removal of E&S controls.

NOTICE OF INTENT (NOI) FOR COVERAGE UNDER THE EROSION AND SEDIMENT CONTROL GENERAL PERMIT (ESCGP-3) FOR EARTH DISTURBANCE ASSOCIATED WITH OIL AND GAS EXPLORATION, PRODUCTION, PROCESSING, OR TREATMENT OPERATIONS OR TRANSMISSION FACILITIES

TABLES IN ADDENDUM OF NOI

SECTION H. POST CONSTRUCTION STORMWATER MANAGEMENT (PLAN) BMPs

Compressor Station 200

b. Summary Table for Supporting Calculation and Measurement Data

(See NOI Instructions for additional guidance with this section)

The remainder of this section (Summary Table for Calculation and Measurement Data) does not need to be completed for areas of projects involving oil and gas activities authorized by Chapter 78 or Chapter 78a (well pads) or pipelines and other similar utility infrastructure which will be restored to meadow in good condition or better or existing conditions.

Watershed Name: Valley Creek

Volume Control design storm frequency 2-year Rainfall amount 3.30 inches	Pre-construction	Post Construction	Net Change
Impervious area (acres)	0.25	0.40	+0.15
Volume of stormwater runoff (acre-feet) without planned stormwater BMPs	0.07	0.11	+0.04
Volume of stormwater runoff (acre-feet) with planned stormwater BMPs	[redacted]	0.07	-0.00
Stormwater discharge rate for the design frequency storm	Pre-construction	Post Construction	Net Change
1) 2-Year/24-Hour	1.03	0.15	-0.88
2) 10-Year/24-Hour	2.06	1.39	-0.67
3) 50-year/24-Hour	3.19	2.79	-0.40
4) 100-year/24-Hour	3.97	3.50	-0.47

c. Summary Description of PCSM/SR BMPs

In the lists below, check the BMPs identified in the PCSM Plan. The primary function(s) of the BMP listed in the functions column (infiltration/recharge; detention/retention; water quality). Additional functions may be added if applicable to that BMP. List the stormwater volume and area of runoff to be treated by each BMP type when calculations are required. If any BMP in the PCSM/SR Plan is not listed below, describe it in the space provided after "Other". A summary table with infiltration testing information (Attachment E, included in the NOI Instructions) must be submitted for all Bio-infiltration BMPs included in PCSM/SR plan.

For Rate control provide the volume of stormwater treated and acres treated for the 100-year/24-hour storm event.

For volume control and water quality provide the volume of stormwater treated and acres treated for the 2-year/24-hour storm event.

Key for BMP purpose(s): VC = Volume Control; RC = Rate Control; and WQ = Water Quality

BMP	Function(s)	Purpose(s)	Volume of stormwater treated	Acres treated
Site Restoration ONLY				
☐ Restore Site to Meadow in Good Condition or Better, or Existing Conditions	Infiltration/Recharge Detention/WQ Treatment	☐ VC ☐ RC ☐ WQ	_____	_____
Bio-infiltration areas	Infiltration/Recharge			
☐ Infiltration Trench		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Infiltration Bed		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Infiltration Basin		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Rain Garden/ Bioretention		☐ VC ☐ RC ☐ WQ	_____	_____
☒ Infiltration Berm		☒ VC ☒ RC ☒ WQ	3,790cf(2-yr); 11,631cf(100-yr)	0.56
Natural Area Conservation	Infiltration/Recharge			
☐ Streamside Buffer Zone		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Wetland Buffer Zone		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Sensitive Area Buffer Zone		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Pre-Construction Drainage Pattern Intact		☐ VC ☐ RC ☐ WQ	_____	_____
Stormwater Retention	Detention/Retention			
☐ Constructed Wetlands		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Wet Ponds		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Retention Basin		☐ VC ☐ RC ☐ WQ	_____	_____
Sediment and Pollutant Removal	Water Quality Treatment			
☐ Vegetated Filter Strips		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Compost Filter Sock		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Detention Basins		☐ VC ☐ RC ☐ WQ	_____	_____
Access Road Design	Infiltration/Recharge			
☐ Road Crowning		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Ditches		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Turnouts		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Culverts		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Roadside Vegetated Filter Strips		☐ VC ☐ RC ☐ WQ	_____	_____

Stormwater Energy Dissipaters ☐ Level Spreaders ☐ Riprap Aprons ☐ Upslope Diversions ☐ Other_____	Infiltration/Recharge	 ☐ VC ☐ RC ☐ WQ ☐ VC ☐ RC ☐ WQ ☐ VC ☐ RC ☐ WQ ☐ VC ☐ RC ☐ WQ	 _____ _____ _____ _____	 _____ _____ _____ _____

d. Critical PCSM Plan stages

Identify and list critical stages of implementation of the PCSM Plan for which a licensed professional or designee shall be present on site.

1. Following final grading and seeding of the infiltration berm in order to confirm it has been constructed according to the plan details for proper collection, infiltration, and conveyance of runoff. Periodic assessments will need to be made to ensure that accumulated sediment should be cleaned out so the channels and berm maintain necessary design volume.
2. For final inspection of constructed BMPs.
3. At the establishment of hard surface stabilization or 70% vegetation covers to allow removal of E & S controls.

NOTICE OF INTENT (NOI) FOR COVERAGE UNDER THE EROSION AND SEDIMENT CONTROL GENERAL PERMIT (ESCGP-3) FOR EARTH DISTURBANCE ASSOCIATED WITH OIL AND GAS EXPLORATION, PRODUCTION, PROCESSING, OR TREATMENT OPERATIONS OR TRANSMISSION FACILITIES

TABLES IN ADDENDUM OF NOI

SECTION H. POST CONSTRUCTION STORMWATER MANAGEMENT (PLAN) BMPs

Compressor Station 515

b. Summary Table for Supporting Calculation and Measurement Data

(See NOI Instructions for additional guidance with this section)

The remainder of this section (Summary Table for Calculation and Measurement Data) does not need to be completed for areas of projects involving oil and gas activities authorized by Chapter 78 or Chapter 78a (well pads) or pipelines and other similar utility infrastructure which will be restored to meadow in good condition or better or existing conditions.

Watershed Name: Bear Creek

Volume Control design storm frequency 2-year Rainfall amount 3.40 inches	Pre-construction	Post Construction	Net Change
Impervious area (acres)	0.34	2.44	+2.10
Volume of stormwater runoff (acre-feet) without planned stormwater BMPs	0.50	0.81	+0.31
Volume of stormwater runoff (acre-feet) with planned stormwater BMPs	[redacted]	0.18	-0.32
Stormwater discharge rate for the design frequency storm	Pre-construction	Post Construction	Net Change
1) 2-Year/24-Hour	5.46	1.76	-3.70
2) 10-Year/24-Hour	10.19	8.30	-1.89
3) 50-year/24-Hour	16.85	9.55	-7.30
4) 100-year/24-Hour	20.81	9.58	-11.23

c. Summary Description of PCSM/SR BMPs

In the lists below, check the BMPs identified in the PCSM Plan. The primary function(s) of the BMP listed in the functions column (infiltration/recharge; detention/retention; water quality). Additional functions may be added if applicable to that BMP. List the stormwater volume and area of runoff to be treated by each BMP type when calculations are required. If any BMP in the PCSM/SR Plan is not listed below, describe it in the space provided after "Other". A summary table with infiltration testing information (Attachment E, included in the NOI Instructions) must be submitted for all Bio-infiltration BMPs included in PCSM/SR plan.

For Rate control provide the volume of stormwater treated and acres treated for the 100-year/24-hour storm event.

For volume control and water quality provide the volume of stormwater treated and acres treated for the 2-year/24-hour storm event.

Key for BMP purpose(s): VC = Volume Control; RC = Rate Control; and WQ = Water Quality

BMP	Function(s)	Purpose(s)	Volume of stormwater treated	Acres treated
Site Restoration ONLY				
☐ Restore Site to Meadow in Good Condition or Better, or Existing Conditions	Infiltration/Recharge Detention/WQ Treatment	☐ VC ☐ RC ☐ WQ	_____	_____
Bio-infiltration areas	Infiltration/Recharge			
☐ Infiltration Trench		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Infiltration Bed		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Infiltration Basin		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Rain Garden/ Bioretention		☐ VC ☐ RC ☐ WQ	_____	_____
☒ Infiltration Berm		☒ VC ☒ RC ☒ WQ	31,799cf(2-yr); 96,268cf(100-yr)	3.83
Natural Area Conservation	Infiltration/Recharge			
☐ Streamside Buffer Zone		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Wetland Buffer Zone		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Sensitive Area Buffer Zone		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Pre-Construction Drainage Pattern Intact		☐ VC ☐ RC ☐ WQ	_____	_____
Stormwater Retention	Detention/Retention			
☐ Constructed Wetlands		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Wet Ponds		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Retention Basin		☐ VC ☐ RC ☐ WQ	_____	_____
Sediment and Pollutant Removal	Water Quality Treatment			
☐ Vegetated Filter Strips		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Compost Filter Sock		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Detention Basins		☐ VC ☐ RC ☐ WQ	_____	_____
Access Road Design	Infiltration/Recharge			
☐ Road Crowning		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Ditches		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Turnouts		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Culverts		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Roadside Vegetated Filter Strips		☐ VC ☐ RC ☐ WQ	_____	_____

Stormwater Energy Dissipaters	Infiltration/Recharge			
☐ Level Spreaders		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Riprap Aprons		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Upslope Diversions		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Other_____		☐ VC ☐ RC ☐ WQ	_____	_____

d. Critical PCSM Plan stages

Identify and list critical stages of implementation of the PCSM Plan for which a licensed professional or designee shall be present on site.

1. Following final grading and seeding of the collection channels and infiltration berm in order to confirm they have been constructed according to the plan details for proper collection, infiltration, and conveyance of runoff. Periodic assessments will need to be made to ensure that accumulated sediment should be cleaned out so the channels and berm maintain necessary design volume.
2. For final inspection of constructed BMPs.
3. At the establishment of hard surface stabilization or 70% vegetation covers to allow removal of E & S controls.

SECTION I. ANTIDEGRADATION ANALYSIS

This section must be completed where earth disturbance activities will be conducted in the watershed of a surface water with an existing or designated use of exceptional value or high quality pursuant to Chapter 93 (relating to water quality standards), projects where any part is located in an exceptional value wetland in accordance with 25 Pa. Code § 105.17, and projects where any part is located in the watershed of an impaired surface water where the cause of impairment is identified as siltation.

Part 1 - NONDISCHARGE ALTERNATIVES EVALUATION

The applicant must consider and describe any and all non-discharge alternatives for the entire project area which are environmentally sound and will**:**

- Minimize accelerated erosion and sedimentation during the earth disturbance activity
- Achieve no net change from pre-development to post-development volume, rate and concentration of pollutants in water quality

E & S Plan	PCSM/SR Plan
Check off the environmentally sound nondischarge Best Management Practices (BMPs) listed below to be used prior to, during, and after earth disturbance activities that have been incorporated into your E & S Plan based on the site analysis. For non-discharge BMPs not checked, provide an explanation of why they were not utilized. Also for BMPs checked, provide an explanation of why they were utilized. (Provide the analysis and attach additional sheets if necessary) See Section 2 of this ESCGP-3 Application	Check off the environmentally sound nondischarge Best Management Practices (BMPs) listed below to be used after construction that have been incorporated into the PCSM/SR Plan based on your site analysis. For non-discharge BMPs not checked, provide an explanation of why they were not utilized. Also for BMPs checked, provide an explanation of why they were utilized. (Provide the analysis and attach additional sheets if necessary) See Section 3 of this ESCGP-3 Application
Nondischarge BMPs ☐ Alternative Siting ☐ Alternative location ☐ Alternative configuration ☐ Alternative location of discharge ☒ Limited Disturbed Area ☐ Limiting Extent & Duration of Disturbance (Phasing, Sequencing) ☐ Riparian Buffers (150 ft. min.) ☐ Riparian Forest Buffer (150 ft. min.) ☐ Other _____	**Nondischarge BMPs** ☐ Alternative Siting ☐ Alternative location ☐ Alternative configuration ☐ Alternative location of discharge ☐ Low Impact Development (LID / BSD) ☐ Riparian Buffers (150 ft. min.) ☐ Riparian Forest Buffer (150 ft. min.) ☒ Infiltration ☐ Water Reuse ☐ Other _____
Will the non-discharge alternative BMPs eliminate the net change in rate, volume and quality during construction? ☐ Yes ☒ No If yes, antidegradation analysis is complete. If no, proceed to Part 2.	Will the non-discharge alternative BMPs eliminate the net change in rate, volume and quality after construction? ☐ Yes ☒ No If yes, antidegradation analysis is complete. If no, proceed to Part 2.

PART 2 - ANTIDEGRADATION BEST AVAILABLE COMBINATION OF TECHNOLOGIES (ABACT)

If the net change in stormwater discharge from or after construction is not fully managed by nondischarge BMPs, the applicant must utilize ABACT BMPs to manage the difference. The Applicant must specify whether the discharge will occur during construction, post-construction or both, and identify the technologies that will be used to ensure that the discharge will be a non-degrading discharge. ABACT BMPs include but are not limited to:

E & S Plan	PCSM/SR Plan
☒ **Treatment BMPs:** ☐ Sediment basin with skimmer ☐ Sediment basin ratio of 4:1 or greater (flow length to basin width) ☐ Sediment basin with 4-7 day detention ☐ Flocculants ☒ Compost Filter Socks ☒ Compost Filter Sock Sediment Basin ☒ RCE w/ Wash Rack ☒ **Land disposal:** ☐ Vegetated filters ☐ Riparian buffers <150ft. ☐ Riparian Forest Buffer <150ft. ☒ Immediate stabilization ☒ **Pollution prevention:** ☒ PPC Plans ☒ Street sweeping ☒ Channels, collectors and diversions lined with permanent vegetation, rock, geotextile or other non-erosive materials ☐ **Stormwater reuse technologies:** ☐ Sediment basin water for dust control ☐ Sediment basin water for irrigation ☐ **Other** _____	☒ **Treatment BMPs:** ☒ Infiltration Practices ☐ Wet ponds ☐ Created wetland treatment systems ☒ Vegetated swales ☐ Manufactured devices ☒ Bio-retention/infiltration ☐ Green Roofs ☐ **Land disposal:** ☐ Vegetated filters ☐ Riparian Buffers <150ft. ☐ Riparian Forest Buffer <150ft. ☐ Disconnection of roof drainage ☐ Bio-retention/bio-infiltration ☒ **Pollution prevention:** ☐ Street sweeping ☐ Nutrient, pesticide, herbicide or other chemical application plan alternatives ☒ PPC Plans ☒ Non-structural Practices ☒ Restoration BMPs ☐ **Stormwater reuse technologies:** ☐ Divert rainwater into impoundment ☐ Underground storage ☐ Spray/Drip Irrigation ☐ **Other** _____
Are the ABACT BMPs selected sufficient to minimize E&S discharges to the extent that existing or designated surface water uses are protected? ☒ Yes ☐ No If yes, Antidegradation analysis is complete. If no, NOI Application will be returned to the Applicant.	Are the ABACT BMPs selected sufficient to achieve no net change and assure that existing or designated surface water uses are protected? ☒ Yes ☐ No If yes, Antidegradation analysis is complete. If no, NOI Application will be returned to the Applicant.

SECTION J. COMPLIANCE HISTORY REVIEW

Is/was the applicant(s) in violation of any Department regulation, order, schedule of compliance or permit or in violation of any department regulated activities within the past five years?

☒ Yes ☐ No

If yes, provide the permit number or facility name, a brief description of the violation, the compliance schedule (including dates and steps to achieve compliance) and the current compliance status. (Attach additional information on a separate sheet, when necessary)

Permit Program or Activity: Chapter 102, Chapter 105, PAG-10
Permit Number (if applicable):

1. **ESG03000150001, ESG00350150001, ESG00081150001**
2. **E41-649**
3. **E-19-311, E36-947, E-38-195, E40-769,E49-336, E54-360, E58-315, E66-160, E41-667, E18-495,**
4. **PAG109632**

Brief Description of non-compliance:

Consent Assessment of Civil Penalty, Reports past due.

Steps taken to achieve compliance	Date(s) compliance achieved
1. Consent Assessment of Civil Penalty 2. Consent Assessment of Civil Penalty. Permits being obtained to complete channel restoration 3. Consent Assessment of Civil Penalty 4. All past due reports were provided to PADEP	1. 9/20/2020 2. 8/9/2020 3. 9/20/2020 4. 12/14/2017

Current Compliance Status: ☒ In-Compliance ☐ In Non-Compliance

If in non-compliance, attach schedule for achieving compliance.

SECTION K. CERTIFICATION BY PERSON PREPARING E&S AND PCSM/SR PLANS

I do hereby certify to the best of my knowledge, information, and belief, that the Erosion and Sediment Control and PCSM/Site Restoration Plans are true and correct, represent actual field conditions, and are in accordance with the 25 Pa. Code Chapters 78/78a and 102 of the Department's rules and regulations. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment.

Print Name Kevin C. Clark	Signature	Professional Seal
Company BAI Group, LLC		
Address 2525 Green Tech Drive, Suite D, State College, PA-16803		
Phone (814) 238-2060		
Most Recent DEP Training Attended _____	Location _____ Date _____	
e-Mail Address kclark@baigroupllc.com		

EXPEDITED REVIEW PROCESS

In addition to the certification required above, applicants using the expedited permit review process must attach an E&S and PCSM/Site Restoration Plans developed and sealed by a licensed professional engineer, surveyor or professional geologist. The plans shall contain the following certification:

*I do hereby certify to the best of my knowledge, information, and belief, that the E & S Control and PCSM/SR BMPs are true and correct, represent actual field conditions and are in accordance with the 25 Pa. Code Chapters 78 / 78a and 102 of the Department's rules and regulations. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment***.**

SECTION L. APPLICANT CERTIFICATION

Applicant Certification

I certify under penalty of law, as provided by 18 Pa. C.S.A. § 4904, that this application and all related attachments were prepared by me or under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my own knowledge and on inquiry of the person or persons who manage the system or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate and complete. The responsible official's signature also verifies that the activity is eligible to participate in the ESCGP, and that the applicant agrees to abide by the terms and conditions of the permit. BMP's, E&S Plan, PPC Plan, PCSM Plan, and other controls are being or will be, implemented to ensure that water quality standards and effluent limits are attained.

I grant permission to the agencies responsible for the permitting of this work, or their duly authorized representative to enter the project site for inspection purposes. I will abide by the conditions of the permit if issued and will not begin work prior to permit issuance.

(For individuals no indication of title is necessary, choose the box below. All others proceed to the next paragraph)

☐ **Individual; proceed to signature portion.**

I hereby certify under penalty of law, as provided by 18 Pa. C.S.A. § 4904, that I am the person who is responsible for decision-making regarding environmental compliance functions for Transcontinental Gas Pipeline Company, LLC, the manager of one or more manufacturing, production, or operating facilities of the applicant and am authorized to make management decisions which govern the operation of regulated facility including having explicit or implicit duty of making major capital investment recommendations, and initiating and directing other comprehensive measures to assure the applicant's long term environmental compliance with environmental laws and regulations; and I am responsible for ensuring that the necessary systems are established or actions taken to gather complete and accurate information for permit application requirements.

(choose one of the following; not applicable for individuals):

☐ The responsible corporate officer ☐ president ☐ vice president ☐ secretary
☐ treasure of _____ Corporation/Company
Entity name

☒ The ☐ member or ☒ manager of Transcontinental Gas Pipe Line Company, LLC
Entity name

☐ The general partner of _____ partnership/LP/LLP
Entity name

☐ The principal executive officer or ranking elected official of _____ Municipality/State/Federal/other public agency
Entity name

☐ Power of Attorney/delegation of contractual authority (documentation supporting delegation of contracting authority must be provided) for _____
Entity name

_____	_____
Print Name and Title of Applicant	Print Name and Title of Co-Applicant (if applicable)
_____	_____
Signature of Applicant	Signature of Co-Applicant
_____	_____
Date Application Signed	Date Application Signed

Notarization

Sworn to and subscribed to before me this

_____ day of _____, 20_____

_____
Notary Public

AFFIX SEAL

Commonwealth of Pennsylvania

County of _____

My Commission expires _____

SECTION M. ADDITIONAL CONTACT INFORMATION				
Contact's Last Name	First Name	MI	Phone (814) 689-1650	
Nelson	Ryan	J	FAX	
Mailing Address	City		State	ZIP + 4
2525 Green Tech Drive, Suite B	State College		PA	16803
e-Mail Address ryann@whmgroup.com				

Section 1-1.1 NOI Supporting Information

Project Component	Site	Site Location City	ZIP Code	County	Municipality	Total Project Area/Project Site (Acre)	Total Disturbed Area (Acre)	Latitude / Longitude	U.S.G.S. 7.5 min. Topographic Quadrangle	Receiving Waters	Chapter 93, Designated Use Stream Classification	Chapter 93, Existing Use Stream Classification	Siltation Impaired
Regional Energy Lateral	Pipeline			Luzerne	Buck, Bear Creek, Plains, Jenkins, Kingston, Dallas, Wyoming, West Wyoming, Laflin	952.63	420.67 (includes CS 515 and sites below)	41.173337, -75.671706 (eastern terminus) 41.346917, -75.946263 (western terminus)	Kingston, Pittston, Avoca, Wilkes-Barre East, Pleasant View Summit	Stony Run, Shades Creek, Little Shades Creek, Snider Run, Meadow Run, Bear Creek, Little Bear Creek, Mill Creek, Gardner Creek, Susquehanna River, Abrahams Creek, Toby Creek, Trout Brook	MF, HQ-CWF, WWF, CWF	-	No
	CY-LU-001	Wyoming	18644	Luzerne	Wyoming		16.3 (Included within above total)	41.31016, -75.84636		Abrahams Creek	CWF, MF	-	No
	CY-LU-002	Wilkes-Barre	18702	Luzerne	Laflin		11.4 (Included within above total)	41.28491, -75.79026		Gardner Creek	CWF, MF	-	No
	MLV-515RA20	Wilkes-Barre	18702	Luzerne	Bear Creek Township		0.46 (Included within above total)	41.25279, -75.75856		Mill Creek	CWF, MF	-	No
	MLV-515RA30	Wyoming	18644	Luzerne	Wyoming Borough		0.44 (Included within above total)	41.30411, -75.84662		Susquehanna River	WWF		No
	Carverton Tie-in	Wyoming	18644	Luzerne	West Wyoming Borough		3.9 (Included within above total)	41.32053, -75.87270		Abrahams Creek	CWF, MF		No
	Lower Demunds REL Tie-in	Dallas	18612	Luzerne	Dallas Township		1.7 (Included within above total)	41.34652, -75.94551		Trout Brook	CWF, MF		No
	Hildebrandt Tie-in/MLV-515RA40	Dallas	18612	Luzerne	Dallas Township		3.1 (Included within above total)	41.34692, -75.94629		Toby Creek, Trout Brook	CWF, MF		No
	Laflin Borough Stream Stabilization	Wilkes-Barre	18702	Luzerne	Laflin Borough		0.94 (Included within above total)	41.28925, -75.80209		Gardner Creek	CWF, MF	-	No
Effort Loop	Pipeline			Monroe	Ross, Chestnuthill, Tunkhannock	360.63	262.18	40.896796, -75.370606 (Southeast Terminus) 41.053413, -75.526178 (Northwest Terminus)	Blakeslee, Pocono Pines, Brodheadsville, Saylorsburg	Lake Creek, Princess Run, Weir Creek, McMichael Creek, Pohopoco Creek, Sugar Hollow Creek, Poplar Creek, Mud Run, Mud Pond Run, Tunkhannock Creek	EV, MF, HQ-CWF, CWF	EV, MF	No

Project Component	Site	Site Location City	ZIP Code	County	Municipality	Total Project Area/Project Site (Acre)	Total Disturbed Area (Acre)	Latitude / Longitude	U.S.G.S. 7.5 min. Topographic Quadrangle	Receiving Waters	Chapter 93, Designated Use Stream Classification	Chapter 93, Existing Use Stream Classification	Siltation Impaired
	MLV-505LD86 Sugar Hollow Valve Yard	Effort	18330	Monroe	Chestnut Hill Township		8.8 (Included within above total)	40.96775, -75.42980		Sugar Hollow Creek	CWF, MF	-	No
	CY-MO-001	Saylorsburg	18353	Monroe	Ross Township		50.1 (Included within above total)	40.89803, -75.36784		Lake Creek, Princess Run	HQ-CWF, MF, CWF	-	No
Delaware River Regulator		Easton	18040	Northampton	Lower Mt. Bethel	11.28	3.25	40.76220 -75.19653	Bangor, PA	Mud Run	CWF, MF	-	No
Mainline "A" Regulator		Washington Crossing	18977	Bucks	Lower Makefield	0.94	0.530	40.26807, -74.85712	Pennington, NJ-PA	Dyers Creek, Delaware River	MF, WWF	-	No
Compressor Station 200		Frazer	19335	Chester	East Whiteland	20.28	3.16	40.04998, -75.58589	Malvern, PA	Valley Creek	EV, MF, CWF	-	Yes
Compressor Station 515		White Haven	18661	Luzerne	Buck	952.63 (Included with Regional Energy Lateral)	24.83 (included with Regional Energy Lateral)	41.17380, -75.67118	Pleasant View Summit, PA	Shades Creek, Stony Run	HQ-CWF, MF	-	No

COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
BUREAU OF CLEAN WATER

MUNICIPAL NOTIFICATION OF PLANNED LAND DEVELOPMENT FOR CHAPTER 102 PERMITS

PROJECT INFORMATION (COMPLETED BY APPLICANT)

Applicant Name:	**Transcontinental Gas Pipe Line Company, a subsidiary of Williams Partners, L.P.**	Contact Name:	**Joseph Dean** **Manager-Permitting**
Applicant Address:	**2800 Post Oak Blvd, Level 11**	Contact Phone:	**(713) 215-3427**
Applicant City, State, ZIP:	**Houston, TX 77056**	County:	**Luzerne**
		Municipality:	**Jenkins**
		Project Area:	**90.71** acres ☐ Phased
		Disturbance:	**41.33** acres

Description of Proposed Land Development and Stormwater Controls:

The Regional Energy Lateral component of the Regional Energy Access Expansion Project will consist of approximately 22.3 miles of 30-inch diameter pipeline, partially co-located with existing Transco Leidy Line-A, in Buck, Bear Creek, Plains, Jenkins, Kingston and Dallas Townships, and Laflin, Wyoming, and West Wyoming Boroughs, Luzerne County, Pennsylvania. The Regional Energy Lateral begins at existing Compressor Station 515 in Buck Township and continues westward to its terminus at Transco's existing Hildebrandt Tie-in in Dallas Township. Transco will be installing four mainline valves with appurtenant equipment, as a means to isolate gas flows along the Regional Energy Lateral. The mainline valve sites at each pipeline terminus (MLV515RA10 at Compressor Station 515 and MLV515RA40 at the Hildebrandt Tie-in) will also have pig traps (industry term for manifolds that launch or receive in-line inspection tools). The other two valve sites are proposed along the pipeline route (MLV515RA20 at Milepost 7.5 and MLV515RA30 at Milepost 14.8). Modifications at three existing pipeline interconnects are proposed to tie-in the proposed pipeline to the existing facilities. The Carverton Tie-In is located at Milepost 16.8. The Lower Demunds Tie-In is located at Milepost 22.3 and also includes a +/- 400-ft segment of 20-in pipeline and conduit to connect to the existing facility. The Hildebrandt Tie-In is located at the Regional Energy Lateral pipeline terminus and includes MLV515RA40. Two contractor yards are proposed for the Project and are located adjacent to the pipeline. CY-LU-001 is located at Milepost 15.3 and CY-LU-002 is located at Milepost 10.5. Cathodic protection equipment will be installed along the pipeline route. Deep anode ground beds are proposed at Mileposts 7.5 and 19.8, and one remote anode ground bed is proposed at Milepost 15.3 E&S BMP's are proposed within Jenkins Township.

Surface Waters Receiving Stormwater Discharges:
Gardner Creek, Susquehanna River

Discharge to: ☐ MS4 ☐ Other SS ☐ CSS

Tax Parcel ID(s) Affected by Proposed Land Development:
See attached table

The following information was submitted to the municipality for this project:

☐ Land Development / Subdivision Plan ☒ E&S Plan ☐ PCSM Plan ☐ Other:

***On March 31, 2021 Transco submitted to you its E&S and PCSM Plans (Plans) as part of the ESCGP-3 permit application notification. Transco provided an update in July 2021 indicating the Erosion and Sediment Control Permit for Discharges of Stormwater Associated with Construction Activities Application was submitted to the PA Dept. of Environmental Protection to replace the ESCGP-3 application. Transco has updated the application in response to the PADEP Technical Deficiencies and is providing the updated materials. Updated drawings, location maps, GIF form and Parcel ID tables are included.**

MUNICIPAL PLAN / ORDINANCE INFORMATION (COMPLETED BY MUNICIPALITY)		
1. Is there an adopted municipal or multi-municipal comprehensive plan?	☐ Yes	☐ No
2. Is there an enacted municipal or multi-municipal zoning ordinance?	☐ Yes	☐ No
3. If Yes to #2, is the proposed project consistent with the ordinance?	☐ Yes	☐ No
4. Is there a municipal stormwater management ordinance?	☐ Yes	☐ No
5. If Yes to #4, is the proposed project consistent with the ordinance, without waiver?	☐ Yes	☐ No

6. If Yes to #4, indicate type of ordinance: ☐ Act 167 Model Ordinance ☐ DEP Model Ordinance (MS4s) ☐ Other

APPLICANT CERTIFICATION	MUNICIPAL ACKNOWLEDGEMENT
I certify under penalty of law (see 18 Pa.C.S. § 4904 (relating to unsworn falsification)) that the information reported herein was prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the information, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.	The municipality acknowledges that a permit application for the above-referenced project has been submitted to a reviewing agency and that notification requirements of Act 14 of 1984 and Acts 67, 68, and 127 of 2000 have been satisfied. The information reported herein by the municipality is true and accurate. The municipality reserves the right to comment to the reviewing agency relative to comprehensive plans, zoning, and stormwater ordinance consistency. Municipal acknowledgment of receipt of notification shall not be construed as project approval.

Joseph Dean

Applicant Name

Applicant Signature

Manager - Permitting

Applicant Title

04/06/2022

Date of Signature

Municipal Representative Name

Municipal Representative Signature

Municipal Representative Title

Date of Signature

From: UPS
To: SFOX@WHMGROUP.COM
Subject: UPS Delivery Notification, Tracking Number 1Z8797VV0398736337
Date: Thursday, April 7, 2022 10:26:40 AM

Hello, your package has been delivered.

Delivery Date: Thursday, 04/07/2022
Delivery Time: 10:24 AM
Signed by: SARTIN

WHM CONSULTING, INC

Tracking Number:	1Z8797VV0398736337
Ship To:	JENKINS TOWNSHIP SUPERVISORS 46 1/2 MAIN STREET INKERMAN, PA 18640 US
Number of Packages:	1
UPS Service:	UPS Ground
Package Weight:	4.0 LBS
Reference Number:	WILLIAMS20-244, T2C

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Transcontinental Gas Pipe Line Company, LLC

Section 1-11 – General Information Form

Regional Energy Access Expansion Project

April 2021
(Added July 2021)
(Revised March 2022)

pennsylvania
DEPARTMENT OF ENVIRONMENTAL PROTECTION

COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION

GENERAL INFORMATION FORM – AUTHORIZATION APPLICATION

Before completing this General Information Form (GIF), read the step-by-step instructions provided in this application package. This form is used by the Department of Environmental Protection (DEP) to inform our programs regarding what other DEP permits or authorizations may be needed for the proposed project or activity. This version of the General Information Form (GIF) must be completed and returned with any program-specific application being submitted to the DEP.

Related ID#s (If Known)				DEP USE ONLY
Client ID#		**APS ID#**		Date Received & General Notes
Site ID#		**Auth ID#**		
Facility ID#				

CLIENT INFORMATION

DEP Client ID#	Client Type / Code	Dun & Bradstreet ID#
163321	LLC	

Legal Organization Name or Registered Fictitious Name	Employer ID# (EIN)	Is the EIN a SSN?
Transcontinental Gas Pipe Line Company, LLC	74-1079400	☐ Yes ☒ NO

State of Incorporation or Registration of Fictious Name

☐ Corporation ☒ LLC ☐ Partnership ☐ LLP ☐ LP
☐ Sole Proprietorship ☐ Association/Organization
☐ Estate/Trust ☐ Other

Individual Last Name	First Name	MI	Suffix

Additional Individual Last Name	First Name	MI	Suffix

Mailing Address Line 1	Mailing Address Line 2
2800 Post Oak Blvd, Level 11	

Address Last Line – City	State	ZIP+4	Country
Houston	TX	77056	United States

Client Contact Last Name	First Name	MI	Suffix
Dean	Joseph		

Client Contact Title	Phone	Ext	Cell Phone
Manager, Permitting	(713) 215-3427		

Email Address	FAX
Joseph.Dean@Williams.com	

SITE INFORMATION

DEP Site ID#	Site Name
	Regional Energy Access Expansion Project

EPA ID# **Estimated Number of Employees to be Present at Site**

Description of Site
The Project is an expansion of an existing natural gas transmission system consisting of pipelines, modification of three existing compressor stations and additional existing ancillary facilities.

Tax Parcel ID(s):

County Name(s)	Municipality(ies)	City	Boro	Twp	State
Luzerne	Buck, Bear Creek, Plains, Jenkins, Kingston, Dallas, Wyoming, West Wyoming, Laflin	☐	☒	☒	PA
Monroe	Ross, Chestnuthill, Tunkhannock	☐	☐	☒	PA
Northampton	Lower Mt. Bethel	☐	☐	☒	PA
Bucks	Lower Makefield	☐	☐	☒	PA
Chester	East Whiteland	☐	☐	☒	PA
		☐	☐	☒	PA
		☐	☒	☐	PA

Site Location Line 1	Site Location Line 2
See Section 1.1 - GIF Supporting Information	

Site Location Last Line – City	State	ZIP+4

Detailed Written Directions to Site
See Secton 1.1 - GIF Supporting Information for locations of all project sites.

Site Contact Last Name	First Name	MI	Suffix
Henry	Josh		

Site Contact Title	Site Contact Firm
Environmental Specialist	Transcontinental Gas Pipe Line Company, LLC.

Mailing Address Line 1	Mailing Address Line 2
2000 Commerce Drive, Park Place 2	

Mailing Address Last Line – City	State	ZIP+4
Pittsburgh	PA	15275

Phone	Ext	FAX	Email Address
(412) 787- 4277			Josh.Henry@Williams.com

NAICS Codes (Two- & Three-Digit Codes – List All That Apply) **6-Digit Code** (Optional)
221

Client to Site Relationship
OWNOP

FACILITY INFORMATION

Modification of Existing Facility	Yes	No
1. **Will this project modify an existing facility, system, or activity?**	☒	☐
2. **Will this project involve an addition to an existing facility, system, or activity?**	☒	☐

If "Yes", check all relevant facility types and provide DEP facility identification numbers below.

	Facility Type	DEP Fac ID#		Facility Type	DEP Fac ID#
☐	Air Emission Plant		☐	Industrial Minerals Mining Operation	
☐	Beneficial Use (water)		☐	Laboratory Location	
☐	Blasting Operation		☐	Land Recycling Cleanup Location	
☐	Captive Hazardous Waste Operation		☐	Mine Drainage Treatment / Land Recycling Project Location	
☐	Coal Ash Beneficial Use Operation		☐	Municipal Waste Operation	
☐	Coal Mining Operation		☐	Oil & Gas Encroachment Location	
☐	Coal Pillar Location		☐	Oil & Gas Location	
☐	Commercial Hazardous Waste Operation		☐	Oil & Gas Water Poll Control Facility	
☐	Dam Location		☐	Public Water Supply System	
☐	Deep Mine Safety Operation -Anthracite		☐	Radiation Facility	
☐	Deep Mine Safety Operation -Bituminous		☐	Residual Waste Operation	
☐	Deep Mine Safety Operation -Ind Minerals		☐	Storage Tank Location	
☐	Encroachment Location (water, wetland)		☐	Water Pollution Control Facility	
☐	Erosion & Sediment Control Facility		☐	Water Resource	
☐	Explosive Storage Location		☒	Other: Natural Gas Transmission	

Latitude/Longitude Point of Origin	Latitude Degrees	Latitude Minutes	Latitude Seconds	Longitude Degrees	Longitude Minutes	Longitude Seconds
See Section 1.1 - GIF Supporting Information						

Horizontal Accuracy Measure	Feet	*--or--*	Meters
Horizontal Reference Datum Code	☐ North American Datum of 1927 ☒ North American Datum of 1983 ☐ World Geodetic System of 1984		
Horizontal Collection Method Code	GISDR		
Reference Point Code	CNTAR		
Altitude	Feet	*--or--*	Meters
Altitude Datum Name	☐ The National Geodetic Vertical Datum of 1929 ☒ The North American Vertical Datum of 1988 (NAVD88)		
Altitude (Vertical) Location Datum Collection Method Code	TOPO		

Geometric Type Code	POINT				
Data Collection Date	2020				
Source Map Scale Number	1	Inch(es)	=	2,000	Feet
--or--		Centimeter(s)	=		Meters

PROJECT INFORMATION

Project Name
Regional Energy Access Expansion Project

Project Description
The Project is an expansion of Transco's existing natural gas transmission system that will enable Transco to provide an incremental 829,400 dekatherms per day (Dth/d) of year-round firm transportation capacity from the Marcellus Shale production area in northeastern Pennsylvania (PA) to multiple delivery points along Transco's Leidy Line in PA, Transco's mainline at the Station 210 Zone 6 Pooling Point in Mercer County, New Jersey (NJ) and multiple delivery points in Transco's Zone 6 in NJ, PA, and Maryland (MD). The Project will consist of the following components:

• Approximately 22.2 miles of 30-inch-diameter pipeline partially collocated with Transco's Leidy Line A from milepost (MP) 0.00 to MP 22.32 in Luzerne County, PA (Regional Energy Lateral);

• Approximately 13.8 miles of 42-inch-diameter pipeline collocated with Transco's Leidy Line System from MP 43.72 to MP 57.50 in Monroe County, PA (Effort Loop);

• New electric motor-driven compressor station identified as Compressor Station 201 with 9,000 nominal horsepower (HP) in Gloucester County, NJ;

• Addition of two gas-fired turbine driven compressor units with 31,800 nominal HP at ISO conditions at existing Compressor Station 505 in Somerset County, NJ, to accommodate the abandonment and replacement of approximately 16,000 HP from eight existing internal combustion engine-driven compressor units and increase the certificated station compression by 15,800 HP;

• Addition of two gas-fired turbine driven compressor units with 63,742 nominal HP at ISO conditions and modification of three existing compressors at existing Compressor Station 515 in Luzerne County, PA to support the Project and to accommodate the abandonment and replacement of approximately 17,000 HP from five existing gas-fired reciprocating engine driven compressors and increase the certificated station compression by 46,742 HP;

• Uprate and rewheel two existing electric motor-driven compressor units at existing Compressor Station 195 in York County, PA to increase the certificated station compression by 6,000 HP and accommodate the abandonment of two existing gas-fired reciprocating engine driven compressors, which total approximately 8,000 HP;

• Modifications at existing Compressor Station 200 in Chester County, PA;

• Uprate one existing electric motor-driven compressor unit at Compressor Station 207 in Middlesex County, NJ to increase the certificated station compression by 4,100 HP;

• Modifications to three (3) existing pipeline tie-ins in PA (Hildebrandt Tie-in, Lower Demunds REL Tie-in, and Carverton Tie-in);

• Addition of regulation controls at an existing valve setting on Transco's Mainline "A" in Bucks County, PA (Mainline A Regulator);

• Modifications at the existing Delaware River Regulator in Northampton County, PA;

• Modifications at the existing Centerville Regulator in Somerset County, NJ;

• Modifications to the existing valves and piping at the Princeton Junction (Station 210 Pooling Point) in Mercer County, NJ;

• Modifications to three (3) existing delivery meter stations in NJ (Camden M&R Station, Lawnside M&R Station, and Mt. Laurel M&R Station);

• Modifications to one (1) existing delivery meter station in MD (Beaver Dam M&R Station);

• Contractual changes (no modifications) at ten (10) existing delivery meter stations in PA and NJ (Algonquin-Centerville Meter Station, Post Road Meter Station, New Village Meter Station, Spruce Run Meter Station, Marcus Hook Meter Station, Ivyland Meter Station, Repaupo Meter Station, Morgan Meter Station, Lower Mud Run Meter Station, and Chesterfield Meter Station);

• Additional ancillary facilities, such as mainline valves (MLVs), cathodic protection, communication facilities, and internal inspection device (e.g., pig) launchers and receivers in PA; and

• Existing, improved, and new access roads and contractor yards/staging areas in PA, NJ, and MD.

In an ongoing effort to reduce its air emissions footprint, Transco is assessing the replacement of vintage gas-fired reciprocating engine driven compressors with more efficient state-of-the-art gas-fired turbine driven compressors. The proposed compression abandonment and replacement scopes at Transco's existing Compressor Station 505 and Compressor Station 515 are part of this effort and have been adopted into the Project scope. Additionally, the uprate and optimization of existing electric motor-driven compression to accommodate abandonment of gas-fired reciprocating engine driven compression at Compressor Station 195 has also been adopted into the Project scope.

The Algonquin-Centerville, Post Road, New Village, Spruce Run, Marcus Hook, Ivyland, Repaupo, Morgan, Lower Mud Run, and Chesterfield Meter Stations can accommodate the contractual changes proposed as part of this Project; therefore, no modifications are proposed at these facilities

Project Consultant Last Name	**First Name**	**MI**	**Suffix**
Nelson	Ryan		

Project Consultant Title	**Consulting Firm**
Senior Project Manager	WHM Consulting, LLC

Mailing Address Line 1	**Mailing Address Line 2**
2525 Green Tech Drive; Suite B	

Address Last Line – City	**State**	**ZIP+4**
State College	PA	16803

Phone	**Ext**	**FAX**	**Email Address**
(814) 689-1650	102		ryann@whmgroup.com

Time Schedules	**Project Milestone (Optional)**
March 2021	Submit 401 WQC
April 2021	Submit Chapter 102 / 105 Permits
2nd Quarter of 2023	Commence Construction
4th Quarter 2024	In-service Date

1. Is the project located in or within a 0.5-mile radius of an Environmental Justice community as defined by DEP? ☒ Yes ☐ No

To determine if the project is located in or within a 0.5-mile radius of an environmental justice community, please use the online Environmental Justice Areas Viewer.

2. Have you informed the surrounding community prior to submitting the application to the Department? ☒ Yes ☐ No

Method of notification:

1) Open house schedule mailed to affected parties;

2) Newspaper advertisements of open houses placed in newspapers of general circulation in the Project area;

3) Open houses (a mixture of virtual and in-person) held in the county of each major project scope item;
4) Newspaper advertisements prior to commencement of construction, which will be placed in those same publications;
5) Notification to businesses potentially affected by construction;
6) Designation of a point of contact for stakeholder communication;
7) A Project toll free telephone number for public inquiries; and
•8) A Project website with periodic updates of relevant information.

3. Have you addressed community concerns that were identified? ☒ Yes ☐ No ☐ N/A

If no, please briefly describe the community concerns that have been expressed and not addressed.

4. Is your project funded by state or federal grants? ☐ Yes ☒ No

Note: If "Yes", specify what aspect of the project is related to the grant and provide the grant source, contact person and grant expiration date.

Aspect of Project Related to Grant
Grant Source: _____
Grant Contact Person: _____
Grant Expiration Date: _____

5. Is this application for an authorization on Appendix A of the Land Use Policy? (For referenced list, see Appendix A of the Land Use Policy attached to GIF instructions) ☒ Yes ☐ No

Note: If "No" to Question 5, the application is not subject to the Land Use Policy.
If "Yes" to Question 5, the application is subject to this policy and the Applicant should answer the additional questions in the **Land Use Information** section.

LAND USE INFORMATION

Note: Applicants should submit copies of local land use approvals or other evidence of compliance with local comprehensive plans and zoning ordinances.

1.	**Is there an adopted county or multi-county comprehensive plan?**	☒	Yes	☐	No
2.	**Is there a county stormwater management plan?**	☒	Yes	☐	No
3.	**Is there an adopted municipal or multi-municipal comprehensive plan?**	☒	Yes	☐	No
4.	**Is there an adopted county-wide zoning ordinance, municipal zoning ordinance or joint municipal zoning ordinance?**	☒	Yes	☐	No
5.	**Does the proposed project meet the provisions of the zoning ordinance or does the proposed project have zoning approval?** If zoning approval has been received, attach documentation.	☒	Yes	☐	No
6.	**Have you attached Municipal and County Land Use Letters for the project?**	☐	Yes	☒	No

Note: If the Applicant answers "No" to either Questions 1, 3 or 4, the provisions of the PA MPC are not applicable and the Applicant does not need to respond to questions 5 and 6 below.
If the Applicant answers "Yes" to questions 1, 3 and 4, the Applicant should respond to questions 5 and 6 below.

* This Project is regulated by the Federal Energy Regulatory Commission (FERC) under the Natural Gas Act. FERC has exclusive jurisdiction over siting of the Project, therefore, local zoning is preempted.

COORDINATION INFORMATION

Note: The PA Historical and Museum Commission must be notified of proposed projects in accordance with DEP Technical Guidance Document 012-0700-001 utilizing the Project Review Form.

If the activity will be a mining project (i.e., mining of coal or industrial minerals, coal refuse disposal and/or the operation of a coal or industrial minerals preparation/processing facility), respond to questions 1.0 through 2.5 below.

If the activity will not be a mining project, skip questions 1.0 through 2.5 and begin with question 3.0.

1.0	**Is this a coal mining project?** If "Yes", respond to 1.1-1.6. If "No", skip to Question 2.0.	☐	Yes	☒	No
1.1	**Will this coal mining project involve coal preparation/ processing activities in which the total amount of coal prepared/processed will be equal to or greater than 200 tons/day?**	☐	Yes	☐	No
1.2	**Will this coal mining project involve coal preparation/ processing activities in which the total amount of coal prepared/processed will be greater than 50,000 tons/year?**	☐	Yes	☐	No
1.3	**Will this coal mining project involve coal preparation/ processing activities in which thermal coal dryers or pneumatic coal cleaners will be used?**	☐	Yes	☐	No
1.4	**For this coal mining project, will sewage treatment facilities be constructed and treated waste water discharged to surface waters?**	☐	Yes	☐	No
1.5	**Will this coal mining project involve the construction of a permanent impoundment meeting one or more of the following criteria: (1) a contributory drainage area exceeding 100 acres; (2) a depth of water measured by the upstream toe of the dam at maximum storage elevation exceeding 15 feet; (3) an impounding capacity at maximum storage elevation exceeding 50 acre-feet?**	☐	Yes	☐	No
1.6	**Will this coal mining project involve underground coal mining to be conducted within 500 feet of an oil or gas well?**	☐	Yes	☐	No
2.0	**Is this a non-coal (industrial minerals) mining project?** If "Yes", respond to 2.1-2.6. If "No", skip to Question 3.0.	☐	Yes	☒	No
2.1	**Will this non-coal (industrial minerals) mining project involve the crushing and screening of non-coal minerals other than sand and gravel?**	☐	Yes	☐	No
2.2	**Will this non-coal (industrial minerals) mining project involve the crushing and/or screening of sand and gravel with the exception of wet sand and gravel operations (screening only) and dry sand and gravel operations with a capacity of less than 150 tons/hour of unconsolidated materials?**	☐	Yes	☐	No
2.3	**Will this non-coal (industrial minerals) mining project involve the construction, operation and/or modification of a portable non-metallic (i.e., non-coal) minerals processing plant under the authority of the General Permit for Portable Non-metallic Mineral Processing Plants (i.e., BAQ-PGPA/GP-3)?**	☐	Yes	☐	No
2.4	**For this non-coal (industrial minerals) mining project, will sewage treatment facilities be constructed and treated waste water discharged to surface waters?**	☐	Yes	☐	No
2.5	**Will this non-coal (industrial minerals) mining project involve the construction of a permanent impoundment meeting one or more of the following criteria: (1) a contributory drainage area exceeding 100 acres; (2) a depth of water measured by the upstream toe of the dam at maximum storage elevation exceeding 15 feet; (3) an impounding capacity at maximum storage elevation exceeding 50 acre-feet?**	☐	Yes	☐	No

3.0	**Will your project, activity, or authorization have anything to do with a well related to oil or gas production, have construction within 200 feet of, affect an oil or gas well, involve the waste from such a well, or string power lines above an oil or gas well?** If "Yes", respond to 3.1-3.3. If "No", skip to Question 4.0.	☐	Yes	☒	No
3.1	**Does the oil- or gas-related project involve any of the following: placement of fill, excavation within or placement of a structure, located in, along, across or projecting into a watercourse, floodway or body of water (including wetlands)?**	☐	Yes	☐	No
3.2	**Will the oil- or gas-related project involve discharge of industrial wastewater or stormwater to a dry swale, surface water, ground water or an existing sanitary sewer system or storm water system?** If "Yes", discuss in *Project Description*.	☐	Yes	☐	No
3.3	**Will the oil- or gas-related project involve the construction and operation of industrial waste treatment facilities?**	☐	Yes	☐	No
4.0	**Will the project involve a construction activity that results in earth disturbance?** If "Yes", specify the total disturbed acreage.	☒	Yes	☐	No
	4.0.1 Total Disturbed Acreage + / - 672				
	4.0.2 Will the project discharge or drain to a special protection water (EV or HQ) or an EV wetland?	☒	Yes	☐	No
	4.0.3 Will the project involve a construction activity that results in earth disturbance in the area of the earth disturbance that are contaminated at levels exceeding residential or non-residential medium-specific concentrations (MSCs) in 25 Pa. Code Chapter 250 at residential or non-residential construction sites, respectively?	☐	Yes	☒	No
5.0	**Does the project involve any of the following: water obstruction and/or encroachment, wetland impacts, or floodplain project by the Commonwealth/political subdivision or public utility?** If "Yes", respond to 5.1-5.7. If "No", skip to Question 6.0.	☒	Yes	☐	No
5.1	**Water Obstruction and Encroachment Projects – Does the project involve any of the following: placement of fill, excavation within or placement of a structure, located in, along, across or projecting into a watercourse, floodway or body of water?**	☒	Yes	☐	No
5.2	**Wetland Impacts – Does the project involve any of the following: placement of fill, excavation within or placement of a structure, located in, along, across or projecting into a wetland?**	☒	Yes	☐	No
5.3	**Floodplain Projects by the Commonwealth, a Political Subdivision of the Commonwealth or a Public Utility – Does the project involve any of the following: placement of fill, excavation within or placement of a structure, located in, along, across or projecting into a floodplain?**	☐	Yes	☒	No
5.4	**Is your project an interstate transmission natural gas pipeline?**	☒	Yes	☐	No
5.5	**Does your project consist of linear construction activities which result in earth disturbance in two or more DEP regions AND three or more counties?**	☒	Yes	☐	No
5.6	**Does your project utilize Floodplain Restoration as a best management practice for Post Construction Stormwater Management?**	☐	Yes	☒	No
5.7	**Does your project utilize Class V Gravity / Injection Wells as a best management practice for Post Construction Stormwater Management?**	☐	Yes	☒	No
6.0	**Will the project involve discharge of construction related stormwater to a dry swale, surface water, ground water or separate storm water system?**	☒	Yes	☐	No

6.1	**Will the project involve discharge of industrial waste stormwater or wastewater from an industrial activity or sewage to a dry swale, surface water, ground water or an existing sanitary sewer system or separate storm water system?**	☒	Yes	☐	No
7.0	**Will the project involve the construction and operation of industrial waste treatment facilities?**	☐	Yes	☒	No
8.0	**Will the project involve construction of sewage treatment facilities, sanitary sewers, or sewage pumping stations?** If "Yes", indicate estimated proposed flow (gal/day). Also, discuss the sanitary sewer pipe sizes and the number of pumping stations/treatment facilities/name of downstream sewage facilities in the *Project Description*, where applicable.	☐	Yes	☒	No
	8.0.1 Estimated Proposed Flow (gal/day)				
9.0	**Will the project involve the subdivision of land, or the generation of 800 gpd or more of sewage on an existing parcel of land or the generation of an additional 400 gpd of sewage on an already-developed parcel, or the generation of 800 gpd or more of industrial wastewater that would be discharged to an existing sanitary sewer system?**	☐	Yes	☒	No
	9.0.1 Was Act 537 sewage facilities planning submitted and approved by DEP? If "Yes" attach the approval letter. Approval required prior to 105/NPDES approval.	☐	Yes	☐	No
10.0	**Is this project for the beneficial use of biosolids for land application within Pennsylvania?** If "Yes" indicate how much (i.e. gallons or dry tons per year).	☐	Yes	☒	No
	10.0.1 Gallons Per Year (residential septage)				
	10.0.2 Dry Tons Per Year (biosolids)				
11.0	**Does the project involve construction, modification or removal of a dam?** If "Yes", identify the dam.	☐	Yes	☒	No
	11.0.1 Dam Name				
12.0	**Will the project interfere with the flow from, or otherwise impact, a dam?** If "Yes", identify the dam.	☐	Yes	☒	No
	12.0.1 Dam Name				
13.0	**Will the project involve operations (excluding during the construction period) that produce air emissions (i.e., NOX, VOC, etc.)?**	☒	Yes	☐	No
	13.0.1 If "Yes", is the operation subject to the agricultural exemption in 35 P.S. § 4004.1?	☐	Yes	☒	No

13.0.2 If the answer to 13.0.1 is "No", identify each type of emission followed by the estimated amount of that emission.

Enter all types & amounts of emissions; separate each set with semicolons.

Summary of Compressor Station 515 Estimated Net Operational Potential to Emit (PTE): NOx - 196.8; CO - 314.40; VOC - 50.6; SO2 - 14.0; PM10/PM2.5 - 30.6; Single HAP (formaldehyde)- 8.7; Total HAP - 12.2; CO2e - 511,413 = Annual (tpy)

Summary of Pipeline and M&R Station Estimated Operational Potential to Emit (PTE): VOC - 1.17; Single HAP - 0.20; Total HAP - 0.20; CO2e - 5460.47 = Annual (tpy)

Modifications to Compressor Station 195 and Compressor Station 200 only include uprating existing electric motor-driven compression capacity or piping and valve modifications; therefore, Transco anticipates these facilities will have insignificant operational emissions.

14.0	**Does the project include the construction or modification of a drinking water supply to serve 15 or more connections or 25 or more people, at least 60 days out of the year?** If "Yes", check all proposed sub-facilities.	☐	Yes	☒	No
	14.0.1 Number of Persons Served _____				
	14.0.2 Number of Employee/Guests _____				
	14.0.3 Number of Connections _____				
	14.0.4 Sub-Fac: Distribution System	☐	Yes	☐	No
	14.0.5 Sub-Fac: Water Treatment Plant	☐	Yes	☐	No
	14.0.6 Sub-Fac: Source	☐	Yes	☐	No
	14.0.7 Sub-Fac: Pump Station	☐	Yes	☐	No
	14.0.8 Sub Fac: Transmission Main	☐	Yes	☐	No
	14.0.9 Sub-Fac: Storage Facility	☐	Yes	☐	No
15.0	**Will your project include infiltration of storm water or waste water to ground water within one-half mile of a public water supply well, spring or infiltration gallery?**	☒	Yes	☐	No
16.0	**Is your project to be served by an existing public water supply?** If "Yes", indicate name of supplier and attach letter from supplier stating that it will serve the project.	☐	Yes	☒	No
	16.0.1 Supplier's Name _____				
	16.0.2 Letter of Approval from Supplier is Attached	☐	Yes	☐	No
17.0	**Will this project be served by on-lot drinking water wells?**	☐	Yes	☒	No
18.0	**Will this project involve a new or increased drinking water withdrawal from a river, stream, spring, lake, well or other water bod(ies)?** If "Yes", reference Safe Drinking Water Program.	☐	Yes	☒	No
	18.0.1 Source Name				
19.0	**Will the construction or operation of this project involve treatment, storage, reuse, or disposal of waste?** If "Yes", indicate what type (i.e., hazardous, municipal (including infectious & chemotherapeutic), residual) and the amount to be treated, stored, re-used or disposed.	☐	Yes	☒	No
	19.0.1 Type & Amount				
20.0	**Will your project involve the removal of coal, minerals, contaminated media, or solid waste as part of any earth disturbance activities?**	☐	Yes	☒	No
21.0	**Does your project involve installation of a field constructed underground storage tank?** If "Yes", list each Substance & its Capacity. **Note:** Applicant may need a Storage Tank Site Specific Installation Permit.	☐	Yes	☒	No
	21.0.1 Enter all substances & capacity of each; separate each set with semicolons.				
22.0	**Does your project involve installation of an aboveground storage tank greater than 21,000 gallons capacity at an existing facility?** If "Yes", list each Substance & its Capacity. **Note:** Applicant may need a Storage Tank Site Specific Installation Permit.	☐	Yes	☒	No
	22.0.1 Enter all substances & capacity of each; separate each set with semicolons.				
23.0	**Does your project involve installation of a tank greater than 1,100 gallons which will contain a highly hazardous substance as defined in DEP's Regulated Substances List, 2570-BK-DEP2724?** If "Yes", list each Substance & its Capacity. **Note:** Applicant may need a Storage Tank Site Specific Installation Permit.	☐	Yes	☒	No
	23.0.1 Enter all substances & capacity of each; separate each set with semicolons.				

24.0	**Does your project involve installation of a storage tank at a new facility with a total AST capacity greater than 21,000 gallons?** If "Yes", list each Substance & its Capacity. **Note:** Applicant may need a Storage Tank Site Specific Installation Permit. **24.0.1 Enter all substances & capacity of each; separate each set with semicolons.**	☐	Yes	☒	No

NOTE: If the project includes the installation of a regulated storage tank system, including diesel emergency generator systems, the project may require the use of a Department Certified Tank Handler. For a full list of regulated storage tanks and substances, please go to www.dep.pa.gov search term storage tanks

25.0	**Will the intended activity involve the use of a radiation source?**	☐	Yes	☒	No

CERTIFICATION

I certify that I have the authority to submit this application on behalf of the applicant named herein and that the information provided in this application is true and correct to the best of my knowledge and information.

For applicants supplying an EIN number: I am applying for a permit or authorization from the Pennsylvania Department of Environmental Protection (DEP). As part of this application, I will provide DEP with an accurate EIN number for the applicant entity. By filing this application with DEP, I hereby authorize DEP to confirm the accuracy of the EIN number provided with the Pennsylvania Department of Revenue. As applicant, I further consent to the Department of Revenue discussing the same with DEP prior to issuance of the Commonwealth permit or authorization.

Type or Print Name Joseph Dean

Signature	Title	Date
	Manager, Permitting	02/24/2022

GIF Supporting Information

Project Component	Site	Site Location City	ZIP Code	Detailed Written Directions to Site	Latitude / Longitude
Effort Loop	Eastern Terminus	Saylorsburg	18353	From 209: heading East – Turn Right onto Frable Rd/T432. Follow for 1.7 miles. Turn Right onto Meixsell Valley Road/T361. Follow for .2 miles then turn left. Destination is in ~340 feet. Heading West-Turn Left onto Rte 115. Follow for 1.1 miles, then turn right onto Meixsell Valley Rd/T361. Continue for 1.4 miles then turn left. Destination is in ~340 feet.	40.896796, -75.370606
	Western Terminus	Long Pond	18334	From I-80: Heading East- Take exit 284 for PA-115 towards Blakeslee. Keep right at the fork, follow signs for Lake Harmony/Brodheadsville and merge on PA-115 S. Follow for 3.2 miles. Turn Left onto Long Pond Road. Destination will be in ~.2 miles. Heading West- Take exit 384 for PA-115 S. Turn left onto PA-115 S. Follow for 3.4 miles. Turn Left onto Long Pond Rd. Destination will be in ~.2 miles.	41.053413, -75.526178
Regional Energy Lateral	Eastern Terminus	White Haven	18661	From I-80: Heading West-Take exit 284 towards Blakeslee. Merge onto PA-115 N. Follow for 8.2 Miles. Turn Right onto Ridgeway Ave. Destination will be in .2 miles. Heading East- Take exit 284 towards Blakeslee. Turn left onto PA-115 N. Follow for 8.4 miles. Turn Right onto Ridgeway Ave. Destination will be in .2 miles. From I-476: Heading South- Take exit 105 to merge onto PA-115 S. Follow PA-115 S for 8.4 miles. Turn left onto Ridgeway Ave. Destination will be in .2 Miles	41.173337, -75.671706
	Western Terminus	Dallas	18612	From PA-309: Heading South-Head South on PA-309 S toward Dallas RV and MHP. Turn Left onto Hildebrandt Rd. Follow for .4 miles then turn right onto Conyngham Ave. Follow for .4 miles. Continue onto Fairground Road. Destination will be to the left in .2 Miles. Heading North-Head North on PA-309 N toward Grandview Ave. Turn right onto Hildebrandt Rd. Follow for .4 miles then turn right onto Conyngham Ave. Follow for .4 miles. Continue onto Fairground Road. Destination will be to the left in .2 Miles.	41.346917, -75.946263
Compressor Station 515		White Haven	18661	Same as REL Eastern Terminus	41.173337, -75.671706
Compressor Station 200		Frazer	19355	From I-76: East Bound- Take exit 312 toward PA-100 S/Pottstown Pike (Toll Rd). Keep left at the fork and follow signs for PA-100 S/Downingtown and merge onto PA-100 S/Pottstown Pike. Follow for 2.5 miles. Turn left onto N. Ship Rd and follow for .6 miles. Turn left onto Valley Hill Rd and follow for 1.7 miles. Turn right onto PA-401 E. Follow for .5 miles then turn right onto Bacton Hill Rd. Destination will be in .5 Miles. Heading West-Take exit 320 toward Melvern Turn left onto PA-29 S. Turn right at the 1st cross street onto Flat Rd. Turn right onto Sidley Road and then in .4 miles, turn left onto Phoenixville Pike. In .9 miles turn right onto PA-401 W and follow for 1 mile. Turn left onto N. Bacton Hill Road. Destination will be on the right in .5 miles.	40.049969, -75.585849
Delaware River Regulator/Lower Mud Run Meter Station		Easton	18040	To Delaware River Regulator- From 22: East Bound- Take the 4th Street/PA-248 Exit toward PA-611. Turn Left onto PA-248 E/Bushkill St. Follow for .4 miles then turn left onto PA-611 N. Keep right to continue on PA-611 N/N Delaware Dr and follow for 5 miles. Turn Left onto Lower Mud Run Rd. Destination will be on the left in .4 miles. To Lower Mud Run Meter Station- Head +/- 200' northwest from the Delaware River Regulator. The site is immediately adjacent to Delaware River Regulator.	40.762166, -75.19644/ 40.762706, -75.197631
Main Line A Regulator		Washington Crossing	18977	From I-295: Take exit 10 toward New Hope. Turn left onto Taylorsville Rd. Continue straight to stay on Taylorsville Rd. In .9 miles turn right onto Mt Eyre Rd. Follow for .2 miles then turn right onto PA-32 S. The destination will be on the right in 407 feet.	40.268063, -74.857125

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Proposed Facility Modification/Addition
Existing Compressor Station
Mile Post
Existing Springville Pipeline
Proposed Pipeline
Existing Transco Pipelines
Proposed Limits of Disturbance
Municipal Boundaries

Existing Compressor Station 515 and Proposed MLV-515RA10

Notes:
1. Maps Reduced from USGS 7.5 Minute Quadrangles:
Avoca, Kingston, Pittston, Pleasant View Summit, & Wilkes-Barre East

1 Inch = 2,000 Feet
0 2,000 4,000 Feet

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TRANSCONTINENTAL GAS PIPE LINE COMPANY, LLC

REGIONAL ENERGY ACCESS EXPANSION PROJECT
PROPOSED 30" REGIONAL ENERGY LATERAL

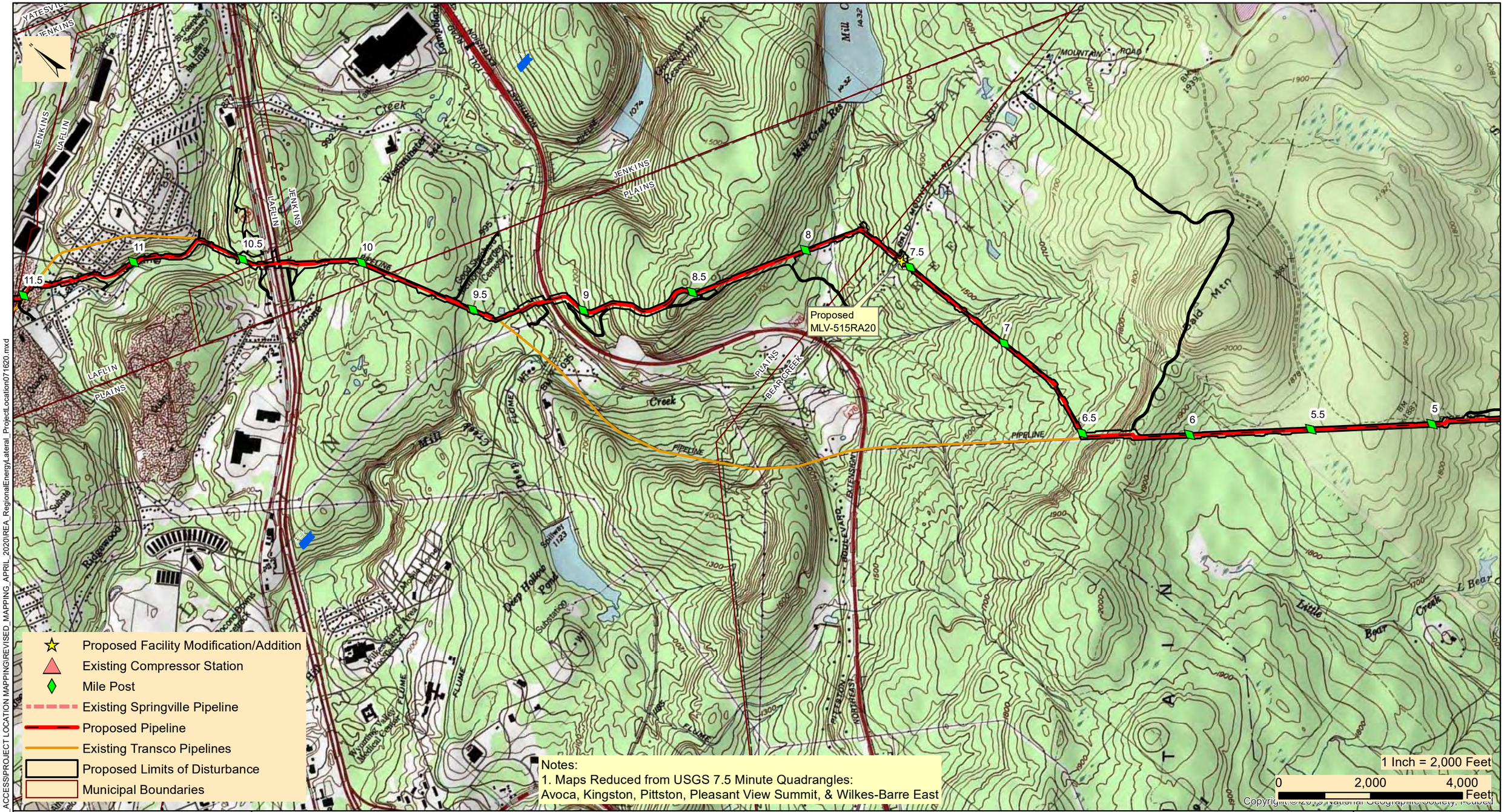
PROJECT LOCATION MAP

BUCK & BEAR CREEK TOWNSHIPS | LUZERNE COUNTY | PENNSYLVANIA

Date: 2/28/2022

Drawn By: FTN

Figure Number: REL-1



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TRANSCONTINENTAL GAS PIPE LINE COMPANY, LLC

REGIONAL ENERGY ACCESS EXPANSION PROJECT

PROPOSED 30" REGIONAL ENERGY LATERAL

PROJECT LOCATION MAP

BEAR CREEK, JENKINS, PLAINS TWPS, & LAFLIN BOROUGH | LUZERNE COUNTY | PENNSYLVANIA

Date: 2/28/2022

Drawn By: FTN

Figure Number: REL-2

Carverton Tie-In

Proposed MLV-515RA30

17.5 17 16.5 16 15.5 15 14.5 14 13.5 13 12.5 12 11.5 11 10.5 10

- Proposed Facility Modification/Addition
- Existing Compressor Station
- Mile Post
- Existing Springville Pipeline
- Proposed Pipeline
- Existing Transco Pipelines
- Proposed Limits of Disturbance
- Municipal Boundaries

Notes:
1. Maps Reduced from USGS 7.5 Minute Quadrangles:
Avoca, Kingston, Pittston, Pleasant View Summit, & Wilkes-Barre East

1 Inch = 2,000 Feet
0 2,000 4,000 Feet

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TRANSCONTINENTAL GAS PIPE LINE COMPANY, LLC

REGIONAL ENERGY ACCESS EXPANSION PROJECT

PROPOSED 30" REGIONAL ENERGY LATERAL

PROJECT LOCATION MAP

KINGSTON, JENKINS, WEST WYOMING, WYOMING, & LAFLIN | LUZERNE COUNTY | PENNSYLVANIA

Date: 2/28/2022

Drawn By: FTN

Figure Number: REL-3

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20.5
20
21.5
22
19.5
19
17.5
17
16.5

Hildebrandt Tie-in/
MLV-515RA40

Lower Demunds
REL Tie-In

Carverton
Tie-In

Proposed Facility Modification/Addition
Existing Compressor Station
Mile Post
Existing Springville Pipeline
Proposed Pipeline
Existing Transco Pipelines
Proposed Limits of Disturbance
Municipal Boundaries

Notes:
1. Maps Reduced from USGS 7.5 Minute Quadrangles:
Avoca, Kingston, Pittston, Pleasant View Summit, & Wilkes-Barre East

1 Inch = 2,000 Feet
0 2,000 4,000 Feet

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TRANSCONTINENTAL GAS PIPE LINE COMPANY, LLC

REGIONAL ENERGY ACCESS EXPANSION PROJECT
PROPOSED 30" REGIONAL ENERGY LATERAL

PROJECT LOCATION MAP

DALLAS, KINGSTON, & WEST WYOMING TOWNSHIP | LUZERNE COUNTY | PENNSYLVANIA

Date: 2/28/2022

Drawn By: FTN

Figure Number: REL-4

Tax Account Number / APN	Legal Desc County	Municipality
33F11S10001008000	Luzerne	Jenkins
33F11S1000108A000	Luzerne	Jenkins
33F11S1000108B000	Luzerne	Jenkins
33F12 00A026000	Luzerne	Jenkins
33F12 00A15B000	Luzerne	Jenkins
33F12S10001006000	Luzerne	Jenkins
33F12S10001007000	Luzerne	Jenkins
33F12S10001008000	Luzerne	Jenkins
33G11S4 00212G000	Luzerne	Jenkins
33G11S4 00212H000	Luzerne	Jenkins
33G11S4 00212J000	Luzerne	Jenkins
33G12 00A001000	Luzerne	Jenkins
36F11 00A008000	Luzerne	Jenkins
36F11 00A08A000	Luzerne	Jenkins
50G10 00A00H000	Luzerne	Jenkins
50G11 00A006000	Luzerne	Jenkins
50G11 00A04D000	Luzerne	Jenkins
50G11S4 00212E000	Luzerne	Jenkins
50G12 00A008000	Luzerne	Jenkins
50G12 00A008000	Luzerne	Jenkins
50G12 00A06A000	Luzerne	Jenkins
50G12 00AVAR000	Luzerne	Jenkins
50G12 00AVAR000	Luzerne	Jenkins
50G12H1200A007000	Luzerne	Jenkins
50H12 00A02F000	Luzerne	Jenkins
33E11 00A0A1000	Luzerne	Jenkins
33E11 00A0A1000	Luzerne	Jenkins
33E11 00A0A1000	Luzerne	Jenkins
33E11 00A0A1000	Luzerne	Jenkins
33F10 00A007000	Luzerne	Jenkins
33F10 00A07C000	Luzerne	Jenkins
33F10 00A07E000	Luzerne	Jenkins
33F10 00A007000	Luzerne	Jenkins
33F10S3 001004000	Luzerne	Jenkins
33F10S3 003037000	Luzerne	Jenkins
33F10S3 003038000	Luzerne	Jenkins
33F10S3 003038000	Luzerne	Jenkins
33F11 000024000	Luzerne	Jenkins
33F11 00107B000	Luzerne	Jenkins
33F11 00A00F000	Luzerne	Jenkins
33F11 00A08B000	Luzerne	Jenkins
33F11 00A18F000	Luzerne	Jenkins
33F11 00A18W000	Luzerne	Jenkins
33F11 00A18X000	Luzerne	Jenkins

Tax Account Number / APN	Legal Desc County	Municipality
33F11 00A22A000	Luzerne	Jenkins
33F11 00A22A000	Luzerne	Jenkins
33F11 00A03A000	Luzerne	Jenkins
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33F11 00A03G000	Luzerne	Jenkins
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33F11 00A18W000	Luzerne	Jenkins
33F11 00A18W000	Luzerne	Jenkins
33F11 00A18Y000	Luzerne	Jenkins
33-F11-00A-008-000	Luzerne	Jenkins
33F11S1 003016000	Luzerne	Jenkins
33F11S1 00316A000	Luzerne	Jenkins
33F11S1 004005000	Luzerne	Jenkins
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33F11S2 001024000	Luzerne	Jenkins
33F11S2 00125B000	Luzerne	Jenkins
33F11S2 00125C000	Luzerne	Jenkins
33F11S2 00125D000	Luzerne	Jenkins
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33F11S3 00102B000	Luzerne	Jenkins
33F11S4 002016000	Luzerne	Jenkins
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33F11S4 00217A000	Luzerne	Jenkins
33F11S4 00219A000	Luzerne	Jenkins
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33F11S5C001001000	Luzerne	Jenkins
36F11S5 005003000	Luzerne	Jenkins
36F11S5 005013000	Luzerne	Jenkins
36F11S5 005013000	Luzerne	Jenkins

Tax Account Number / APN	Legal Desc County	Municipality
36F11S5 005013000	Luzerne	Jenkins
36F11S5 005014000	Luzerne	Jenkins
36F11S5 005015000	Luzerne	Jenkins
36F11S5 005016000	Luzerne	Jenkins
50F10S2 00203Q000	Luzerne	Jenkins
50F10S2 00203R000	Luzerne	Jenkins
67F10 00A14A000	Luzerne	Jenkins

COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
BUREAU OF CLEAN WATER

MUNICIPAL NOTIFICATION OF PLANNED LAND DEVELOPMENT FOR CHAPTER 102 PERMITS

PROJECT INFORMATION (COMPLETED BY APPLICANT)

Applicant Name:	**Transcontinental Gas Pipe Line Company, a subsidiary of Williams Partners, L.P.**	Contact Name:	**Joseph Dean** **Manager-Permitting**
Applicant Address:	**2800 Post Oak Blvd, Level 11**	Contact Phone:	**(713) 215-3427**
Applicant City, State, ZIP:	**Houston, TX 77056**	County:	**Luzerne**
		Municipality:	**Kingston**
		Project Area:	**120.19** acres ☐ Phased
		Disturbance:	**47.64** acres

Description of Proposed Land Development and Stormwater Controls:

The Regional Energy Lateral component of the Regional Energy Access Expansion Project will consist of approximately 22.3 miles of 30-inch diameter pipeline, partially co-located with existing Transco Leidy Line-A, in Buck, Bear Creek, Plains, Jenkins, Kingston and Dallas Townships, and Laflin, Wyoming, and West Wyoming Boroughs, Luzerne County, Pennsylvania. The Regional Energy Lateral begins at existing Compressor Station 515 in Buck Township and continues westward to its terminus at Transco's existing Hildebrandt Tie-in in Dallas Township. Transco will be installing four mainline valves with appurtenant equipment, as a means to isolate gas flows along the Regional Energy Lateral. The mainline valve sites at each pipeline terminus (MLV515RA10 at Compressor Station 515 and MLV515RA40 at the Hildebrandt Tie-in) will also have pig traps (industry term for manifolds that launch or receive in-line inspection tools). The other two valve sites are proposed along the pipeline route (MLV515RA20 at Milepost 7.5 and MLV515RA30 at Milepost 14.8). Modifications at three existing pipeline interconnects are proposed to tie-in the proposed pipeline to the existing facilities. The Carverton Tie-In is located at Milepost 16.8. The Lower Demunds Tie-In is located at Milepost 22.3 and also includes a +/- 400-ft segment of 20-in pipeline to connect to the existing facility. The Hildebrandt Tie-In is located at the Regional Energy Lateral pipeline terminus and includes MLV515RA40. Two contractor yards are proposed for the Project and are located adjacent to the pipeline. CY-LU-001 is located at Milepost 15.3 and CY-LU-002 is located at Milepost 10.5. Cathodic protection equipment will be installed along the pipeline route. Deep anode ground beds are proposed at Mileposts 7.5 and 19.8, and one remote anode ground bed is proposed at Milepost 15.3. E&S BMP's are proposed within Kingston Township.

Surface Waters Receiving Stormwater Discharges:

Abrahams Creek, Toby Creek, Trout Brook

Discharge to: ☐ MS4 ☐ Other SS ☐ CSS

Tax Parcel ID(s) Affected by Proposed Land Development:

See attached table

The following information was submitted to the municipality for this project:

☐ Land Development / Subdivision Plan ☒ E&S Plan ☐ PCSM Plan ☐ Other:

***On March 31, 2021 Transco submitted to you its E&S and PCSM Plans (Plans) as part of the ESCGP-3 permit application notification. The purpose of this notice is to let you know that Transco will be submitting an Erosion and Sediment Control Permit for Discharges of Stormwater Associated with Construction Activities Application to the PA Dept. of Environmental Protection to replace the ESCGP-3 application. Please refer to the previously submitted Plans.**

MUNICIPAL PLAN / ORDINANCE INFORMATION (COMPLETED BY MUNICIPALITY)		
1. Is there an adopted municipal or multi-municipal comprehensive plan?	☐ Yes	☐ No
2. Is there an enacted municipal or multi-municipal zoning ordinance?	☐ Yes	☐ No
3. If Yes to #2, is the proposed project consistent with the ordinance?	☐ Yes	☐ No
4. Is there a municipal stormwater management ordinance?	☐ Yes	☐ No
5. If Yes to #4, is the proposed project consistent with the ordinance, without waiver?	☐ Yes	☐ No

6. If Yes to #4, indicate type of ordinance: ☐ Act 167 Model Ordinance ☐ DEP Model Ordinance (MS4s) ☐ Other

APPLICANT CERTIFICATION	MUNICIPAL ACKNOWLEDGEMENT
I certify under penalty of law (see 18 Pa.C.S. § 4904 (relating to unsworn falsification)) that the information reported herein was prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the information, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.	The municipality acknowledges that a permit application for the above-referenced project has been submitted to a reviewing agency and that notification requirements of Act 14 of 1984 and Acts 67, 68, and 127 of 2000 have been satisfied. The information reported herein by the municipality is true and accurate. The municipality reserves the right to comment to the reviewing agency relative to comprehensive plans, zoning, and stormwater ordinance consistency. Municipal acknowledgment of receipt of notification shall not be construed as project approval.

Joseph Dean

Applicant Name

Municipal Representative Name

Applicant Signature

Municipal Representative Signature

Manager - Permitting

Applicant Title

Municipal Representative Title

07/01/2021

Date of Signature

Date of Signature

Tax Account Number / APN	Legal Desc County	Municipality
10D8 00A62A000	Luzerne	Kingston
35D9 00A006000	Luzerne	Kingston
35D9 00A006000	Luzerne	Kingston
35D9 00A006000	Luzerne	Kingston
35D9 00A024000	Luzerne	Kingston
35D9 00A06B000	Luzerne	Kingston
35D9 00A24C000	Luzerne	Kingston
35D9 00A24E000	Luzerne	Kingston
35E9 00A017000	Luzerne	Kingston
35E9 00A018000	Luzerne	Kingston
35E9 00A051000	Luzerne	Kingston
35E9 00A055000	Luzerne	Kingston
35E9 00A056000	Luzerne	Kingston
35E9 00A074000	Luzerne	Kingston
35E9 00A075000	Luzerne	Kingston
35E9 00A090000	Luzerne	Kingston
35E9 00A17B000	Luzerne	Kingston
35E9 00A18B000	Luzerne	Kingston
35E9 00A55A000	Luzerne	Kingston
35E9 00A56B000	Luzerne	Kingston
35E9S10 001008000	Luzerne	Kingston
35E9S10 001010000	Luzerne	Kingston
35E9S10 001011000	Luzerne	Kingston
35E9S10 001012000	Luzerne	Kingston
35E9S10 001013000	Luzerne	Kingston
35E9S10 001025000	Luzerne	Kingston
35E9S10 001025000	Luzerne	Kingston
35E9S4 009011000	Luzerne	Kingston
35E9S4 009020000	Luzerne	Kingston
35E9S4 009021000	Luzerne	Kingston
35E9S4 009022000	Luzerne	Kingston

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Date: Wednesday, July 7, 2021 12:12:43 PM

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Signed by: NANCY

WHM CONSULTING, INC

Tracking Number:	**1Z8797VV0395482894**
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Package Weight:	1.0 LBS
Reference Number:	WILLIAMS-20-244, TASK 2C

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March 31, 2021

UPS TRACKING (1Z8797VV039389260)

Kingston Township Supervisors
180 East Center Street
Shavertown, PA 18708

Re: Regional Energy Access Expansion Project– Regional Energy Lateral and Compressor Station 515
Pennsylvania Acts 14, 67, 68, and 127 Notification
Kingston Township, Luzerne County, Pennsylvania

Dear Township Supervisors:

This municipal notice, under the requirements of Act 14, 97 P.S. § 510-5, is to inform you that Transcontinental Gas Pipe Line Company, LLC (Transco), a subsidiary of The Williams Companies, Inc. (Williams) is applying for coverage under the Erosion and Sediment Control General Permit (ESCGP-3) for Earth Disturbance Associated with Oil & Gas Exploration, Production, Processing or Treatment Operations or Transmission Facilities from the Pennsylvania Department of Environmental Protection (DEP).

1) Project Name: Regional Energy Access Expansion Project – Regional Energy Lateral and Compressor Station 515

2) Project Description: Transco, indirectly owned by The Williams Companies, Inc. (Williams), is seeking authorization from the Federal Energy Regulatory Commission (FERC or Commission) under Section 7(c) of the Natural Gas Act and Part 157 of the Commission's regulations, to construct, own, operate, and maintain the proposed Project facilities. The Project is an expansion of Transco's existing natural gas transmission system that will enable Transco to provide an incremental 829,400 dekatherms per day (Dth/d) of year-round firm transportation capacity from the Marcellus Shale production area in northeastern Pennsylvania (PA) to multiple delivery points along Transco's Leidy Line in PA, Transco's mainline at the Station 210 Zone 6 Pooling Point in Mercer County, New Jersey (NJ) and multiple delivery points in Transco's Zone 6 in NJ, PA, and Maryland (MD).

The Regional Energy Lateral component of the Project will consist of approximately 22.3 miles of 30-inch diameter pipeline, partially co-located with existing Transco Leidy Line-A, in Buck, Bear Creek, Plains, Jenkins, Kingston and Dallas Townships, and Laflin, Wyoming, and West Wyoming Boroughs, Luzerne County, Pennsylvania. The Regional Energy Lateral begins at existing Compressor Station 515 in Buck Township and continues westward to its terminus at Transco's existing Hildebrandt Tie-in in Dallas Township. Transco will be installing four mainline valves with appurtenant equipment, as a means to isolate gas flows along the Regional Energy Lateral. The mainline valve sites at each pipeline terminus (MLV515RA10 at Compressor Station 515 and MLV515RA40 at the Hildebrandt Tie-in) will also have pig traps (industry term for manifolds that launch or receive in-line inspection tools). The other two valve sites are proposed along the pipeline route (MLV515RA20 at Milepost 7.5 and MLV515RA30 at Milepost 14.8). Modifications at three existing pipeline interconnects are proposed to tie-in the proposed pipeline to the existing facilities. The Carverton Tie-In is located at Milepost 16.8. The Lower Demunds Tie-In is located at Milepost 22.3 and also includes a +/- 400-ft segment of 20-in pipeline to connect to the existing facility. The Hildebrandt Tie-In is located at the Regional Energy Lateral pipeline terminus and includes MLV515RA40. Two contractor yards are proposed for the Project and are located adjacent to the pipeline. CY-LU-001 is located at Milepost 15.3 and CY-LU-002 is located at Milepost 10.5. Cathodic protection equipment will be installed along the pipeline route. Deep anode ground beds are proposed at Mileposts 7.5 and 19.8, and one remote anode ground bed is proposed at Milepost 15.3.

The existing Compressor Station 515 component of the Project is located at the eastern terminus of the Regional Energy Lateral in Buck Township, Luzerne County. Proposed at this facility is the addition of two gas-fired turbine driven compressor units with 63,742 nominal HP at ISO conditions and modification of three existing compressors to support the Project and to accommodate the abandonment and replacement of approximately 17,000 HP from five existing gas-fired reciprocating engine driven compressors and increase the certificated station compression by 46,742 HP. One Mainline Valve will be installed at this facility (MLV515RA10).

3) Applicant Name: Transcontinental Gas Pipe Line Company, LLC's (Transco), a subsidiary of Williams Partners L.P. (Williams)

4) Applicant Contact: Joseph Dean
Manager, Permitting
2800 Post Oak Blvd, Level 11
Houston, TX 77056
(713) 215-3427

5) Site Location: The proposed Project is located on the Kingston, Pittston, Wilks-Barre East, Pleasant View Summit, Pennsylvania, 7.5 Minute USGS quadrangle. The Project is partially co-located with an existing pipeline right-of-way. The eastern terminus of the Regional Energy Lateral is located at: 41°10'24.037" 75°40'18.141"W, and is also the location of Compressor Station 515. The western pipeline terminus: 41°20'48.869"N, 75°56'46.642"W.

6) Municipality / County: Buck, Bear Creek, Plains, Jenkins, Kingston, and Dallas Townships, Wyoming, West Wyoming, and Laflin Boroughs, Luzerne County

Act 14, which amended the Commonwealth's Administrative Code (71 P.S. § 510-5), requires every applicant for a new, amended, or revised permit to give written notice to each municipality (borough, township) and county government in which the facility is located. The municipality and county government must receive the written notice at least thirty (30) - days before DEP may issue or deny approval of coverage.

Enclosed is a complete copy of the Notice of Intent (NOI) completed for the project as well as copies of the erosion and sediment control plan.

Sincerely,

Ryan J. Nelson, PWS
WHM Consulting, LLC

Enclosures:
NOI Form
Erosion and Sediment Control Plan Drawings

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WHM CONSULTING, INC

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pennsylvania
DEPARTMENT OF ENVIRONMENTAL PROTECTION

COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
OFFICE OF WATER PROGRAMS
OFFICE OF OIL AND GAS MANAGEMENT

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Check Date

NOTICE OF INTENT (NOI) FOR COVERAGE UNDER THE EROSION AND SEDIMENT CONTROL GENERAL PERMIT (ESCGP-3) FOR EARTH DISTURBANCE ASSOCIATED WITH OIL AND GAS EXPLORATION, PRODUCTION, PROCESSING, OR TREATMENT OPERATIONS OR TRANSMISSION FACILITIES

READ THE INSTRUCTIONS PROVIDED IN THIS PERMIT APPLICATION PACKAGE BEFORE COMPLETING THIS FORM. PLEASE PRINT OR TYPE INFORMATION IN BLACK OR BLUE INK.

SECTION A. APPLICATION TYPE

Check one:

NEW ☒ **RENEWAL** ☐ **MAJOR MODIFICATIONS (Provide ESCGP number)** ☐

PHASED ☐ (check only if applicable; *note: Most projects are not submitted as phased projects*)

Check one: EXPEDITED ☐ **STANDARD** ☒

If an Expedited Review Process being requested, be advised that the Expedited Review is not available for all projects. Refer to Section D - Expedited Review Process of the ESCGP-3 NOI Instructions to determine if the project is eligible.

SECTION B. CLIENT INFORMATION

Applicant's Last Name (If applicable)	First Name	MI	Telephone No.
Organization Name or Registered Fictitious Name Transcontinental Gas Pipe Line Company, LLC (Contact: Joseph Dean)			Telephone No. (713) 215-3427
DEP Client ID No.			
Headquarters Mailing Address 2800 Post Oak Blvd, Level 11	City Houston	State TX	ZIP Code 77056
Email Address Joseph.Dean@williams.com			
Co-Applicant's Last Name (If applicable)	First Name	MI	Telephone No.
Organization Name or Registered Fictitious Name			Telephone No.

Address	City	State	ZIP Code
Email Address			

SECTION C. SITE INFORMATION			
Is there an existing ESCGP associated with this site? ☐ Yes ☒ No If yes, Permit No. _____			
Has a well permit application been submitted for this site? ☐ Yes ☒ No If yes, Permit No. _____ Does this site have a 911 address? ☐ Yes ☒ No If yes, provide site location address.			
Site Name Regional Energy Access Expansion Project			
Site Location See Attachment 1-1.1- NOI Supporting Information	Site No. (if another permit has been issued for the site)		
Site Location – City See Attachment 1-1.1- NOI Supporting Information		State PA	ZIP Code
Detailed Written Directions to Site See Attachment 1-1.1- NOI Supporting Information for locations of all project sites			

Primary Location	County	Municipality	City	Boro	Twp.
	Luzerne, Northhampton, Bucks, Chester, and Monroe	Buck, Bear Creek, Plains, Jenkins, Kingston, Lower Mt. Bethel, Ross, Chestnut Hill, Tunkhannock, Lower Makefield, East Whiteland and Dallas Townships Wyoming, West Wyoming, and Laflin Boroughs	☐	☒	☒

SECTION D. EXPEDITED REVIEW	
I. Expedited Review Eligibility	
1. Is any part of the project in the watershed of a surface water with an existing or designated use of exceptional value or high quality pursuant to Chapter 93 (relating to water quality standards), in an exceptional value wetland in accordance with 25 Pa. Code § 105.17, or in the watershed of an impaired surface water where the cause of the impairment is identified as siltation?	☒ Yes ☐ No
2. Will the project in which the well pad will be constructed be in or on a floodplain?	☐ Yes ☒ No
3. Is any earth disturbance located or proposed to be located on land known to be contaminated by the release of regulated substances as defined in Section 103 of Act 2, 35 P.S. § 6026.103?	☐ Yes ☒ No
4. Will naturally occurring geologic formations or soil conditions provide hazards to the project or surrounding environment or have the potential to cause or contribute to pollution when disturbed?	☒ Yes ☐ No
5. Do any unresolved non-compliance issues exist with the applicant or the facility?	☐ Yes ☒ No
6. Is the project a transmission project?	☒ Yes ☐ No

If yes to any of the above questions the project is not eligible for Expedited Review; If the project is eligible for Expedited Review, all the following items must be completed.	
II. Expedited Review Process	
1. Is the technically and administratively complete and accurate NOI package prepared and certified by a licensed professional?	☐ Yes ☐ No
2. Are E&S and PCSM/Site Restoration Plan drawings and narrative prepared and sealed by a licensed professional? *(Include interim restoration details when needed)*	☐ Yes ☐ No
3. Include a Resource Delineation Report and answer the following questions: (If the answer to question a. is "Yes" then skip to #4. If the answer to a. is "No" the applicant must answer "Yes" to at least one of the questions, b. through d. to be eligible for expedited review.)	
a. Were all wetland resources delineated during the growing season?	☐ Yes ☐ No
b. If not during the growing season, was a follow-up visit conducted during the growing season to verify/adjust boundaries and look for potentially missed resources?	☐ Yes ☐ No
c. Was a quality assurance field review conducted at a later date by an independent qualified wetland professional to verify boundaries and look for potentially missed resources? (If yes, attach Quality Assurance Field Review Report)	☐ Yes ☐ No
d. Was a Jurisdictional Determination (JD) or Preliminary JD conducted by the US Army Corps of Engineers on the whole project? (If yes, attach Preliminary or Jurisdictional Determination Report)	☐ Yes ☐ No
4. If applicable, have you included PNDI clearance letters or other documentation from applicable resource agencies?	☐ Yes ☐ No
5. If the project site contains, is along, or within 100 feet of a river, stream, creek, lake, pond or reservoir, will you establish new or preserve existing riparian forest buffer at least 100 feet in width between the top of streambank or normal pool elevation of a lake, pond or reservoir and areas of earth disturbances. If no, will a waiver be obtained? ☐ Yes ☐ No	☐ Yes ☐ No
6. Name of Licensed Professional Company	
Address	
Phone	

SECTION E. PROJECT INFORMATION			
1. Total Project Area/Project Site (Ac):	1,346 (Also see Attachment 1-1.1)	Total Disturbed Area (Ac):	689.8 (Also see Attachment 1-1.1)
Increased disturbed acreage *(for permit modification only)*			
Fee: ***(For additional information regarding fees, refer to NOI Instructions #3 Permit NOI Filing Fees.)***			$ $500 (Filing Fee), $69,000 (Disturbed Acre Fee)
2. Project Name: Regional Energy Access Expansion Project			

3. Project Type (Check all that apply)

- ☐ Oil/Gas Well [1]
- ☐ Gathering Facility
- ☐ Treatment Facility
- ☒ Compressor Station
- ☒ Pipeline
- ☐ Storage Field Facility
- ☐ Other
- ☒ Transmission Facility
- ☐ Processing Facility
- ☐ Well Development Impoundment
- ☐ Non-FERC regulated Transmission Facility
- ☐ Ground/Surface Water Withdrawal Site

[1] If Oil/Gas Well; is the well conventional or unconventional? ☐ Conventional ☐ Unconventional

Project Description

Transco, indirectly owned by The Williams Companies, Inc. (Williams), is seeking authorization from the Federal Energy Regulatory Commission (FERC or Commission) under Section 7(c) of the Natural Gas Act and Part 157 of the Commission's regulations, to construct, own, operate, and maintain the proposed Project facilities

The Project is an expansion of Transco's existing natural gas transmission system that will enable Transco to provide an incremental 829,400 dekatherms per day (Dth/d) of year-round firm transportation capacity from the Marcellus Shale production area in northeastern Pennsylvania (PA) to multiple delivery points along Transco's Leidy Line in PA, Transco's mainline at the Station 210 Zone 6 Pooling Point in Mercer County, New Jersey (NJ) and multiple delivery points in Transco's Zone 6 in NJ, PA, and Maryland (MD). The Project will consist of the following components:
•Approximately 22.3 miles of 30-inch-diameter pipeline partially collocated with Transco's Leidy Line A from milepost (MP) 0.00 to MP 22.32 in Luzerne County, PA (Regional Energy Lateral);
• Approximately 13.8 miles of 42-inch-diameter pipeline collocated with Transco's Leidy Line System from MP 43.72 to MP 57.50 in Monroe County, PA (Effort Loop);
• New gas-fired turbine driven compressor station identified as Compressor Station 201 with 11,107 nominal horsepower (HP) at International Organization of Standardization (ISO) conditions in Gloucester County, NJ;
• Addition of two gas-fired turbine driven compressor units with 31,800 nominal HP at ISO conditions at existing Compressor Station 505 in Somerset County, NJ, to accommodate the abandonment and replacement of approximately 16,000 HP from eight existing internal combustion engine-driven compressor units and increase the certificated station compression by 15,800 HP;
• Addition of two gas-fired turbine driven compressor units with 63,742 nominal HP at ISO conditions and modification of three existing compressors at existing Compressor Station 515 in Luzerne County, PA to support the Project and to accommodate the abandonment and replacement of approximately 17,000 HP from five existing gas-fired reciprocating engine driven compressors and increase the certificated station compression by 46,742 HP;
• Uprate and rewheel two existing electric motor-driven compressor units at existing Compressor Station 195 in York County, PA to increase the certificated station compression by 5,000 HP and accommodate the abandonment of two existing gas-fired reciprocating engine driven compressors which total approximately 8,000 HP of compression;
•Modifications at existing Compressor Station 200 in Chester County, PA;
•Uprate one existing electric motor-driven compressor unit at Compressor Station 207 in Middlesex County, NJ to increase the certificated station compression by 4,100 HP;
• Modifications to three (3) existing pipeline tie-ins in PA (Hildebrandt Tie-in, Lower Demunds REL Tie-in, and Carverton Tie-in);
•Addition of regulation controls at an existing valve setting on Transco's Mainline "A" in Bucks County, PA (Mainline A Regulator);
•Modifications at the existing Delaware River Regulator in Northampton County, PA;
•Modifications at the existing Centerville Regulator in Somerset County, NJ;
•Modifications to the existing valves and piping at the Princeton Junction (Station 210 Pooling Point) in Mercer County, NJ;
• Modifications to three (3) existing delivery meter stations in NJ (Camden M&R Station, Lawnside M&R Station, and Mt. Laurel M&R Station);
•Modifications to one (1) existing delivery meter station in MD (Beaver Dam M&R Station);
•Contractual changes (no modifications) at ten (10) existing delivery meter stations in PA and NJ (Algonquin-Centerville Meter Station, Post Road Meter Station, New Village Meter Station, Spruce Run Meter Station, Marcus Hook Meter Station, Ivyland Meter Station, Repaupo Meter Station, Morgan Meter Station, Lower Mud Run Meter Station, and Chesterfield Meter Station);
• Additional ancillary facilities, such as mainline valves (MLVs), cathodic protection, communication facilities, and internal inspection device (e.g., pig) launchers and receivers in PA; and
• Existing, improved, and new access roads and contractor yards/staging areas in PA, NJ, and MD.
Provide the date of pre-application meeting (if conducted with the Department) 04/27/20, 07/09/20, 09/04/20, 09/30/20, 12/15/20, 12/16/20, 01/06/21, 02/05/21

4. Provide the latitude and longitude coordinates for the center of the project. The coordinates should be in Decimal degrees and North American Datum 1983. The coordinates must meet the current DEP policy regarding locational accuracy. For linear projects provide the project's termini. See Attachment 1-1.1

Latitude (DD) . Longitude (DD) - .

Latitude (DD) . Longitude (DD) - .

Horizontal Collection Method: ☐ GPS ☒ Interpolated from U.S.G.S. Topographic Map ☐ DEP's eMAP

5. U.S.G.S. 7.5 min. topographic quadrangle Name (See Attachment 1-1.1)
(*Include a copy of the project area on the 7.5 min quad map)*

6. Will the project be conducted as a phased permit project? ☐ Yes ☒ No
If Yes, Include Master Site Plan Estimated Timetable for Phased Projects. ☐ Additional sheet(s) attached.

Phase No. or Name	Description	Total Area	Disturbed Area	Start Date	End Date

7. List existing and previous land use for a minimum of the previous 5 years. (See Section 2 of this ESCGP-3 Application)

8. Other Pollutants: Will the stormwater discharge contain pollutional substances other than sediment? ☐ Yes ☒ No

9. Will fuels, chemicals, solvents, other hazardous waste or materials be used or stored on site during earth disturbance activities or will Horizontal Directional Drilling (HDD) activities be conducted?
Yes ☒ No ☐ ***(If yes, Preparedness, Prevention and Contingency (PPC) Plan must be maintained on site during earth disturbance. See NOI Instructions, E.9 PPC Plan Guidance for further information.)***

10. Is the project in the watershed of an impaired surface water where the cause of the impairment is identified as siltation?
Yes ☒ No ☐ (See Section 2-5 of this ESCGP-3 Application) ***(If yes, show how the project will not result in a net change in volume, rate or water quality. See section I below, and E.10 of NOI instructions.)***

11. Are there potentially hazardous naturally occurring geological or soil conditions in any portion of the project or surrounding area? Yes ☒ No ☐

If yes, do the potentially hazardous geologic or soil conditions have the potential to cause or contribute to pollution as a result of the proposed earth disturbance activities?

If no, provide an explanation.

If yes, Geologic Hazard Mitigation Plan must be attached and explain where in this application details are provided.

12. Has the Act 14 Municipal Notification and proof of receipt of notification been attached to the NOI?
Yes ☒ No ☐ ***(If not, the NOI is not complete, see E.12 and #4 Municipal Notification in the NOI Instructions for additional guidance.)***

13. Has the PNDI receipt been attached to the NOI?
Yes ☒ No ☐ ***(If not, the NOI is not complete, see E.13 and #5 PNHP in the NOI Instructions for additional guidance.)***

14. Have the E&S Plan and PCSM/SR Plan been planned and designed to be consistent?
Yes ☒ No ☐

15. Have existing and/or proposed Riparian Forest Buffers been identified?
Yes ☒ N/A ☐ ***(If yes, they must be shown on the E&S Plan as well as the PCSM/SR Plans.)***

16. Have antidegradation implementation requirements for special protection waters been addressed?
Yes ☒ No ☐ N/A ☐ ***(If yes, antidegradation requirements must be included in the plan.)***

17. Has the seasonal high groundwater level been identified and 20-inch separation established at all excavation locations for pits for conventional operations and Well Development Impoundments for unconventional operations?

    Yes ☐ No ☐ N/A ☒

18. Receiving Waters	Chapter 93, Designated Use Stream Classification	Chapter 93, Existing Use Stream Classification
Effort Loop- Lake Creek (HQ-CWF,MF) Princess Run (CWF,MF) Weir Creek (CWF,MF) McMichael Creek (EV, MF) and (HQ-CWF) Pohopoco Creek (CWF,MF) Sugar Hollow Creek (CWF,MF) Poplar Creek (EV,CWF,MF) Mud Run (HQ-CWF, MF) Mud Pond Run (HQ-CWF,EV,MF) Tunkhannock Creek (HQ-CWF,MF) Regional Energy Lateral- Stony Run (HQ-CWF,MF) Shades Creek (HQ-CWF,MF) Little Shades Creek (HQ-CWF,MF) Snider Run (HQ-CWF,MF) Meadow Run (HQ-CWF,MF) Bear Creek (HQ-CWF,MF) Little Bear Creek (HQ-CWF,MF) Mill Creek (CWF,MF) Gardner Creek (CWF,MF) Susquehanna River (WWF,MF) Abrahams Creek (CWF,MF) Toby Creek (CWF,MF) Trout Brook (CWF,MF) Compressor Station 515- Shades Creek (HQ-CWF,MF) Stony Run (HQ-CWF,MF) Compressor Station 200- Valley Creek (EV,MF) Delaware River Regulator- Mud Run (CWF, MF) Mainline "A" Regulator - Dyers Creek (WWF,MF) See Attachment 1-1.1 for detailed list.	☒ HQ ☒ EV ☒ Other CWF, MF, WWF ☒ Siltation-impaired	☐ HQ ☒ EV ☒ Other MF ☐ Siltation-impaired
	☐ HQ ☐ EV ☐ Other _____ ☐ Siltation-impaired	☐ HQ ☐ EV ☐ Other _____ ☐ Siltation-impaired

	☐ HQ ☐ EV ☐ Other _____ ☐ Siltation-impaired ☐ HQ ☐ EV ☐ Other _____ ☐ Siltation-impaired	☐ HQ ☐ EV ☐ Other _____ ☐ Siltation-impaired ☐ HQ ☐ EV ☐ Other _____ ☐ Siltation-impaired
Secondary Receiving Water	Secondary Chapter 93, Designated Use	Secondary Existing Use
Name of Municipal or Private Separate Storm Sewer Operator, if applicable.		
Non-Surface Receiving Water: (include off-site discharges)		

SECTION F. EROSION AND SEDIMENT CONTROL (E&S) PLAN

See the attached Instructions for additional guidance with E&S Plans

Erosion and Sediment Control Plan BMPs should be designed to minimize accelerated erosion and sedimentation through limiting the extent and duration of earth disturbance, protection of existing drainage and vegetation, limiting soil compaction and controlling the generation of increased runoff. The Department recommends the use of the *Pennsylvania Erosion & Sedimentation Pollution Control Program Manual (E&S Manual)* (363-2134-008) to achieve this goal. The E&S Plan must meet the requirements of Pa. Code § 102.4(b) and submitted with the NOI. Also, see section 2. of the NOI instruction for detailed information on completing the E&S plan and additional requirements.

a. E&S Plan Summary

Provide a summary of proposed E&S BMPs and their performance to manage E&S for the project.

Typical BMPs provided along the pipeline Right-Of-Way includes waterbars, trench plugs, compost filter socks, compost sediment traps, rock filter outlets, erosion control blankets, rock construction entrances, temporary equipment bridges, timber mats, diversion channels, level spreaders, mulch and seed. An appropraite sediment removal device (filter bag, dewatering structure) and well-vegetated area will be utilized for trench dewatering. In HQ, EV watersheds, appropriate Antidegradation Best Available Combination of Technologies (ABACT) BMPs will be utilized. Additional information regarding all the proposed BMPs are provided in the Erosion and Sedimentation Control and Site Restoration Plans of respective project components (Section 2 of this ESCGP-3 Application).

b. E&S Plan BMP Design

Check those that apply:

☒ E&S Plan is designed using BMPs in the *E&S Manual*.

☐ E&S Plan is designed using an alternative BMP or design standard approved by DEP.

Note: NOI packages submitted with alternate BMPs not approved by the Department will be returned to the Applicant.

c. Do you have any information regarding riparian buffer which differs from Section G, Riparian Buffer?

Yes ☐ No ☒

Explain:

d. Thermal Impacts Analysis

Explain how thermal impacts associated with this project were avoided, minimized, or mitigated.

Thermal impacts associated with Regional Energy Access Expansion Project will be avoided to the maximum extent possible. Minimum permanent changes in land cover are being proposed for constructing the pipeline facilities. Runoff from impervious areas added during the project will be suitably routed to Stormwater BMPs. Gravel will be used for access roads wherever practicable. To avoid thermal impacts arising from clearing and grading, removal of vegetation will be limited to only that necessary for construction and construction Right-Of-Way will be limited to 75 feet in wetlands and floodways where practical. Once construction activities are complete, disturbed areas will be restored to pre-construction contours and seeded as described in Erosion and Sediment Control and Site Restoration Plans. Temporary workspaces will be restored back with woody and herbaceous species. Thermal impacts assessments corresponding to each project component including pipelines and aboveground facilities are given in Section 2 and 3 of this ESCGP-3 Application.

e. Off-Site Discharge Analysis

Does the activity propose any off-site discharges to areas other than surface waters? ☒ Yes ☐ No

If yes, it is the applicant's responsibility to ensure that they have legal authority for any off-site discharge to neighboring properties.

The applicant must provide a demonstration in both E&S and PCSM/SR plans that the discharge will not cause erosion, damage, or a nuisance to off-site properties.

See Offsite Discharge Analysis Sections in E&S Narratives

SECTION G. RIPARIAN BUFFER

1. Will you be protecting, converting or establishing a voluntary riparian forest buffer as part of this project?
   ☐ Yes ☒ No
   If yes, as part of the PCSM/SR Plan, provide a Buffer Management Plan.
2. Will proposed earth disturbance activities be conducted in an EV or HQ watershed AND within 150 feet of a perennial or intermittent river, stream, or creek, or lake, pond, or reservoir? ☒ Yes ☐ No

   If no, proceed to the next section/module.
3. Does this project qualify for an exception (see § 102.14(d)(1))? ☒ Yes ☐ No

   If yes, indicate below the type of project for which the exception applies by marking the appropriate box.

   ☐ Oil and gas activities for which site reclamation or restoration is part of the permit authorization in Chapter 78 and 78a.

   ☒ Road maintenance activities.

   ☐ The repair or maintenance of existing pipelines and utilities.

   ☐ Other (see §102.14(d)(1))

   If exceptions are checked, explain how existing riparian buffer will be undisturbed to the extent practicable. Provide a demonstration that the requirements of §102.14(b) are met, or provide the necessary information to request a riparian buffer waiver.
4. Are you requesting a riparian buffer waiver for this project (see § 102.14(d)(2))? ☒ Yes ☐ No

   If yes, indicate below the type of project for which you are requesting a waiver by marking the appropriate box.

   ☒ Linear project that may include pipelines, public roadways, rail lines, or utility lines.

   ☒ Project is of a temporary nature where the site will be fully restored to its preexisting conditions during the ESCGP permit term.

   ☒ Project where compliance with mandatory riparian buffers is not appropriate or feasible due to site characteristics or existing structures at the project site.

   ☐ Other (see §102.14(d)(2)):

   If waivers are checked, explain how existing riparian buffers will be undisturbed to the extent practicable.

   Note: If “Yes” to #2 **AND** “No” to #3 and #4, provide an attachment to demonstrate how the requirements of §102.14 are met.

SECTION H. POST CONSTRUCTION STORMWATER MANAGEMENT (PCSM) AND/OR SITE RESTORATION(SR) PLAN

See NOI Instructions for additional guidance with PCSM Plans

PCSM/SR BMPs should be designed to use natural measures to eliminate pollution, infiltrate runoff, not require extensive construction/maintenance, promote pollutant reduction, and preserve the integrity of stream channels. All PCSM/SR BMPs proposed in the PCSM/SR Plan must be designed in accordance with Ch. 102, Ch. 78a for unconventional operations, Ch. 78 for conventional operations and the *Pennsylvania Stormwater Best Management Practices Manual (Stormwater BMP Manual)* (363-0300-002). If alternate design criteria are utilized for the proposed project, they must have prior approval by the Department, or the NOI Application will be returned to the Applicant.

After construction is completed, how much of the entire disturbed area will be restored to meadow in good condition or better, or existing conditions? ☐ All ☒ Partial ☐ None

Include PCSM narrative and drawings for remaining impervious area. Also include a map showing the proposed contours of the site restoration plan.

If there are additional stages of the project prior to permit termination or expiration, list the stages and provide the documents required by subsection 'a' to section 'g' for each stage (e.g. partial restoration or changes to the amount of compacted areas, gravel, and/or impervious areas). Upload a narrative for each additional stage in addition to the drawings.

EXAMPLE

Stage No	Stage Name	PCSM Plan	SR Plan
Stage 1		☐	☐
Stage 2		☐	☐
Stage 3		☐	☐
Stage 4		☐	☐

Act 167 Consistency. Check those that apply.

Is there an Act 167 Plan? ☒ Yes ☐ No

☒ The attached PCSM/SR Plan is consistent with an applicable approved Act 167 Plan.

Complete the following for all approved Act 167 Stormwater Management Plans. (Use additional sheets if necessary)

Act 167 Plan Name	Date Adopted	Consistency Letter Included	
Luzerne County Stormwater Management Ordinance	August 18, 2010	Verification Report Included	☒
Valley Creek Watershed Stormwater Management Plan	February 04, 2011		

Note: A consistency letter is not required if a verification report is provided. See NOI Instructions. The PCSM/SR Plan must satisfy either sub paragraph 1, 2, or 3 below. Check those that apply.

1. ☒ Act 167 Plan approvals on or after January 2005 – The attached PCSM/SR Plan, in its entirety, is consistent with all requirements pertaining to rate, volume, and water quality from an Act 167 Stormwater Management Plan approved by DEP on or after January 2005. Box 1 must be checked if a current, DEP approved Act 167 plan exists.

2. ☒ The PCSM/SR Plan meets the standard design criteria from sections 102.8(g)(2) and (3) and the *Stormwater BMP Manual*. For projects involving oil and gas activities authorized by a permit issued under Chapter 78 or Chapter 78a (well pads) or pipelines and other similar utility infrastructure, post construction stormwater management requirements are met for all areas that are restored to preconstruction conditions or to a condition of meadow in good condition or better. *[Note: PCSM plans must meet both the volume and rate requirements in the regulations, which are provided in the 2 sections mentioned in this paragraph].*

3. ☐ Alternative Design Standard – The attached PCSM/SR Plan was developed using approaches as provided in 102.8(g)(2)(iv) and 102.8(g)(3)(iii). Demonstrate/explain in the space provided below how this standard will be either more protective than what is required in 102.8(g)(2) and 102.8(g)(3) or will maintain and protect existing water quality and existing and designated uses.

PCSM/SR BMP Alternative Standards:

Has the alternative BMP or design standard been approved by the Department?

☐ Yes

☐ No – Do not submit the ESCGP-3 application and see Section (H) of the NOI Instructions concerning the alternative BMP approval process.

Water Quality Compliance:

Does the PCSM/SR plan comply with requirements for volume control? ☒ Yes ☐ No

If yes, is at least 90% of the disturbed area controlled by a PCSM BMP? ☒ Yes ☐ No

If yes, do you have the Standard PCSM Worksheet # 10 attached to show water quality compliance has achieved?
☒ Yes ☐ No

If no, attach Standard PCSM Worksheets # 12 and #13 to show water quality compliance has achieved.

If PCSM/SR plan is not complying with the requirements for volume control, attach Standard PCSM Worksheets # 11, # 12 and #13 to show water quality compliance has achieved.

a. PCSM/SR Plan Summary

Provide a summary of proposed BMPs and their performance to manage PCSM/SR for the project.

Along the pipeline Right-Of-Way, typical E&S BMPs such as waterbars and erosion control blanket will be left in place as part of site restoration. After construction activities are completed, temporary workspaces will be restored to meadow in good condition or better than existing conditions. For the aboveground facilities, PCSM BMPs such as infiltration basins, diversion channels and vegetated swales will be used and left in place as part of site restoration. Additional information regarding all the proposed BMPs are provided in the Post-Construction Stormwater Management Plans of respective project components (Section 3 of this ESCGP-3 Application).

Check all that apply ☒ PCSM BMPs ☒ SR BMPs

b. Do you have any information regarding riparian buffer which differs from what was submitted in the Section G, Riparian Buffer?

☐ Yes ☒ No

Explain:

c. Thermal Impacts Analysis

Explain how thermal impacts associated with this project were avoided, minimized, or mitigated.

Runoff collected in PCSM BMPS such as infiltration basins will mitigate thermal impacts from post construction stormwater. Runoff collected in infiltration basins are discharged to receiving waters are not expected to be retained for more than 24 hours. Minimum permanent changes in land cover are being proposed for constructing the pipeline facilities. Gravel will be used for access roads wherever practicable. Removal of trees and riparian vegetation and addition of impervious surfaces will be limited to only that necessary for construction. Once construction activities are complete, disturbed areas will be restored to pre-construction contours and seeded as described in Erosion and Sedimental Control and Site Restoration Plans. Temporary workspaces will be restored back with woody and herbaceous species. Thermal impacts assessments correspoding to each project component including pipelines and aboveground facilities are given in Section 2 and 3 of this ESCGP-3 Application.

d. Off-Site Discharge Analysis.

Does the activity propose any off-site discharges to areas other than surface waters? ☒ Yes ☐ No

If yes, it is the applicant's responsibility to ensure that they have legal authority for any off-site discharge to neighboring properties.

The Applicant must provide a demonstration in both the E&S and PCSM/SR Plans that the discharge will not cause erosion, damage, or a nuisance to off-site properties.

See Offsite Discharge Analysis Sections in PCSM Narratives

NOI Section H. POST CONSTRUCTION STORMWATER MANAGEMENT (PCSM) PLANS

Summary Calculations of Post Construction Stormwater BMPs

1. Regional Energy Lateral Pipeline - MLV-515RA20
2. Regional Energy Lateral Pipeline - MLV-515RA30
3. Regional Energy Lateral Pipeline - Carverton Tie-in
4. Regional Energy Lateral Pipeline - Lower Demunds REL Tie-in
5. Regional Energy Lateral Pipeline – Hildebrandt Tie-in/MLV-515RA40
6. Effort Loop Pipeline - MLV-505LD86
7. Compressor Station 200
8. Compressor Station 515

NOTICE OF INTENT (NOI) FOR COVERAGE UNDER THE EROSION AND SEDIMENT CONTROL GENERAL PERMIT (ESCGP-3) FOR EARTH DISTURBANCE ASSOCIATED WITH OIL AND GAS EXPLORATION, PRODUCTION, PROCESSING, OR TREATMENT OPERATIONS OR TRANSMISSION FACILITIES

TABLES IN ADDENDUM OF NOI

SECTION H. POST CONSTRUCTION STORMWATER MANAGEMENT (PLAN) BMPs

Regional Energy Lateral Pipeline - MLV-515RA20 - Zenker Valve Yard

e. Summary Table for Supporting Calculation and Measurement Data
(See NOI Instructions for additional guidance with this section)

The remainder of this section (Summary Table for Calculation and Measurement Data) does not need to be completed for areas of projects involving oil and gas activities authorized by Chapter 78 or Chapter 78a (well pads) or pipelines and other similar utility infrastructure which will be restored to meadow in good condition or better or existing conditions.

Watershed Name: Mill Creek

Volume Control design storm frequency 2-year Rainfall amount 2.95 inches	Pre-construction	Post Construction	Net Change
Impervious area (acres)	0.00	0.19	+0.19
Volume of stormwater runoff (acre-feet) without planned stormwater BMPs	0.04	0.06	+0.02
Volume of stormwater runoff (acre-feet) with planned stormwater BMPs		0.03	-0.01
Stormwater discharge rate for the design frequency storm	Pre-construction	Post Construction	Net Change
1) 2-Year/24-Hour	3.51	3.22	-0.29
2) 10-Year/24-Hour	6.82	6.17	-0.65
3) 50-year/24-Hour	11.88	11.12	-0.76
4) 100-year/24-Hour	14.91	14.91	-0.00

f. Summary Description of PCSM/SR BMPs

In the lists below, check the BMPs identified in the PCSM Plan. The primary function(s) of the BMP listed in the functions column (infiltration/recharge; detention/retention; water quality). Additional functions may be added if applicable to that BMP. List the stormwater volume and area of runoff to be treated by each BMP type when calculations are required. If any BMP in the PCSM/SR Plan is not listed below, describe it in the space provided after "Other". A summary table with infiltration testing information (Attachment E, included in the NOI Instructions) must be submitted for all Bio-infiltration BMPs included in PCSM/SR plan.

For Rate control provide the volume of stormwater treated and acres treated for the 100-year/24-hour storm event.

For volume control and water quality provide the volume of stormwater treated and acres treated for the 2-year/24-hour storm event.

Key for BMP purpose(s): VC = Volume Control; RC = Rate Control; and WQ = Water Quality

BMP	Function(s)	Purpose(s)	Volume of stormwater treated	Acres treated
Site Restoration ONLY				
☐ Restore Site to Meadow in Good Condition or Better, or Existing Conditions	Infiltration/Recharge Detention/WQ Treatment	☐ VC ☐ RC ☐ WQ	_____	_____
Bio-infiltration areas	Infiltration/Recharge			
☐ Infiltration Trench		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Infiltration Bed		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Infiltration Basin		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Rain Garden/ Bioretention		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Infiltration Berm				
☐ Vegetated Swale		☐ VC ☐ RC ☐ WQ	_____	_____
Natural Area Conservation	Infiltration/Recharge			
☐ Streamside Buffer Zone		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Wetland Buffer Zone		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Sensitive Area Buffer Zone		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Pre-Construction Drainage Pattern Intact		☐ VC ☐ RC ☐ WQ	_____	_____
Stormwater Retention	Detention/Retention			
☐ Constructed Wetlands		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Wet Ponds		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Retention Basin		☐ VC ☐ RC ☐ WQ	_____	_____
Sediment and Pollutant Removal	Water Quality Treatment			
☐ Vegetated Filter Strips		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Compost Filter Sock		☐ VC ☐ RC ☐ WQ	_____	_____
☒ Detention Basins		☒ VC ☒ RC ☒ WQ	1,396cf(2-yr); 6,186cf(100-yr)	0.28
Access Road Design	Infiltration/Recharge			
☐ Road Crowning		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Ditches		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Turnouts		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Culverts		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Roadside Vegetated Filter Strips		☐ VC ☐ RC ☐ WQ	_____	_____

Stormwater Energy Dissipaters	Infiltration/Recharge			
☐ Level Spreaders		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Riprap Aprons		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Upslope Diversions		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Other_____		☐ VC ☐ RC ☐ WQ	_____	_____

g. Critical PCSM Plan stages

Identify and list critical stages of implementation of the PCSM Plan for which a licensed professional or designee shall be present on site.

1. Upon commencement of construction activities to ascertain the Dry Extended Detention Basin area has been flagged and fence erected to prevent access to the area.

2. At completion of Diversion Channels to ensure they have been constructed to the proposed lines and grades, the specified lining materials have been installed in accordance with the requirements of the plans and specifications, and if applicable, vegetation has been established.

3. At the beginning of construction of the Dry Extended Detention Basin to ensure the infiltration area has not been compacted by construction activities.

4. During construction of the Dry Extended Detention Basin the licensed professional will observe that the BMP is constructed in accordance with the plans and specifications.

5. At completion of Collection Channel C1 to ensure it has been constructed to the proposed line and grade, the specified lining material has been installed in accordance with the requirements of the plans and specifications, and if applicable, vegetation has been established.

6. Following installation of the Valve Yard Pad subgrade to ensure stormwater flow is directed to Collection Channel C1.

7. For final inspection of constructed BMPs.

8. At the establishment of hard surface stabilization or 70% vegetation covers to allow removal of E&S controls.

NOTICE OF INTENT (NOI) FOR COVERAGE UNDER THE EROSION AND SEDIMENT CONTROL GENERAL PERMIT (ESCGP-3) FOR EARTH DISTURBANCE ASSOCIATED WITH OIL AND GAS EXPLORATION, PRODUCTION, PROCESSING, OR TREATMENT OPERATIONS OR TRANSMISSION FACILITIES

TABLES IN ADDENDUM OF NOI

SECTION H. POST CONSTRUCTION STORMWATER MANAGEMENT (PLAN) BMPs

Regional Energy Lateral Pipeline - MLV-515RA30 - Wyoming Valve Yard

b. Summary Table for Supporting Calculation and Measurement Data

(See NOI Instructions for additional guidance with this section)

The remainder of this section (Summary Table for Calculation and Measurement Data) does not need to be completed for areas of projects involving oil and gas activities authorized by Chapter 78 or Chapter 78a (well pads) or pipelines and other similar utility infrastructure which will be restored to meadow in good condition or better or existing conditions.

Watershed Name: Susquehanna-Solomon Creek

Volume Control design storm frequency 2-year Rainfall amount 2.57 inches	Pre-construction	Post Construction	Net Change
Impervious area (acres)	0.00	0.24	+0.24
Volume of stormwater runoff (acre-feet) without planned stormwater BMPs	0.03	0.06	+0.03
Volume of stormwater runoff (acre-feet) with planned stormwater BMPs	[redacted]	0.03	-0.00
Stormwater discharge rate for the design frequency storm	Pre-construction	Post Construction	Net Change
1) 2-Year/24-Hour	0.22	0.02	-0.20
2) 10-Year/24-Hour	0.68	0.03	-0.65
3) 50-year/24-Hour	1.52	0.06	-1.46
4) 100-year/24-Hour	2.06	0.07	-1.99

c. Summary Description of PCSM/SR BMPs

In the lists below, check the BMPs identified in the PCSM Plan. The primary function(s) of the BMP listed in the functions column (infiltration/recharge; detention/retention; water quality). Additional functions may be added if applicable to that BMP. List the stormwater volume and area of runoff to be treated by each BMP type when calculations are required. If any BMP in the PCSM/SR Plan is not listed below, describe it in the space provided after "Other". A summary table with infiltration testing information (Attachment E, included in the NOI Instructions) must be submitted for all Bio-infiltration BMPs included in PCSM/SR plan.

For Rate control provide the volume of stormwater treated and acres treated for the 100-year/24-hour storm event.

For volume control and water quality provide the volume of stormwater treated and acres treated for the 2-year/24-hour storm event.

Key for BMP purpose(s): VC = Volume Control; RC = Rate Control; and WQ = Water Quality

BMP	Function(s)	Purpose(s)	Volume of stormwater treated	Acres treated
Site Restoration ONLY				
☐ Restore Site to Meadow in Good Condition or Better, or Existing Conditions	Infiltration/Recharge Detention/WQ Treatment	☐ VC ☐ RC ☐ WQ	_____	_____
Bio-infiltration areas	Infiltration/Recharge			
☐ Infiltration Trench		☐ VC ☐ RC ☐ WQ	_____	_____
☒ Infiltration Bed		☒ VC ☒ RC ☒ WQ	451cf(2-yr); 2,511cf(100-yr)	0.21
☐ Infiltration Basin		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Rain Garden/ Bioretention		☐ VC ☐ RC ☐ WQ	_____	
☐ Infiltration Berm		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Soil Amendment		☐ VC ☐ RC ☐ WQ	_____	_____
Natural Area Conservation	Infiltration/Recharge			
☐ Streamside Buffer Zone		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Wetland Buffer Zone		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Sensitive Area Buffer Zone		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Pre-Construction Drainage Pattern Intact		☐ VC ☐ RC ☐ WQ	_____	_____
Stormwater Retention	Detention/Retention			
☐ Constructed Wetlands		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Wet Ponds		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Retention Basin		☐ VC ☐ RC ☐ WQ	_____	_____
Sediment and Pollutant Removal	Water Quality Treatment			
☐ Vegetated Filter Strips		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Compost Filter Sock		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Detention Basins		☐ VC ☐ RC ☐ WQ	_____	_____
Access Road Design	Infiltration/Recharge			
☐ Road Crowning		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Ditches		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Turnouts		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Culverts		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Roadside Vegetated Filter Strips		☐ VC ☐ RC ☐ WQ	_____	_____

Stormwater Energy Dissipaters ☐ Level Spreaders ☐ Riprap Aprons ☐ Upslope Diversions ☒ OtherVegetated Swale	Infiltration/Recharge	☐ VC ☐ RC ☐ WQ ☐ VC ☐ RC ☐ WQ ☐ VC ☐ RC ☐ WQ ☒ VC ☒ RC ☒ WQ	_____ _____ _____ 1,009cf(2-yr); 4,264cf(100-yr)	_____ _____ _____ 0.49

d. Critical PCSM Plan stages

Identify and list critical stages of implementation of the PCSM Plan for which a licensed professional or designee shall be present on site.

1. Upon commencement of construction activities to ascertain the Vegetated Swale area has been flagged and fence erected to prevent access to the area.
2. At the beginning of construction of the Vegetated Swale to ensure the infiltration area has not been compacted by construction activities.
3. During construction of the Vegetated Swale the licensed professional will observe that the BMP is constructed in accordance with the plans and specifications.
4. At completion of Collection Channel C1 to ensure it has been constructed to the proposed line and grade, the specified lining material has been installed in accordance with the requirements of the plans and specifications, and if applicable, vegetation has been established.
5. Following installation of the Valve Yard Pad subgrade to ensure stormwater flow is directed to the infiltration berm.
6. For final inspection of constructed BMPs.
7. At the establishment of hard surface stabilization or 70% vegetation covers to allow removal of E&S controls.

NOTICE OF INTENT (NOI) FOR COVERAGE UNDER THE EROSION AND SEDIMENT CONTROL GENERAL PERMIT (ESCGP-3) FOR EARTH DISTURBANCE ASSOCIATED WITH OIL AND GAS EXPLORATION, PRODUCTION, PROCESSING, OR TREATMENT OPERATIONS OR TRANSMISSION FACILITIES

TABLES IN ADDENDUM OF NOI

SECTION H. POST CONSTRUCTION STORMWATER MANAGEMENT (PLAN) BMPs

Regional Energy Lateral Pipeline - Carverton Tie-In

b. Summary Table for Supporting Calculation and Measurement Data

(See NOI Instructions for additional guidance with this section)

The remainder of this section (Summary Table for Calculation and Measurement Data) does not need to be completed for areas of projects involving oil and gas activities authorized by Chapter 78 or Chapter 78a (well pads) or pipelines and other similar utility infrastructure which will be restored to meadow in good condition or better or existing conditions.

Watershed Name: Abrahams Creek

Volume Control design storm frequency 2-year Rainfall amount 2.61 inches	Pre-construction	Post Construction	Net Change
Impervious area (acres)	0.03	0.11	+0.08
Volume of stormwater runoff (acre-feet) without planned stormwater BMPs	0.02	0.03	+0.01
Volume of stormwater runoff (acre-feet) with planned stormwater BMPs	[redacted]	0.00	-0.02
Stormwater discharge rate for the design frequency storm	Pre-construction	Post Construction	Net Change
1) 2-Year/24-Hour	0.46	0.00	-0.46
2) 10-Year/24-Hour	0.91	0.00	-0.91
3) 50-year/24-Hour	1.61	0.00	-1.61
4) 100-year/24-Hour	2.01	0.00	-2.01

c. Summary Description of PCSM/SR BMPs

In the lists below, check the BMPs identified in the PCSM Plan. The primary function(s) of the BMP listed in the functions column (infiltration/recharge; detention/retention; water quality). Additional functions may be added if applicable to that BMP. List the stormwater volume and area of runoff to be treated by each BMP type when calculations are required. If any BMP in the PCSM/SR Plan is not listed below, describe it in the space provided after "Other". A summary table with infiltration testing information (Attachment E, included in the NOI Instructions) must be submitted for all Bio-infiltration BMPs included in PCSM/SR plan.

For Rate control provide the volume of stormwater treated and acres treated for the 100-year/24-hour storm event.

For volume control and water quality provide the volume of stormwater treated and acres treated for the 2-year/24-hour storm event.

Key for BMP purpose(s): VC = Volume Control; RC = Rate Control; and WQ = Water Quality

BMP	Function(s)	Purpose(s)	Volume of stormwater treated	Acres treated
Site Restoration ONLY				
☐ Restore Site to Meadow in Good Condition or Better, or Existing Conditions	Infiltration/Recharge Detention/WQ Treatment	☐ VC ☐ RC ☐ WQ	_____	_____
Bio-infiltration areas	Infiltration/Recharge			
☐ Infiltration Trench		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Infiltration Bed		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Infiltration Basin		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Rain Garden/ Bioretention		☐ VC ☐ RC ☐ WQ	_____	
☒ Infiltration Berm		☒ VC ☒ RC ☒ WQ	1,280cf (2-yr); 4,445cf(100-yr)	0.26
Natural Area Conservation	Infiltration/Recharge			
☐ Streamside Buffer Zone		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Wetland Buffer Zone		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Sensitive Area Buffer Zone		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Pre-Construction Drainage Pattern Intact		☐ VC ☐ RC ☐ WQ	_____	_____
Stormwater Retention	Detention/Retention			
☐ Constructed Wetlands		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Wet Ponds		☒ VC ☒ RC ☒ WQ	_____	_____
☐ Retention Basin		☐ VC ☐ RC ☐ WQ	_____	_____
Sediment and Pollutant Removal	Water Quality Treatment			
☐ Vegetated Filter Strips		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Compost Filter Sock		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Detention Basins		☐ VC ☐ RC ☐ WQ	_____	_____
Access Road Design	Infiltration/Recharge			
☐ Road Crowning		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Ditches		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Turnouts		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Culverts		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Roadside Vegetated Filter Strips		☐ VC ☐ RC ☐ WQ	_____	_____

Stormwater Energy Dissipaters	Infiltration/Recharge			
☐ Level Spreaders		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Riprap Aprons		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Upslope Diversions		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Other_____		☐ VC ☐ RC ☐ WQ	_____	_____

d. Critical PCSM Plan stages

Identify and list critical stages of implementation of the PCSM Plan for which a licensed professional or designee shall be present on site.

1. At the beginning of construction to ascertain the Infiltration Berm area has been flagged and fence erected to prevent access to the area.
2. Following installation of the Valve Yard Pad subgrade to ensure stormwater flow is directed to the infiltration berm.
3. At the beginning of construction of the Infiltration Berm to ensure the infiltration area has not been compacted by construction activities.
4. During construction of the infiltration berm the licensed professional will observe that the berm is constructed in accordance with the plans and specifications.
5. For final inspection of constructed BMPs.
6. At the establishment of hard surface stabilization or 70% vegetation covers to allow removal of E&S controls.

NOTICE OF INTENT (NOI) FOR COVERAGE UNDER THE EROSION AND SEDIMENT CONTROL GENERAL PERMIT (ESCGP-3) FOR EARTH DISTURBANCE ASSOCIATED WITH OIL AND GAS EXPLORATION, PRODUCTION, PROCESSING, OR TREATMENT OPERATIONS OR TRANSMISSION FACILITIES

TABLES IN ADDENDUM OF NOI

SECTION H. POST CONSTRUCTION STORMWATER MANAGEMENT (PLAN) BMPs

Regional Energy Lateral Pipeline - Lower Demunds REL Tie-In

b. Summary Table for Supporting Calculation and Measurement Data

(See NOI Instructions for additional guidance with this section)

The remainder of this section (Summary Table for Calculation and Measurement Data) does not need to be completed for areas of projects involving oil and gas activities authorized by Chapter 78 or Chapter 78a (well pads) or pipelines and other similar utility infrastructure which will be restored to meadow in good condition or better or existing conditions.

Watershed Name: Toby Creek

Volume Control design storm frequency 2-year Rainfall amount 3.40 inches	Pre-construction	Post Construction	Net Change
Impervious area (acres)	0.00	0.12	+0.12
Volume of stormwater runoff (acre-feet) without planned stormwater BMPs	0.02	0.04	+0.02
Volume of stormwater runoff (acre-feet) with planned stormwater BMPs		0.01	-0.01
Stormwater discharge rate for the design frequency storm	Pre-construction	Post Construction	Net Change
1) 2-Year/24-Hour	0.20	0.00	-0.20
2) 10-Year/24-Hour	0.40	0.00	-0.40
3) 50-year/24-Hour	0.71	0.20	-0.51
4) 100-year/24-Hour	0.89	0.51	-0.38

c. Summary Description of PCSM/SR BMPs

In the lists below, check the BMPs identified in the PCSM Plan. The primary function(s) of the BMP listed in the functions column (infiltration/recharge; detention/retention; water quality). Additional functions may be added if applicable to that BMP. List the stormwater volume and area of runoff to be treated by each BMP type when calculations are required. If any BMP in the PCSM/SR Plan is not listed below, describe it in the space provided after "Other". A summary table with infiltration testing information (Attachment E, included in the NOI Instructions) must be submitted for all Bio-infiltration BMPs included in PCSM/SR plan.

For Rate control provide the volume of stormwater treated and acres treated for the 100-year/24-hour storm event.

For volume control and water quality provide the volume of stormwater treated and acres treated for the 2-year/24-hour storm event.

Key for BMP purpose(s): VC = Volume Control; RC = Rate Control; and WQ = Water Quality

BMP	Function(s)	Purpose(s)	Volume of stormwater treated	Acres treated
Site Restoration ONLY				
☐ Restore Site to Meadow in Good Condition or Better, or Existing Conditions	Infiltration/Recharge Detention/WQ Treatment	☐ VC ☐ RC ☐ WQ	_____	_____
Bio-infiltration areas	Infiltration/Recharge			
☐ Infiltration Trench		☐ VC ☐ RC ☐ WQ	_____	_____
☒ Infiltration Bed		☒ VC ☒ RC ☒ WQ	1,481cf(2-yr); 4,356cf(100-yr)	0.17
☐ Infiltration Basin		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Rain Garden/ Bioretention		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Infiltration Berm		☐ VC ☐ RC ☐ WQ	_____	_____
Natural Area Conservation	Infiltration/Recharge			
☐ Streamside Buffer Zone		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Wetland Buffer Zone		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Sensitive Area Buffer Zone		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Pre-Construction Drainage Pattern Intact		☐ VC ☐ RC ☐ WQ	_____	_____
Stormwater Retention	Detention/Retention			
☐ Constructed Wetlands		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Wet Ponds		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Retention Basin		☐ VC ☐ RC ☐ WQ	_____	_____
Sediment and Pollutant Removal	Water Quality Treatment			
☐ Vegetated Filter Strips		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Compost Filter Sock		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Detention Basins		☐ VC ☐ RC ☐ WQ	_____	_____
Access Road Design	Infiltration/Recharge			
☐ Road Crowning		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Ditches		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Turnouts		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Culverts		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Roadside Vegetated Filter Strips		☐ VC ☐ RC ☐ WQ	_____	_____

Stormwater Energy Dissipaters ☐ Level Spreaders ☐ Riprap Aprons ☐ Upslope Diversions ☐ Other_____	Infiltration/Recharge	 ☐ VC ☐ RC ☐ WQ ☐ VC ☐ RC ☐ WQ ☐ VC ☐ RC ☐ WQ ☐ VC ☐ RC ☐ WQ	 _____ _____ _____ _____	 _____ _____ _____ _____

d. Critical PCSM Plan stages

Identify and list critical stages of implementation of the PCSM Plan for which a licensed professional or designee shall be present on site.

1. Upon commencement of construction activities to ascertain the Valve Yard Pad area has been flagged and fence erected to prevent access to the area.
2. At completion of Diversion Berm/Channel to ensure it has been constructed to the proposed lines and grades, the specified lining materials have been installed in accordance with the requirements of the plans and specifications, and if applicable, vegetation has been established.
3. At the beginning of construction of the Valve Yard Pad to ensure the infiltration area has not been compacted by construction activities.
4. During construction of the Valve Yard Pad the licensed professional will observe that the BMP is constructed in accordance with the plans and specifications.
5. Following installation of the Valve Yard Pad subgrade to ensure stormwater flow is directed to the outlet structure.
6. For final inspection of constructed BMPs.
7. At the establishment of hard surface stabilization or 70% vegetation covers to allow removal of E&S controls.

NOTICE OF INTENT (NOI) FOR COVERAGE UNDER THE EROSION AND SEDIMENT CONTROL GENERAL PERMIT (ESCGP-3) FOR EARTH DISTURBANCE ASSOCIATED WITH OIL AND GAS EXPLORATION, PRODUCTION, PROCESSING, OR TREATMENT OPERATIONS OR TRANSMISSION FACILITIES

TABLES IN ADDENDUM OF NOI

SECTION H. POST CONSTRUCTION STORMWATER MANAGEMENT (PLAN) BMPs

Regional Energy Lateral Pipeline – MLV-515RA40-Hildebrandt Tie-In

b. Summary Table for Supporting Calculation and Measurement Data

(See NOI Instructions for additional guidance with this section)

The remainder of this section (Summary Table for Calculation and Measurement Data) does not need to be completed for areas of projects involving oil and gas activities authorized by Chapter 78 or Chapter 78a (well pads) or pipelines and other similar utility infrastructure which will be restored to meadow in good condition or better or existing conditions.

Watershed Name: Toby Creek

Volume Control design storm frequency 2-year Rainfall amount 3.40 inches	Pre-construction	Post Construction	Net Change
Impervious area (acres)	0.0	0.22	+0.22
Volume of stormwater runoff (acre-feet) without planned stormwater BMPs	0.03	0.07	+0.04
Volume of stormwater runoff (acre-feet) with planned stormwater BMPs	[redacted]	0.01	-0.02
Stormwater discharge rate for the design frequency storm	Pre-construction	Post Construction	Net Change
1) 2-Year/24-Hour	0.34	0.20	-0.14
2) 10-Year/24-Hour	0.67	0.38	-0.29
3) 50-year/24-Hour	1.20	0.65	-0.55
4) 100-year/24-Hour	1.52	0.80	-0.72

c. Summary Description of PCSM/SR BMPs

In the lists below, check the BMPs identified in the PCSM Plan. The primary function(s) of the BMP listed in the functions column (infiltration/recharge; detention/retention; water quality). Additional functions may be added if applicable to that BMP. List the stormwater volume and area of runoff to be treated by each BMP type when calculations are required. If any BMP in the PCSM/SR Plan is not listed below, describe it in the space provided after "Other". A summary table with infiltration testing information (Attachment E, included in the NOI Instructions) must be submitted for all Bio-infiltration BMPs included in PCSM/SR plan.

For Rate control provide the volume of stormwater treated and acres treated for the 100-year/24-hour storm event.

For volume control and water quality provide the volume of stormwater treated and acres treated for the 2-year/24-hour storm event.

Key for BMP purpose(s): VC = Volume Control; RC = Rate Control; and WQ = Water Quality

BMP	Function(s)	Purpose(s)	Volume of stormwater treated	Acres treated
Site Restoration ONLY				
☐ Restore Site to Meadow in Good Condition or Better, or Existing Conditions	Infiltration/Recharge Detention/WQ Treatment	☐ VC ☐ RC ☐ WQ	_____	_____
Bio-infiltration areas	Infiltration/Recharge			
☐ Infiltration Trench		☐ VC ☐ RC ☐ WQ	_____	_____
☒ Infiltration Bed		☒ VC ☒ RC ☒ WQ	2,265cf(2-yr); 5,881cf(100-yr)	0.21
☐ Infiltration Basin		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Rain Garden/ Bioretention		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Infiltration Berm				
☐ Vegetated Swale		☐ VC ☐ RC ☐ WQ	_____	_____
Natural Area Conservation	Infiltration/Recharge			
☐ Streamside Buffer Zone		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Wetland Buffer Zone		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Sensitive Area Buffer Zone		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Pre-Construction Drainage Pattern Intact		☐ VC ☐ RC ☐ WQ	_____	_____
Stormwater Retention	Detention/Retention			
☐ Constructed Wetlands		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Wet Ponds		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Retention Basin		☐ VC ☐ RC ☐ WQ	_____	_____
Sediment and Pollutant Removal	Water Quality Treatment			
☐ Vegetated Filter Strips		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Compost Filter Sock		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Detention Basins		☐ VC ☐ RC ☐ WQ	_____	_____
Access Road Design	Infiltration/Recharge			
☐ Road Crowning		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Ditches		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Turnouts		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Culverts		☐ VC ☐ RC ☐ WQ	_____	_____

☐ Roadside Vegetated Filter Strips		☐ VC ☐ RC ☐ WQ	_____	_____
Stormwater Energy Dissipaters	Infiltration/Recharge			
☐ Level Spreaders		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Riprap Aprons		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Upslope Diversions		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Other_____		☐ VC ☐ RC ☐ WQ	_____	_____

d. Critical PCSM Plan stages

Identify and list critical stages of implementation of the PCSM Plan for which a licensed professional or designee shall be present on site.

1. Upon commencement of construction activities to ascertain the Valve Yard Pad area has been flagged and fence erected to prevent access to the area.
2. At completion of Diversion Channel to ensure it has been constructed to the proposed lines and grades, the specified lining materials have been installed in accordance with the requirements of the plans and specifications, and if applicable, vegetation has been established.
3. At the beginning of construction of the Valve Yard Pad to ensure the infiltration area has not been compacted by construction activities.
4. During construction of the Valve Yard Pad the licensed professional will observe that the BMP is constructed in accordance with the plans and specifications.
5. Following installation of the Valve Yard Pad subgrade to ensure stormwater flow is directed to the outlet structure.
6. For final inspection of constructed BMPs.
7. At the establishment of hard surface stabilization or 70% vegetation covers to allow removal of E&S controls.

NOTICE OF INTENT (NOI) FOR COVERAGE UNDER THE EROSION AND SEDIMENT CONTROL GENERAL PERMIT (ESCGP-3) FOR EARTH DISTURBANCE ASSOCIATED WITH OIL AND GAS EXPLORATION, PRODUCTION, PROCESSING, OR TREATMENT OPERATIONS OR TRANSMISSION FACILITIES

TABLES IN ADDENDUM OF NOI

SECTION H. POST CONSTRUCTION STORMWATER MANAGEMENT (PLAN) BMPs

Effort Loop Pipeline-MLV-505LD86 Sugar Hollow Valve Yard

b. Summary Table for Supporting Calculation and Measurement Data

(See NOI Instructions for additional guidance with this section)

The remainder of this section (Summary Table for Calculation and Measurement Data) does not need to be completed for areas of projects involving oil and gas activities authorized by Chapter 78 or Chapter 78a (well pads) or pipelines and other similar utility infrastructure which will be restored to meadow in good condition or better or existing conditions.

Watershed Name: Pohopoco Creek

Volume Control design storm frequency 2-year Rainfall amount 3.26 inches	Pre-construction	Post Construction	Net Change
Impervious area (acres)	0.09	0.62	+0.53
Volume of stormwater runoff (acre-feet) without planned stormwater BMPs	0.35	0.44	+0.09
Volume of stormwater runoff (acre-feet) with planned stormwater BMPs	[redacted]	0.28	-0.07
Stormwater discharge rate for the design frequency storm DA-1	Pre-construction	Post Construction	Net Change
1) 2-Year/24-Hour	0.01	0.01	-0.00
2) 10-Year/24-Hour	0.37	0.31	-0.06
3) 50-year/24-Hour	5.89	4.21	-1.68
4) 100-year/24-Hour	11.47	8.28	-3.19
Stormwater discharge rate for the design frequency storm DA-2	Pre-construction	Post Construction	Net Change
1) 2-Year/24-Hour	4.51	3.97	-0.54
2) 10-Year/24-Hour	12.49	12.28	-0.21
3) 50-year/24-Hour	26.58	24.35	-2.23
4) 100-year/24-Hour	35.41	31.74	-3.67

c. Summary Description of PCSM/SR BMPs

In the lists below, check the BMPs identified in the PCSM Plan. The primary function(s) of the BMP listed in the functions column (infiltration/recharge; detention/retention; water quality). Additional functions may be added if applicable to that BMP. List the stormwater volume and area of runoff to be treated by each BMP type when calculations are required. If any BMP in the PCSM/SR Plan is not listed below, describe it in the space provided after "Other". A summary table with infiltration testing information (Attachment E, included in the NOI Instructions) must be submitted for all Bio-infiltration BMPs included in PCSM/SR plan.

For Rate control provide the volume of stormwater treated and acres treated for the 100-year/24-hour storm event.

For volume control and water quality provide the volume of stormwater treated and acres treated for the 2-year/24-hour storm event.

Key for BMP purpose(s): VC = Volume Control; RC = Rate Control; and WQ = Water Quality

BMP	Function(s)	Purpose(s)	Volume of stormwater treated	Acres treated
Site Restoration ONLY				
☐ Restore Site to Meadow in Good Condition or Better, or Existing Conditions	Infiltration/Recharge Detention/WQ Treatment	☐ VC ☐ RC ☐ WQ	_____	_____
Bio-infiltration areas	Infiltration/Recharge			
☐ Infiltration Trench		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Infiltration Bed		☐ VC ☐ RC ☐ WQ	_____	_____
☒ Infiltration Basin		☒ VC ☒ RC ☒ WQ	1,123cf(2-yr); 21,318cf(100-yr)	2.85
☐ Rain Garden/ Bioretention		☐ VC ☐ RC ☐ WQ	_____	_____
☒ Infiltration Berm		☒ VC ☒ RC ☒ WQ	5,915cf(2-yr); 26,924cf(100-yr)	1.54
Natural Area Conservation	Infiltration/Recharge			
☐ Streamside Buffer Zone		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Wetland Buffer Zone		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Sensitive Area Buffer Zone		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Pre-Construction Drainage Pattern Intact		☐ VC ☐ RC ☐ WQ	_____	_____
Stormwater Retention	Detention/Retention			
☐ Constructed Wetlands		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Wet Ponds		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Retention Basin		☐ VC ☐ RC ☐ WQ	_____	_____
Sediment and Pollutant Removal	Water Quality Treatment			
☐ Vegetated Filter Strips		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Compost Filter Sock		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Detention Basins		☐ VC ☐ RC ☐ WQ	_____	_____
Access Road Design	Infiltration/Recharge			
☐ Road Crowning		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Ditches		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Turnouts		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Culverts		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Roadside Vegetated Filter Strips		☐ VC ☐ RC ☐ WQ	_____	_____

Stormwater Energy Dissipaters	Infiltration/Recharge			
☐ Level Spreaders		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Riprap Aprons		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Upslope Diversions		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Other_____		☐ VC ☐ RC ☐ WQ	_____	_____

d. Critical PCSM Plan stages

Identify and list critical stages of implementation of the PCSM Plan for which a licensed professional or designee shall be present on site.

1. For the final grading of the access road, ensuring it is constructed according to the plan details for proper conveyance of runoff.
2. Following final grading and seeding of the diversion channels and basin, in order to confirm they have been constructed according to the plan details for proper collection and conveyance of runoff. Periodic assessments will need to be made to ensure accumulated sediment have been cleaned out so the channels and basin maintain the necessary design volumes.
3. During the layout and excavation of the outlet control structure, the professional or delegate will ensure sizing, materials specifications, and construction procedures are followed to enable proper storage in the basin.
4. Following final grading and seeding of the infiltration berm in order to confirm they have been constructed according to the plan details for proper collection, infiltration, and conveyance of runoff. Periodic assessment will need to be made to ensure that accumulated sediment have been cleaned out so the area behind the berm maintains the necessary design volume.
5. For final inspection of constructed channels, basin and berms.
6. At the establishment of hard surface stabilization or 70% vegetation covers to allow removal of E&S controls.

NOTICE OF INTENT (NOI) FOR COVERAGE UNDER THE EROSION AND SEDIMENT CONTROL GENERAL PERMIT (ESCGP-3) FOR EARTH DISTURBANCE ASSOCIATED WITH OIL AND GAS EXPLORATION, PRODUCTION, PROCESSING, OR TREATMENT OPERATIONS OR TRANSMISSION FACILITIES

TABLES IN ADDENDUM OF NOI

SECTION H. POST CONSTRUCTION STORMWATER MANAGEMENT (PLAN) BMPs

Compressor Station 200

b. Summary Table for Supporting Calculation and Measurement Data

(See NOI Instructions for additional guidance with this section)

The remainder of this section (Summary Table for Calculation and Measurement Data) does not need to be completed for areas of projects involving oil and gas activities authorized by Chapter 78 or Chapter 78a (well pads) or pipelines and other similar utility infrastructure which will be restored to meadow in good condition or better or existing conditions.

Watershed Name: Valley Creek

Volume Control design storm frequency 2-year Rainfall amount 3.30 inches	Pre-construction	Post Construction	Net Change
Impervious area (acres)	0.25	0.40	+0.15
Volume of stormwater runoff (acre-feet) without planned stormwater BMPs	0.07	0.11	+0.04
Volume of stormwater runoff (acre-feet) with planned stormwater BMPs	[redacted]	0.07	-0.00
Stormwater discharge rate for the design frequency storm	Pre-construction	Post Construction	Net Change
1) 2-Year/24-Hour	1.03	0.15	-0.88
2) 10-Year/24-Hour	2.06	1.39	-0.67
3) 50-year/24-Hour	3.19	2.79	-0.40
4) 100-year/24-Hour	3.97	3.50	-0.47

c. Summary Description of PCSM/SR BMPs

In the lists below, check the BMPs identified in the PCSM Plan. The primary function(s) of the BMP listed in the functions column (infiltration/recharge; detention/retention; water quality). Additional functions may be added if applicable to that BMP. List the stormwater volume and area of runoff to be treated by each BMP type when calculations are required. If any BMP in the PCSM/SR Plan is not listed below, describe it in the space provided after "Other". A summary table with infiltration testing information (Attachment E, included in the NOI Instructions) must be submitted for all Bio-infiltration BMPs included in PCSM/SR plan.

For Rate control provide the volume of stormwater treated and acres treated for the 100-year/24-hour storm event.

For volume control and water quality provide the volume of stormwater treated and acres treated for the 2-year/24-hour storm event.

Key for BMP purpose(s): VC = Volume Control; RC = Rate Control; and WQ = Water Quality

BMP	Function(s)	Purpose(s)	Volume of stormwater treated	Acres treated
Site Restoration ONLY				
☐ Restore Site to Meadow in Good Condition or Better, or Existing Conditions	Infiltration/Recharge Detention/WQ Treatment	☐ VC ☐ RC ☐ WQ	_____	_____
Bio-infiltration areas	Infiltration/Recharge			
☐ Infiltration Trench		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Infiltration Bed		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Infiltration Basin		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Rain Garden/ Bioretention		☐ VC ☐ RC ☐ WQ	_____	_____
☒ Infiltration Berm		☒ VC ☒ RC ☒ WQ	3,790cf(2-yr); 11,631cf(100-yr)	0.56
Natural Area Conservation	Infiltration/Recharge			
☐ Streamside Buffer Zone		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Wetland Buffer Zone		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Sensitive Area Buffer Zone		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Pre-Construction Drainage Pattern Intact		☐ VC ☐ RC ☐ WQ	_____	_____
Stormwater Retention	Detention/Retention			
☐ Constructed Wetlands		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Wet Ponds		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Retention Basin		☐ VC ☐ RC ☐ WQ	_____	_____
Sediment and Pollutant Removal	Water Quality Treatment			
☐ Vegetated Filter Strips		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Compost Filter Sock		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Detention Basins		☐ VC ☐ RC ☐ WQ	_____	_____
Access Road Design	Infiltration/Recharge			
☐ Road Crowning		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Ditches		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Turnouts		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Culverts		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Roadside Vegetated Filter Strips		☐ VC ☐ RC ☐ WQ	_____	_____

Stormwater Energy Dissipaters ☐ Level Spreaders ☐ Riprap Aprons ☐ Upslope Diversions ☐ Other_____	Infiltration/Recharge	 ☐ VC ☐ RC ☐ WQ ☐ VC ☐ RC ☐ WQ ☐ VC ☐ RC ☐ WQ ☐ VC ☐ RC ☐ WQ	 _____ _____ _____ _____	 _____ _____ _____ _____

d. Critical PCSM Plan stages

Identify and list critical stages of implementation of the PCSM Plan for which a licensed professional or designee shall be present on site.

1. Following final grading and seeding of the infiltration berm in order to confirm it has been constructed according to the plan details for proper collection, infiltration, and conveyance of runoff. Periodic assessments will need to be made to ensure that accumulated sediment should be cleaned out so the channels and berm maintain necessary design volume.
2. For final inspection of constructed BMPs.
3. At the establishment of hard surface stabilization or 70% vegetation covers to allow removal of E & S controls.

NOTICE OF INTENT (NOI) FOR COVERAGE UNDER THE EROSION AND SEDIMENT CONTROL GENERAL PERMIT (ESCGP-3) FOR EARTH DISTURBANCE ASSOCIATED WITH OIL AND GAS EXPLORATION, PRODUCTION, PROCESSING, OR TREATMENT OPERATIONS OR TRANSMISSION FACILITIES

TABLES IN ADDENDUM OF NOI

SECTION H. POST CONSTRUCTION STORMWATER MANAGEMENT (PLAN) BMPs

Compressor Station 515

b. Summary Table for Supporting Calculation and Measurement Data

(See NOI Instructions for additional guidance with this section)

The remainder of this section (Summary Table for Calculation and Measurement Data) does not need to be completed for areas of projects involving oil and gas activities authorized by Chapter 78 or Chapter 78a (well pads) or pipelines and other similar utility infrastructure which will be restored to meadow in good condition or better or existing conditions.

Watershed Name: Bear Creek

Volume Control design storm frequency 2-year Rainfall amount 3.40 inches	Pre-construction	Post Construction	Net Change
Impervious area (acres)	0.34	2.44	+2.10
Volume of stormwater runoff (acre-feet) without planned stormwater BMPs	0.50	0.81	+0.31
Volume of stormwater runoff (acre-feet) with planned stormwater BMPs	[redacted]	0.18	-0.32
Stormwater discharge rate for the design frequency storm	Pre-construction	Post Construction	Net Change
1) 2-Year/24-Hour	5.46	1.76	-3.70
2) 10-Year/24-Hour	10.19	8.30	-1.89
3) 50-year/24-Hour	16.85	9.55	-7.30
4) 100-year/24-Hour	20.81	9.58	-11.23

c. Summary Description of PCSM/SR BMPs

In the lists below, check the BMPs identified in the PCSM Plan. The primary function(s) of the BMP listed in the functions column (infiltration/recharge; detention/retention; water quality). Additional functions may be added if applicable to that BMP. List the stormwater volume and area of runoff to be treated by each BMP type when calculations are required. If any BMP in the PCSM/SR Plan is not listed below, describe it in the space provided after "Other". A summary table with infiltration testing information (Attachment E, included in the NOI Instructions) must be submitted for all Bio-infiltration BMPs included in PCSM/SR plan.

For Rate control provide the volume of stormwater treated and acres treated for the 100-year/24-hour storm event.

For volume control and water quality provide the volume of stormwater treated and acres treated for the 2-year/24-hour storm event.

Key for BMP purpose(s): VC = Volume Control; RC = Rate Control; and WQ = Water Quality

BMP	Function(s)	Purpose(s)	Volume of stormwater treated	Acres treated
Site Restoration ONLY				
☐ Restore Site to Meadow in Good Condition or Better, or Existing Conditions	Infiltration/Recharge Detention/WQ Treatment	☐ VC ☐ RC ☐ WQ	_____	_____
Bio-infiltration areas	Infiltration/Recharge			
☐ Infiltration Trench		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Infiltration Bed		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Infiltration Basin		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Rain Garden/ Bioretention		☐ VC ☐ RC ☐ WQ	_____	_____
☒ Infiltration Berm		☒ VC ☒ RC ☒ WQ	31,799cf(2-yr); 96,268cf(100-yr)	3.83
Natural Area Conservation	Infiltration/Recharge			
☐ Streamside Buffer Zone		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Wetland Buffer Zone		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Sensitive Area Buffer Zone		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Pre-Construction Drainage Pattern Intact		☐ VC ☐ RC ☐ WQ	_____	_____
Stormwater Retention	Detention/Retention			
☐ Constructed Wetlands		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Wet Ponds		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Retention Basin		☐ VC ☐ RC ☐ WQ	_____	_____
Sediment and Pollutant Removal	Water Quality Treatment			
☐ Vegetated Filter Strips		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Compost Filter Sock		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Detention Basins		☐ VC ☐ RC ☐ WQ	_____	_____
Access Road Design	Infiltration/Recharge			
☐ Road Crowning		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Ditches		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Turnouts		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Culverts		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Roadside Vegetated Filter Strips		☐ VC ☐ RC ☐ WQ	_____	_____

Stormwater Energy Dissipaters	Infiltration/Recharge			
☐ Level Spreaders		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Riprap Aprons		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Upslope Diversions		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Other_____		☐ VC ☐ RC ☐ WQ	_____	_____

d. Critical PCSM Plan stages

Identify and list critical stages of implementation of the PCSM Plan for which a licensed professional or designee shall be present on site.

1. Following final grading and seeding of the collection channels and infiltration berm in order to confirm they have been constructed according to the plan details for proper collection, infiltration, and conveyance of runoff. Periodic assessments will need to be made to ensure that accumulated sediment should be cleaned out so the channels and berm maintain necessary design volume.
2. For final inspection of constructed BMPs.
3. At the establishment of hard surface stabilization or 70% vegetation covers to allow removal of E & S controls.

SECTION I. ANTIDEGRADATION ANALYSIS

This section must be completed where earth disturbance activities will be conducted in the watershed of a surface water with an existing or designated use of exceptional value or high quality pursuant to Chapter 93 (relating to water quality standards), projects where any part is located in an exceptional value wetland in accordance with 25 Pa. Code § 105.17, and projects where any part is located in the watershed of an impaired surface water where the cause of impairment is identified as siltation.

Part 1 - NONDISCHARGE ALTERNATIVES EVALUATION

The applicant must consider and describe any and all non-discharge alternatives for the entire project area which are environmentally sound and will**:**

- Minimize accelerated erosion and sedimentation during the earth disturbance activity
- Achieve no net change from pre-development to post-development volume, rate and concentration of pollutants in water quality

E & S Plan	PCSM/SR Plan
Check off the environmentally sound nondischarge Best Management Practices (BMPs) listed below to be used prior to, during, and after earth disturbance activities that have been incorporated into your E & S Plan based on the site analysis. For non-discharge BMPs not checked, provide an explanation of why they were not utilized. Also for BMPs checked, provide an explanation of why they were utilized. (Provide the analysis and attach additional sheets if necessary) See Section 2 of this ESCGP-3 Application	Check off the environmentally sound nondischarge Best Management Practices (BMPs) listed below to be used after construction that have been incorporated into the PCSM/SR Plan based on your site analysis. For non-discharge BMPs not checked, provide an explanation of why they were not utilized. Also for BMPs checked, provide an explanation of why they were utilized. (Provide the analysis and attach additional sheets if necessary) See Section 3 of this ESCGP-3 Application
Nondischarge BMPs ☐ Alternative Siting ☐ Alternative location ☐ Alternative configuration ☐ Alternative location of discharge ☒ Limited Disturbed Area ☐ Limiting Extent & Duration of Disturbance (Phasing, Sequencing) ☐ Riparian Buffers (150 ft. min.) ☐ Riparian Forest Buffer (150 ft. min.) ☐ Other _____	**Nondischarge BMPs** ☐ Alternative Siting ☐ Alternative location ☐ Alternative configuration ☐ Alternative location of discharge ☐ Low Impact Development (LID / BSD) ☐ Riparian Buffers (150 ft. min.) ☐ Riparian Forest Buffer (150 ft. min.) ☒ Infiltration ☐ Water Reuse ☐ Other _____
Will the non-discharge alternative BMPs eliminate the net change in rate, volume and quality during construction? ☐ Yes ☒ No If yes, antidegradation analysis is complete. If no, proceed to Part 2.	Will the non-discharge alternative BMPs eliminate the net change in rate, volume and quality after construction? ☐ Yes ☒ No If yes, antidegradation analysis is complete. If no, proceed to Part 2.

PART 2 - ANTIDEGRADATION BEST AVAILABLE COMBINATION OF TECHNOLOGIES (ABACT)

If the net change in stormwater discharge from or after construction is not fully managed by nondischarge BMPs, the applicant must utilize ABACT BMPs to manage the difference. The Applicant must specify whether the discharge will occur during construction, post-construction or both, and identify the technologies that will be used to ensure that the discharge will be a non-degrading discharge. ABACT BMPs include but are not limited to:

E & S Plan	PCSM/SR Plan
☒ **Treatment BMPs:** ☐ Sediment basin with skimmer ☐ Sediment basin ratio of 4:1 or greater (flow length to basin width) ☐ Sediment basin with 4-7 day detention ☐ Flocculants ☒ Compost Filter Socks ☒ Compost Filter Sock Sediment Basin ☒ RCE w/ Wash Rack ☒ **Land disposal:** ☐ Vegetated filters ☐ Riparian buffers <150ft. ☐ Riparian Forest Buffer <150ft. ☒ Immediate stabilization ☒ **Pollution prevention:** ☒ PPC Plans ☒ Street sweeping ☒ Channels, collectors and diversions lined with permanent vegetation, rock, geotextile or other non-erosive materials ☐ **Stormwater reuse technologies:** ☐ Sediment basin water for dust control ☐ Sediment basin water for irrigation ☐ **Other** _____	☒ **Treatment BMPs:** ☒ Infiltration Practices ☐ Wet ponds ☐ Created wetland treatment systems ☒ Vegetated swales ☐ Manufactured devices ☒ Bio-retention/infiltration ☐ Green Roofs ☐ **Land disposal:** ☐ Vegetated filters ☐ Riparian Buffers <150ft. ☐ Riparian Forest Buffer <150ft. ☐ Disconnection of roof drainage ☐ Bio-retention/bio-infiltration ☒ **Pollution prevention:** ☐ Street sweeping ☐ Nutrient, pesticide, herbicide or other chemical application plan alternatives ☒ PPC Plans ☒ Non-structural Practices ☒ Restoration BMPs ☐ **Stormwater reuse technologies:** ☐ Divert rainwater into impoundment ☐ Underground storage ☐ Spray/Drip Irrigation ☐ **Other** _____
Are the ABACT BMPs selected sufficient to minimize E&S discharges to the extent that existing or designated surface water uses are protected? ☒ Yes ☐ No If yes, Antidegradation analysis is complete. If no, NOI Application will be returned to the Applicant.	Are the ABACT BMPs selected sufficient to achieve no net change and assure that existing or designated surface water uses are protected? ☒ Yes ☐ No If yes, Antidegradation analysis is complete. If no, NOI Application will be returned to the Applicant.

SECTION J. COMPLIANCE HISTORY REVIEW

Is/was the applicant(s) in violation of any Department regulation, order, schedule of compliance or permit or in violation of any department regulated activities within the past five years?

☒ Yes ☐ No

If yes, provide the permit number or facility name, a brief description of the violation, the compliance schedule (including dates and steps to achieve compliance) and the current compliance status. (Attach additional information on a separate sheet, when necessary)

Permit Program or Activity: Chapter 102, Chapter 105, PAG-10
Permit Number (if applicable):

1. **ESG03000150001, ESG00350150001, ESG00081150001**
2. **E41-649**
3. **E-19-311, E36-947, E-38-195, E40-769,E49-336, E54-360, E58-315, E66-160, E41-667, E18-495,**
4. **PAG109632**

Brief Description of non-compliance:

Consent Assessment of Civil Penalty, Reports past due.

Steps taken to achieve compliance	Date(s) compliance achieved
1. Consent Assessment of Civil Penalty 2. Consent Assessment of Civil Penalty. Permits being obtained to complete channel restoration 3. Consent Assessment of Civil Penalty 4. All past due reports were provided to PADEP	1. 9/20/2020 2. 8/9/2020 3. 9/20/2020 4. 12/14/2017

Current Compliance Status: ☒ In-Compliance ☐ In Non-Compliance

If in non-compliance, attach schedule for achieving compliance.

SECTION K. CERTIFICATION BY PERSON PREPARING E&S AND PCSM/SR PLANS

I do hereby certify to the best of my knowledge, information, and belief, that the Erosion and Sediment Control and PCSM/Site Restoration Plans are true and correct, represent actual field conditions, and are in accordance with the 25 Pa. Code Chapters 78/78a and 102 of the Department's rules and regulations. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment.

Print Name Kevin C. Clark	Signature	Professional Seal
Company BAI Group, LLC		
Address 2525 Green Tech Drive, Suite D, State College, PA-16803		
Phone (814) 238-2060		
Most Recent DEP Training Attended _____	Location _____ Date _____	
e-Mail Address kclark@baigroupllc.com		

EXPEDITED REVIEW PROCESS

In addition to the certification required above, applicants using the expedited permit review process must attach an E&S and PCSM/Site Restoration Plans developed and sealed by a licensed professional engineer, surveyor or professional geologist. The plans shall contain the following certification:

*I do hereby certify to the best of my knowledge, information, and belief, that the E & S Control and PCSM/SR BMPs are true and correct, represent actual field conditions and are in accordance with the 25 Pa. Code Chapters 78 / 78a and 102 of the Department's rules and regulations. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment***.**

SECTION L. APPLICANT CERTIFICATION

Applicant Certification

I certify under penalty of law, as provided by 18 Pa. C.S.A. § 4904, that this application and all related attachments were prepared by me or under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my own knowledge and on inquiry of the person or persons who manage the system or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate and complete. The responsible official's signature also verifies that the activity is eligible to participate in the ESCGP, and that the applicant agrees to abide by the terms and conditions of the permit. BMP's, E&S Plan, PPC Plan, PCSM Plan, and other controls are being or will be, implemented to ensure that water quality standards and effluent limits are attained.

I grant permission to the agencies responsible for the permitting of this work, or their duly authorized representative to enter the project site for inspection purposes. I will abide by the conditions of the permit if issued and will not begin work prior to permit issuance.

(For individuals no indication of title is necessary, choose the box below. All others proceed to the next paragraph)

☐ **Individual; proceed to signature portion.**

I hereby certify under penalty of law, as provided by 18 Pa. C.S.A. § 4904, that I am the person who is responsible for decision-making regarding environmental compliance functions for Transcontinental Gas Pipeline Company, LLC, the manager of one or more manufacturing, production, or operating facilities of the applicant and am authorized to make management decisions which govern the operation of regulated facility including having explicit or implicit duty of making major capital investment recommendations, and initiating and directing other comprehensive measures to assure the applicant's long term environmental compliance with environmental laws and regulations; and I am responsible for ensuring that the necessary systems are established or actions taken to gather complete and accurate information for permit application requirements.

(choose one of the following; not applicable for individuals):

☐ The responsible corporate officer ☐ president ☐ vice president ☐ secretary
☐ treasure of _____ Corporation/Company
Entity name

☒ The ☐ member or ☒ manager of Transcontinental Gas Pipe Line Company, LLC
Entity name

☐ The general partner of _____ partnership/LP/LLP
Entity name

☐ The principal executive officer or ranking elected official of _____ Municipality/State/Federal/other public agency
Entity name

☐ Power of Attorney/delegation of contractual authority (documentation supporting delegation of contracting authority must be provided) for _____
Entity name

_____	_____
Print Name and Title of Applicant	Print Name and Title of Co-Applicant (if applicable)
_____	_____
Signature of Applicant	Signature of Co-Applicant
_____	_____
Date Application Signed	Date Application Signed

Notarization

Sworn to and subscribed to before me this

_____ day of _____, 20_____

_____
Notary Public

AFFIX SEAL

Commonwealth of Pennsylvania

County of _____

My Commission expires _____

SECTION M. ADDITIONAL CONTACT INFORMATION				
Contact's Last Name	First Name	MI	Phone (814) 689-1650	
Nelson	Ryan	J	FAX	
Mailing Address	City		State	ZIP + 4
2525 Green Tech Drive, Suite B	State College		PA	16803
e-Mail Address ryann@whmgroup.com				

Section 1-1.1 NOI Supporting Information

Project Component	Site	Site Location City	ZIP Code	County	Municipality	Total Project Area/Project Site (Acre)	Total Disturbed Area (Acre)	Latitude / Longitude	U.S.G.S. 7.5 min. Topographic Quadrangle	Receiving Waters	Chapter 93, Designated Use Stream Classification	Chapter 93, Existing Use Stream Classification	Siltation Impaired
Regional Energy Lateral	Pipeline			Luzerne	Buck, Bear Creek, Plains, Jenkins, Kingston, Dallas, Wyoming, West Wyoming, Laflin	952.63	420.67 (includes CS 515 and sites below)	41.173337, -75.671706 (eastern terminus) 41.346917, -75.946263 (western terminus)	Kingston, Pittston, Avoca, Wilkes-Barre East, Pleasant View Summit	Stony Run, Shades Creek, Little Shades Creek, Snider Run, Meadow Run, Bear Creek, Little Bear Creek, Mill Creek, Gardner Creek, Susquehanna River, Abrahams Creek, Toby Creek, Trout Brook	MF, HQ-CWF, WWF, CWF	-	No
	CY-LU-001	Wyoming	18644	Luzerne	Wyoming		16.3 (Included within above total)	41.31016, -75.84636		Abrahams Creek	CWF, MF	-	No
	CY-LU-002	Wilkes-Barre	18702	Luzerne	Laflin		11.4 (Included within above total)	41.28491, -75.79026		Gardner Creek	CWF, MF	-	No
	MLV-515RA20	Wilkes-Barre	18702	Luzerne	Bear Creek Township		0.46 (Included within above total)	41.25279, -75.75856		Mill Creek	CWF, MF	-	No
	MLV-515RA30	Wyoming	18644	Luzerne	Wyoming Borough		0.44 (Included within above total)	41.30411, -75.84662		Susquehanna River	WWF		No
	Carverton Tie-in	Wyoming	18644	Luzerne	West Wyoming Borough		3.9 (Included within above total)	41.32053, -75.87270		Abrahams Creek	CWF, MF		No
	Lower Demunds REL Tie-in	Dallas	18612	Luzerne	Dallas Township		1.7 (Included within above total)	41.34652, -75.94551		Trout Brook	CWF, MF		No
	Hildebrandt Tie-in/MLV-515RA40	Dallas	18612	Luzerne	Dallas Township		3.1 (Included within above total)	41.34692, -75.94629		Toby Creek, Trout Brook	CWF, MF		No
	Laflin Borough Stream Stabilization	Wilkes-Barre	18702	Luzerne	Laflin Borough		0.94 (Included within above total)	41.28925, -75.80209		Gardner Creek	CWF, MF	-	No
Effort Loop	Pipeline			Monroe	Ross, Chestnuthill, Tunkhannock	360.63	262.18	40.896796, -75.370606 (Southeast Terminus) 41.053413, -75.526178 (Northwest Terminus)	Blakeslee, Pocono Pines, Brodheadsville, Saylorsburg	Lake Creek, Princess Run, Weir Creek, McMichael Creek, Pohopoco Creek, Sugar Hollow Creek, Poplar Creek, Mud Run, Mud Pond Run, Tunkhannock Creek	EV, MF, HQ-CWF, CWF	EV, MF	No

Project Component	Site	Site Location City	ZIP Code	County	Municipality	Total Project Area/Project Site (Acre)	Total Disturbed Area (Acre)	Latitude / Longitude	U.S.G.S. 7.5 min. Topographic Quadrangle	Receiving Waters	Chapter 93, Designated Use Stream Classification	Chapter 93, Existing Use Stream Classification	Siltation Impaired
	MLV-505LD86 Sugar Hollow Valve Yard	Effort	18330	Monroe	Chestnut Hill Township		8.8 (Included within above total)	40.96775, -75.42980		Sugar Hollow Creek	CWF, MF	-	No
	CY-MO-001	Saylorsburg	18353	Monroe	Ross Township		50.1 (Included within above total)	40.89803, -75.36784		Lake Creek, Princess Run	HQ-CWF, MF, CWF	-	No
Delaware River Regulator		Easton	18040	Northampton	Lower Mt. Bethel	11.28	3.25	40.76220 -75.19653	Bangor, PA	Mud Run	CWF, MF	-	No
Mainline "A" Regulator		Washington Crossing	18977	Bucks	Lower Makefield	0.94	0.530	40.26807, -74.85712	Pennington, NJ-PA	Dyers Creek, Delaware River	MF, WWF	-	No
Compressor Station 200		Frazer	19335	Chester	East Whiteland	20.28	3.16	40.04998, -75.58589	Malvern, PA	Valley Creek	EV, MF, CWF	-	Yes
Compressor Station 515		White Haven	18661	Luzerne	Buck	952.63 (Included with Regional Energy Lateral)	24.83 (included with Regional Energy Lateral)	41.17380, -75.67118	Pleasant View Summit, PA	Shades Creek, Stony Run	HQ-CWF, MF	-	No

COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
BUREAU OF CLEAN WATER

MUNICIPAL NOTIFICATION OF PLANNED LAND DEVELOPMENT FOR CHAPTER 102 PERMITS

PROJECT INFORMATION (COMPLETED BY APPLICANT)

Applicant Name:	**Transcontinental Gas Pipe Line Company, a subsidiary of Williams Partners, L.P.**	Contact Name:	**Joseph Dean** **Manager-Permitting**
Applicant Address:	**2800 Post Oak Blvd, Level 11**	Contact Phone:	**(713) 215-3427**
Applicant City, State, ZIP:	**Houston, TX 77056**	County:	**Luzerne**
		Municipality:	**Kingston**

Description of Proposed Land Development and Stormwater Controls:

The Regional Energy Lateral component of the Regional Energy Access Expansion Project will consist of approximately 22.3 miles of 30-inch diameter pipeline, partially co-located with existing Transco Leidy Line-A, in Buck, Bear Creek, Plains, Jenkins, Kingston and Dallas Townships, and Laflin, Wyoming, and West Wyoming Boroughs, Luzerne County, Pennsylvania. The Regional Energy Lateral begins at existing Compressor Station 515 in Buck Township and continues westward to its terminus at Transco's existing Hildebrandt Tie-in in Dallas Township. Transco will be installing four mainline valves with appurtenant equipment, as a means to isolate gas flows along the Regional Energy Lateral. The mainline valve sites at each pipeline terminus (MLV515RA10 at Compressor Station 515 and MLV515RA40 at the Hildebrandt Tie-in) will also have pig traps (industry term for manifolds that launch or receive in-line inspection tools). The other two valve sites are proposed along the pipeline route (MLV515RA20 at Milepost 7.5 and MLV515RA30 at Milepost 14.8). Modifications at three existing pipeline interconnects are proposed to tie-in the proposed pipeline to the existing facilities. The Carverton Tie-In is located at Milepost 16.8. The Lower Demunds Tie-In is located at Milepost 22.3 and also includes a +/- 400-ft segment of 20-in pipeline and conduit to connect to the existing facility. The Hildebrandt Tie-In is located at the Regional Energy Lateral pipeline terminus and includes MLV515RA40. Two contractor yards are proposed for the Project and are located adjacent to the pipeline. CY-LU-001 is located at Milepost 15.3 and CY-LU-002 is located at Milepost 10.5. Cathodic protection equipment will be installed along the pipeline route. Deep anode ground beds are proposed at Mileposts 7.5 and 19.8, and one remote anode ground bed is proposed at Milepost 15.3. E&S BMP's are proposed within Kingston Township.

Project Area: **117.58** acres ☐ Phased

Disturbance: **48.28** acres

Surface Waters Receiving Stormwater Discharges:
Abrahams Creek, Toby Creek, Trout Brook

Tax Parcel ID(s) Affected by Proposed Land Development:
See attached table

Discharge to: ☐ MS4 ☐ Other SS ☐ CSS

The following information was submitted to the municipality for this project:

☐ Land Development / Subdivision Plan ☒ E&S Plan ☐ PCSM Plan ☐ Other:

***On March 31, 2021 Transco submitted to you its E&S and PCSM Plans (Plans) as part of the ESCGP-3 permit application notification. Transco provided an update in July 2021 indicating the Erosion and Sediment Control Permit for Discharges of Stormwater Associated with Construction Activities Application was submitted to the PA Dept. of Environmental Protection to replace the ESCGP-3 application. Transco has updated the application in response to the PADEP Technical Deficiencies and is providing the updated materials. Updated drawings, location maps, GIF form and Parcel ID tables are included.**

MUNICIPAL PLAN / ORDINANCE INFORMATION (COMPLETED BY MUNICIPALITY)		
1. Is there an adopted municipal or multi-municipal comprehensive plan?	☐ Yes	☐ No
2. Is there an enacted municipal or multi-municipal zoning ordinance?	☐ Yes	☐ No
3. If Yes to #2, is the proposed project consistent with the ordinance?	☐ Yes	☐ No
4. Is there a municipal stormwater management ordinance?	☐ Yes	☐ No
5. If Yes to #4, is the proposed project consistent with the ordinance, without waiver?	☐ Yes	☐ No

6. If Yes to #4, indicate type of ordinance: ☐ Act 167 Model Ordinance ☐ DEP Model Ordinance (MS4s) ☐ Other

APPLICANT CERTIFICATION	MUNICIPAL ACKNOWLEDGEMENT
I certify under penalty of law (see 18 Pa.C.S. § 4904 (relating to unsworn falsification)) that the information reported herein was prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the information, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.	The municipality acknowledges that a permit application for the above-referenced project has been submitted to a reviewing agency and that notification requirements of Act 14 of 1984 and Acts 67, 68, and 127 of 2000 have been satisfied. The information reported herein by the municipality is true and accurate. The municipality reserves the right to comment to the reviewing agency relative to comprehensive plans, zoning, and stormwater ordinance consistency. Municipal acknowledgment of receipt of notification shall not be construed as project approval.

Joseph Dean

Applicant Name

Applicant Signature

Manager - Permitting

Applicant Title

04/06/2022

Date of Signature

Municipal Representative Name

Municipal Representative Signature

Municipal Representative Title

Date of Signature

Proof of Delivery

Dear Customer,

This notice serves as proof of delivery for the shipment listed below.

Tracking Number
1Z8797VV0390102339

Weight
4.00 LBS

Service

UPS Ground

Shipped / Billed On
04/06/2022

Delivered On

04/07/2022 10:58 A.M.

Delivered To
SHAVERTOWN, PA, US

Received By

KATHY

Left At
Dock

Thank you for giving us this opportunity to serve you. Details are only available for shipments delivered within the last 120 days. Please print for your records if you require this information after 120 days.

Sincerely,

UPS

Tracking results provided by UPS: 04/11/2022 11:10 A.M. EST

Transcontinental Gas Pipe Line Company, LLC

Section 1-11 – General Information Form

Regional Energy Access Expansion Project

April 2021
(Added July 2021)
(Revised March 2022)

pennsylvania
DEPARTMENT OF ENVIRONMENTAL PROTECTION

COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION

GENERAL INFORMATION FORM – AUTHORIZATION APPLICATION

Before completing this General Information Form (GIF), read the step-by-step instructions provided in this application package. This form is used by the Department of Environmental Protection (DEP) to inform our programs regarding what other DEP permits or authorizations may be needed for the proposed project or activity. This version of the General Information Form (GIF) must be completed and returned with any program-specific application being submitted to the DEP.

Related ID#s (If Known)				DEP USE ONLY
Client ID#		**APS ID#**		Date Received & General Notes
Site ID#		**Auth ID#**		
Facility ID#				

CLIENT INFORMATION

DEP Client ID#	Client Type / Code	Dun & Bradstreet ID#
163321	LLC	

Legal Organization Name or Registered Fictitious Name	Employer ID# (EIN)	Is the EIN a SSN?
Transcontinental Gas Pipe Line Company, LLC	74-1079400	☐ Yes ☒ NO

State of Incorporation or Registration of Fictious Name

☐ Corporation ☒ LLC ☐ Partnership ☐ LLP ☐ LP
☐ Sole Proprietorship ☐ Association/Organization
☐ Estate/Trust ☐ Other

Individual Last Name	First Name	MI	Suffix

Additional Individual Last Name	First Name	MI	Suffix

Mailing Address Line 1	Mailing Address Line 2
2800 Post Oak Blvd, Level 11	

Address Last Line – City	State	ZIP+4	Country
Houston	TX	77056	United States

Client Contact Last Name	First Name	MI	Suffix
Dean	Joseph		

Client Contact Title	Phone	Ext	Cell Phone
Manager, Permitting	(713) 215-3427		

Email Address	FAX
Joseph.Dean@Williams.com	

SITE INFORMATION

DEP Site ID#	Site Name
	Regional Energy Access Expansion Project

EPA ID# **Estimated Number of Employees to be Present at Site**

Description of Site
The Project is an expansion of an existing natural gas transmission system consisting of pipelines, modification of three existing compressor stations and additional existing ancillary facilities.

Tax Parcel ID(s):

County Name(s)	Municipality(ies)	City	Boro	Twp	State
Luzerne	Buck, Bear Creek, Plains, Jenkins, Kingston, Dallas, Wyoming, West Wyoming, Laflin	☐	☒	☒	PA
Monroe	Ross, Chestnuthill, Tunkhannock	☐	☐	☒	PA
Northampton	Lower Mt. Bethel	☐	☐	☒	PA
Bucks	Lower Makefield	☐	☐	☒	PA
Chester	East Whiteland	☐	☐	☒	PA
		☐	☐	☒	PA
		☐	☒	☐	PA

Site Location Line 1	Site Location Line 2
See Section 1.1 - GIF Supporting Information	

Site Location Last Line – City	State	ZIP+4

Detailed Written Directions to Site
See Secton 1.1 - GIF Supporting Information for locations of all project sites.

Site Contact Last Name	First Name	MI	Suffix
Henry	Josh		

Site Contact Title	Site Contact Firm
Environmental Specialist	Transcontinental Gas Pipe Line Company, LLC.

Mailing Address Line 1	Mailing Address Line 2
2000 Commerce Drive, Park Place 2	

Mailing Address Last Line – City	State	ZIP+4
Pittsburgh	PA	15275

Phone	Ext	FAX	Email Address
(412) 787- 4277			Josh.Henry@Williams.com

NAICS Codes (Two- & Three-Digit Codes – List All That Apply) **6-Digit Code** (Optional)
221

Client to Site Relationship
OWNOP

FACILITY INFORMATION

Modification of Existing Facility	Yes	No
1. **Will this project modify an existing facility, system, or activity?**	☒	☐
2. **Will this project involve an addition to an existing facility, system, or activity?**	☒	☐

If "Yes", check all relevant facility types and provide DEP facility identification numbers below.

	Facility Type	DEP Fac ID#		Facility Type	DEP Fac ID#
☐	Air Emission Plant		☐	Industrial Minerals Mining Operation	
☐	Beneficial Use (water)		☐	Laboratory Location	
☐	Blasting Operation		☐	Land Recycling Cleanup Location	
☐	Captive Hazardous Waste Operation		☐	Mine Drainage Treatment / Land Recycling Project Location	
☐	Coal Ash Beneficial Use Operation		☐	Municipal Waste Operation	
☐	Coal Mining Operation		☐	Oil & Gas Encroachment Location	
☐	Coal Pillar Location		☐	Oil & Gas Location	
☐	Commercial Hazardous Waste Operation		☐	Oil & Gas Water Poll Control Facility	
☐	Dam Location		☐	Public Water Supply System	
☐	Deep Mine Safety Operation -Anthracite		☐	Radiation Facility	
☐	Deep Mine Safety Operation -Bituminous		☐	Residual Waste Operation	
☐	Deep Mine Safety Operation -Ind Minerals		☐	Storage Tank Location	
☐	Encroachment Location (water, wetland)		☐	Water Pollution Control Facility	
☐	Erosion & Sediment Control Facility		☐	Water Resource	
☐	Explosive Storage Location		☒	Other: Natural Gas Transmission	

Latitude/Longitude Point of Origin	Latitude Degrees	Latitude Minutes	Latitude Seconds	Longitude Degrees	Longitude Minutes	Longitude Seconds
See Section 1.1 - GIF Supporting Information						

Horizontal Accuracy Measure	Feet	*--or--*	Meters
Horizontal Reference Datum Code	☐ North American Datum of 1927 ☒ North American Datum of 1983 ☐ World Geodetic System of 1984		
Horizontal Collection Method Code	GISDR		
Reference Point Code	CNTAR		
Altitude	Feet	*--or--*	Meters
Altitude Datum Name	☐ The National Geodetic Vertical Datum of 1929 ☒ The North American Vertical Datum of 1988 (NAVD88)		
Altitude (Vertical) Location Datum Collection Method Code	TOPO		

Geometric Type Code	POINT				
Data Collection Date	2020				
Source Map Scale Number	1	Inch(es)	=	2,000	Feet
--or--		Centimeter(s)	=		Meters

PROJECT INFORMATION

Project Name
Regional Energy Access Expansion Project

Project Description
The Project is an expansion of Transco's existing natural gas transmission system that will enable Transco to provide an incremental 829,400 dekatherms per day (Dth/d) of year-round firm transportation capacity from the Marcellus Shale production area in northeastern Pennsylvania (PA) to multiple delivery points along Transco's Leidy Line in PA, Transco's mainline at the Station 210 Zone 6 Pooling Point in Mercer County, New Jersey (NJ) and multiple delivery points in Transco's Zone 6 in NJ, PA, and Maryland (MD). The Project will consist of the following components:

• Approximately 22.2 miles of 30-inch-diameter pipeline partially collocated with Transco's Leidy Line A from milepost (MP) 0.00 to MP 22.32 in Luzerne County, PA (Regional Energy Lateral);

• Approximately 13.8 miles of 42-inch-diameter pipeline collocated with Transco's Leidy Line System from MP 43.72 to MP 57.50 in Monroe County, PA (Effort Loop);

• New electric motor-driven compressor station identified as Compressor Station 201 with 9,000 nominal horsepower (HP) in Gloucester County, NJ;

• Addition of two gas-fired turbine driven compressor units with 31,800 nominal HP at ISO conditions at existing Compressor Station 505 in Somerset County, NJ, to accommodate the abandonment and replacement of approximately 16,000 HP from eight existing internal combustion engine-driven compressor units and increase the certificated station compression by 15,800 HP;

• Addition of two gas-fired turbine driven compressor units with 63,742 nominal HP at ISO conditions and modification of three existing compressors at existing Compressor Station 515 in Luzerne County, PA to support the Project and to accommodate the abandonment and replacement of approximately 17,000 HP from five existing gas-fired reciprocating engine driven compressors and increase the certificated station compression by 46,742 HP;

• Uprate and rewheel two existing electric motor-driven compressor units at existing Compressor Station 195 in York County, PA to increase the certificated station compression by 6,000 HP and accommodate the abandonment of two existing gas-fired reciprocating engine driven compressors, which total approximately 8,000 HP;

• Modifications at existing Compressor Station 200 in Chester County, PA;

• Uprate one existing electric motor-driven compressor unit at Compressor Station 207 in Middlesex County, NJ to increase the certificated station compression by 4,100 HP;

• Modifications to three (3) existing pipeline tie-ins in PA (Hildebrandt Tie-in, Lower Demunds REL Tie-in, and Carverton Tie-in);

• Addition of regulation controls at an existing valve setting on Transco's Mainline "A" in Bucks County, PA (Mainline A Regulator);

• Modifications at the existing Delaware River Regulator in Northampton County, PA;

• Modifications at the existing Centerville Regulator in Somerset County, NJ;

• Modifications to the existing valves and piping at the Princeton Junction (Station 210 Pooling Point) in Mercer County, NJ;

• Modifications to three (3) existing delivery meter stations in NJ (Camden M&R Station, Lawnside M&R Station, and Mt. Laurel M&R Station);

• Modifications to one (1) existing delivery meter station in MD (Beaver Dam M&R Station);

• Contractual changes (no modifications) at ten (10) existing delivery meter stations in PA and NJ (Algonquin-Centerville Meter Station, Post Road Meter Station, New Village Meter Station, Spruce Run Meter Station, Marcus Hook Meter Station, Ivyland Meter Station, Repaupo Meter Station, Morgan Meter Station, Lower Mud Run Meter Station, and Chesterfield Meter Station);

• Additional ancillary facilities, such as mainline valves (MLVs), cathodic protection, communication facilities, and internal inspection device (e.g., pig) launchers and receivers in PA; and

• Existing, improved, and new access roads and contractor yards/staging areas in PA, NJ, and MD.

In an ongoing effort to reduce its air emissions footprint, Transco is assessing the replacement of vintage gas-fired reciprocating engine driven compressors with more efficient state-of-the-art gas-fired turbine driven compressors. The proposed compression abandonment and replacement scopes at Transco's existing Compressor Station 505 and Compressor Station 515 are part of this effort and have been adopted into the Project scope. Additionally, the uprate and optimization of existing electric motor-driven compression to accommodate abandonment of gas-fired reciprocating engine driven compression at Compressor Station 195 has also been adopted into the Project scope.

The Algonquin-Centerville, Post Road, New Village, Spruce Run, Marcus Hook, Ivyland, Repaupo, Morgan, Lower Mud Run, and Chesterfield Meter Stations can accommodate the contractual changes proposed as part of this Project; therefore, no modifications are proposed at these facilities

Project Consultant Last Name	**First Name**	**MI**	**Suffix**
Nelson	Ryan		

Project Consultant Title	**Consulting Firm**
Senior Project Manager	WHM Consulting, LLC

Mailing Address Line 1	**Mailing Address Line 2**
2525 Green Tech Drive; Suite B	

Address Last Line – City	**State**	**ZIP+4**
State College	PA	16803

Phone	**Ext**	**FAX**	**Email Address**
(814) 689-1650	102		ryann@whmgroup.com

Time Schedules	**Project Milestone (Optional)**
March 2021	Submit 401 WQC
April 2021	Submit Chapter 102 / 105 Permits
2nd Quarter of 2023	Commence Construction
4th Quarter 2024	In-service Date

1. Is the project located in or within a 0.5-mile radius of an Environmental Justice community as defined by DEP? ☒ Yes ☐ No

To determine if the project is located in or within a 0.5-mile radius of an environmental justice community, please use the online Environmental Justice Areas Viewer.

2. Have you informed the surrounding community prior to submitting the application to the Department? ☒ Yes ☐ No

Method of notification:

1) Open house schedule mailed to affected parties;

2) Newspaper advertisements of open houses placed in newspapers of general circulation in the Project area;

3) Open houses (a mixture of virtual and in-person) held in the county of each major project scope item;
4) Newspaper advertisements prior to commencement of construction, which will be placed in those same publications;
5) Notification to businesses potentially affected by construction;
6) Designation of a point of contact for stakeholder communication;
7) A Project toll free telephone number for public inquiries; and
•8) A Project website with periodic updates of relevant information.

3. Have you addressed community concerns that were identified? ☒ Yes ☐ No ☐ N/A

If no, please briefly describe the community concerns that have been expressed and not addressed.

4. Is your project funded by state or federal grants? ☐ Yes ☒ No

Note: If "Yes", specify what aspect of the project is related to the grant and provide the grant source, contact person and grant expiration date.

Aspect of Project Related to Grant
Grant Source: _____
Grant Contact Person: _____
Grant Expiration Date: _____

5. Is this application for an authorization on Appendix A of the Land Use Policy? (For referenced list, see Appendix A of the Land Use Policy attached to GIF instructions) ☒ Yes ☐ No

Note: If "No" to Question 5, the application is not subject to the Land Use Policy.
If "Yes" to Question 5, the application is subject to this policy and the Applicant should answer the additional questions in the **Land Use Information** section.

LAND USE INFORMATION

Note: Applicants should submit copies of local land use approvals or other evidence of compliance with local comprehensive plans and zoning ordinances.

1.	**Is there an adopted county or multi-county comprehensive plan?**	☒	Yes	☐	No
2.	**Is there a county stormwater management plan?**	☒	Yes	☐	No
3.	**Is there an adopted municipal or multi-municipal comprehensive plan?**	☒	Yes	☐	No
4.	**Is there an adopted county-wide zoning ordinance, municipal zoning ordinance or joint municipal zoning ordinance?**	☒	Yes	☐	No
5.	**Does the proposed project meet the provisions of the zoning ordinance or does the proposed project have zoning approval?** If zoning approval has been received, attach documentation.	☒	Yes	☐	No
6.	**Have you attached Municipal and County Land Use Letters for the project?**	☐	Yes	☒	No

Note: If the Applicant answers "No" to either Questions 1, 3 or 4, the provisions of the PA MPC are not applicable and the Applicant does not need to respond to questions 5 and 6 below.
If the Applicant answers "Yes" to questions 1, 3 and 4, the Applicant should respond to questions 5 and 6 below.

* This Project is regulated by the Federal Energy Regulatory Commission (FERC) under the Natural Gas Act. FERC has exclusive jurisdiction over siting of the Project, therefore, local zoning is preempted.

COORDINATION INFORMATION

Note: The PA Historical and Museum Commission must be notified of proposed projects in accordance with DEP Technical Guidance Document 012-0700-001 utilizing the Project Review Form.

If the activity will be a mining project (i.e., mining of coal or industrial minerals, coal refuse disposal and/or the operation of a coal or industrial minerals preparation/processing facility), respond to questions 1.0 through 2.5 below.

If the activity will not be a mining project, skip questions 1.0 through 2.5 and begin with question 3.0.

1.0	**Is this a coal mining project?** If "Yes", respond to 1.1-1.6. If "No", skip to Question 2.0.	☐	Yes	☒	No
1.1	**Will this coal mining project involve coal preparation/ processing activities in which the total amount of coal prepared/processed will be equal to or greater than 200 tons/day?**	☐	Yes	☐	No
1.2	**Will this coal mining project involve coal preparation/ processing activities in which the total amount of coal prepared/processed will be greater than 50,000 tons/year?**	☐	Yes	☐	No
1.3	**Will this coal mining project involve coal preparation/ processing activities in which thermal coal dryers or pneumatic coal cleaners will be used?**	☐	Yes	☐	No
1.4	**For this coal mining project, will sewage treatment facilities be constructed and treated waste water discharged to surface waters?**	☐	Yes	☐	No
1.5	**Will this coal mining project involve the construction of a permanent impoundment meeting one or more of the following criteria: (1) a contributory drainage area exceeding 100 acres; (2) a depth of water measured by the upstream toe of the dam at maximum storage elevation exceeding 15 feet; (3) an impounding capacity at maximum storage elevation exceeding 50 acre-feet?**	☐	Yes	☐	No
1.6	**Will this coal mining project involve underground coal mining to be conducted within 500 feet of an oil or gas well?**	☐	Yes	☐	No
2.0	**Is this a non-coal (industrial minerals) mining project?** If "Yes", respond to 2.1-2.6. If "No", skip to Question 3.0.	☐	Yes	☒	No
2.1	**Will this non-coal (industrial minerals) mining project involve the crushing and screening of non-coal minerals other than sand and gravel?**	☐	Yes	☐	No
2.2	**Will this non-coal (industrial minerals) mining project involve the crushing and/or screening of sand and gravel with the exception of wet sand and gravel operations (screening only) and dry sand and gravel operations with a capacity of less than 150 tons/hour of unconsolidated materials?**	☐	Yes	☐	No
2.3	**Will this non-coal (industrial minerals) mining project involve the construction, operation and/or modification of a portable non-metallic (i.e., non-coal) minerals processing plant under the authority of the General Permit for Portable Non-metallic Mineral Processing Plants (i.e., BAQ-PGPA/GP-3)?**	☐	Yes	☐	No
2.4	**For this non-coal (industrial minerals) mining project, will sewage treatment facilities be constructed and treated waste water discharged to surface waters?**	☐	Yes	☐	No
2.5	**Will this non-coal (industrial minerals) mining project involve the construction of a permanent impoundment meeting one or more of the following criteria: (1) a contributory drainage area exceeding 100 acres; (2) a depth of water measured by the upstream toe of the dam at maximum storage elevation exceeding 15 feet; (3) an impounding capacity at maximum storage elevation exceeding 50 acre-feet?**	☐	Yes	☐	No

3.0	**Will your project, activity, or authorization have anything to do with a well related to oil or gas production, have construction within 200 feet of, affect an oil or gas well, involve the waste from such a well, or string power lines above an oil or gas well?** If "Yes", respond to 3.1-3.3. If "No", skip to Question 4.0.	☐	Yes	☒	No
3.1	**Does the oil- or gas-related project involve any of the following: placement of fill, excavation within or placement of a structure, located in, along, across or projecting into a watercourse, floodway or body of water (including wetlands)?**	☐	Yes	☐	No
3.2	**Will the oil- or gas-related project involve discharge of industrial wastewater or stormwater to a dry swale, surface water, ground water or an existing sanitary sewer system or storm water system?** If "Yes", discuss in *Project Description*.	☐	Yes	☐	No
3.3	**Will the oil- or gas-related project involve the construction and operation of industrial waste treatment facilities?**	☐	Yes	☐	No
4.0	**Will the project involve a construction activity that results in earth disturbance?** If "Yes", specify the total disturbed acreage.	☒	Yes	☐	No
	4.0.1 Total Disturbed Acreage + / - 672				
	4.0.2 Will the project discharge or drain to a special protection water (EV or HQ) or an EV wetland?	☒	Yes	☐	No
	4.0.3 Will the project involve a construction activity that results in earth disturbance in the area of the earth disturbance that are contaminated at levels exceeding residential or non-residential medium-specific concentrations (MSCs) in 25 Pa. Code Chapter 250 at residential or non-residential construction sites, respectively?	☐	Yes	☒	No
5.0	**Does the project involve any of the following: water obstruction and/or encroachment, wetland impacts, or floodplain project by the Commonwealth/political subdivision or public utility?** If "Yes", respond to 5.1-5.7. If "No", skip to Question 6.0.	☒	Yes	☐	No
5.1	**Water Obstruction and Encroachment Projects – Does the project involve any of the following: placement of fill, excavation within or placement of a structure, located in, along, across or projecting into a watercourse, floodway or body of water?**	☒	Yes	☐	No
5.2	**Wetland Impacts – Does the project involve any of the following: placement of fill, excavation within or placement of a structure, located in, along, across or projecting into a wetland?**	☒	Yes	☐	No
5.3	**Floodplain Projects by the Commonwealth, a Political Subdivision of the Commonwealth or a Public Utility – Does the project involve any of the following: placement of fill, excavation within or placement of a structure, located in, along, across or projecting into a floodplain?**	☐	Yes	☒	No
5.4	**Is your project an interstate transmission natural gas pipeline?**	☒	Yes	☐	No
5.5	**Does your project consist of linear construction activities which result in earth disturbance in two or more DEP regions AND three or more counties?**	☒	Yes	☐	No
5.6	**Does your project utilize Floodplain Restoration as a best management practice for Post Construction Stormwater Management?**	☐	Yes	☒	No
5.7	**Does your project utilize Class V Gravity / Injection Wells as a best management practice for Post Construction Stormwater Management?**	☐	Yes	☒	No
6.0	**Will the project involve discharge of construction related stormwater to a dry swale, surface water, ground water or separate storm water system?**	☒	Yes	☐	No

6.1	**Will the project involve discharge of industrial waste stormwater or wastewater from an industrial activity or sewage to a dry swale, surface water, ground water or an existing sanitary sewer system or separate storm water system?**	☒	Yes	☐	No
7.0	**Will the project involve the construction and operation of industrial waste treatment facilities?**	☐	Yes	☒	No
8.0	**Will the project involve construction of sewage treatment facilities, sanitary sewers, or sewage pumping stations?** If "Yes", indicate estimated proposed flow (gal/day). Also, discuss the sanitary sewer pipe sizes and the number of pumping stations/treatment facilities/name of downstream sewage facilities in the *Project Description*, where applicable.	☐	Yes	☒	No
	8.0.1 Estimated Proposed Flow (gal/day)				
9.0	**Will the project involve the subdivision of land, or the generation of 800 gpd or more of sewage on an existing parcel of land or the generation of an additional 400 gpd of sewage on an already-developed parcel, or the generation of 800 gpd or more of industrial wastewater that would be discharged to an existing sanitary sewer system?**	☐	Yes	☒	No
	9.0.1 Was Act 537 sewage facilities planning submitted and approved by DEP? If "Yes" attach the approval letter. Approval required prior to 105/NPDES approval.	☐	Yes	☐	No
10.0	**Is this project for the beneficial use of biosolids for land application within Pennsylvania?** If "Yes" indicate how much (i.e. gallons or dry tons per year).	☐	Yes	☒	No
	10.0.1 Gallons Per Year (residential septage)				
	10.0.2 Dry Tons Per Year (biosolids)				
11.0	**Does the project involve construction, modification or removal of a dam?** If "Yes", identify the dam.	☐	Yes	☒	No
	11.0.1 Dam Name				
12.0	**Will the project interfere with the flow from, or otherwise impact, a dam?** If "Yes", identify the dam.	☐	Yes	☒	No
	12.0.1 Dam Name				
13.0	**Will the project involve operations (excluding during the construction period) that produce air emissions (i.e., NOX, VOC, etc.)?**	☒	Yes	☐	No
	13.0.1 If "Yes", is the operation subject to the agricultural exemption in 35 P.S. § 4004.1?	☐	Yes	☒	No

13.0.2 If the answer to 13.0.1 is "No", identify each type of emission followed by the estimated amount of that emission.

Enter all types & amounts of emissions; separate each set with semicolons.

Summary of Compressor Station 515 Estimated Net Operational Potential to Emit (PTE): NOx - 196.8; CO - 314.40; VOC - 50.6; SO2 - 14.0; PM10/PM2.5 - 30.6; Single HAP (formaldehyde)- 8.7; Total HAP - 12.2; CO2e - 511,413 = Annual (tpy)

Summary of Pipeline and M&R Station Estimated Operational Potential to Emit (PTE): VOC - 1.17; Single HAP - 0.20; Total HAP - 0.20; CO2e - 5460.47 = Annual (tpy)

Modifications to Compressor Station 195 and Compressor Station 200 only include uprating existing electric motor-driven compression capacity or piping and valve modifications; therefore, Transco anticipates these facilities will have insignificant operational emissions.

14.0	**Does the project include the construction or modification of a drinking water supply to serve 15 or more connections or 25 or more people, at least 60 days out of the year?** If "Yes", check all proposed sub-facilities.	☐	Yes	☒	No
	14.0.1 Number of Persons Served _____				
	14.0.2 Number of Employee/Guests _____				
	14.0.3 Number of Connections _____				
	14.0.4 Sub-Fac: Distribution System	☐	Yes	☐	No
	14.0.5 Sub-Fac: Water Treatment Plant	☐	Yes	☐	No
	14.0.6 Sub-Fac: Source	☐	Yes	☐	No
	14.0.7 Sub-Fac: Pump Station	☐	Yes	☐	No
	14.0.8 Sub Fac: Transmission Main	☐	Yes	☐	No
	14.0.9 Sub-Fac: Storage Facility	☐	Yes	☐	No
15.0	**Will your project include infiltration of storm water or waste water to ground water within one-half mile of a public water supply well, spring or infiltration gallery?**	☒	Yes	☐	No
16.0	**Is your project to be served by an existing public water supply?** If "Yes", indicate name of supplier and attach letter from supplier stating that it will serve the project.	☐	Yes	☒	No
	16.0.1 Supplier's Name _____				
	16.0.2 Letter of Approval from Supplier is Attached	☐	Yes	☐	No
17.0	**Will this project be served by on-lot drinking water wells?**	☐	Yes	☒	No
18.0	**Will this project involve a new or increased drinking water withdrawal from a river, stream, spring, lake, well or other water bod(ies)?** If "Yes", reference Safe Drinking Water Program.	☐	Yes	☒	No
	18.0.1 Source Name				
19.0	**Will the construction or operation of this project involve treatment, storage, reuse, or disposal of waste?** If "Yes", indicate what type (i.e., hazardous, municipal (including infectious & chemotherapeutic), residual) and the amount to be treated, stored, re-used or disposed.	☐	Yes	☒	No
	19.0.1 Type & Amount				
20.0	**Will your project involve the removal of coal, minerals, contaminated media, or solid waste as part of any earth disturbance activities?**	☐	Yes	☒	No
21.0	**Does your project involve installation of a field constructed underground storage tank?** If "Yes", list each Substance & its Capacity. **Note:** Applicant may need a Storage Tank Site Specific Installation Permit.	☐	Yes	☒	No
	21.0.1 Enter all substances & capacity of each; separate each set with semicolons.				
22.0	**Does your project involve installation of an aboveground storage tank greater than 21,000 gallons capacity at an existing facility?** If "Yes", list each Substance & its Capacity. **Note:** Applicant may need a Storage Tank Site Specific Installation Permit.	☐	Yes	☒	No
	22.0.1 Enter all substances & capacity of each; separate each set with semicolons.				
23.0	**Does your project involve installation of a tank greater than 1,100 gallons which will contain a highly hazardous substance as defined in DEP's Regulated Substances List, 2570-BK-DEP2724?** If "Yes", list each Substance & its Capacity. **Note:** Applicant may need a Storage Tank Site Specific Installation Permit.	☐	Yes	☒	No
	23.0.1 Enter all substances & capacity of each; separate each set with semicolons.				

24.0	**Does your project involve installation of a storage tank at a new facility with a total AST capacity greater than 21,000 gallons?** If "Yes", list each Substance & its Capacity. **Note:** Applicant may need a Storage Tank Site Specific Installation Permit. **24.0.1 Enter all substances & capacity of each; separate each set with semicolons.**	☐	Yes	☒	No

NOTE: If the project includes the installation of a regulated storage tank system, including diesel emergency generator systems, the project may require the use of a Department Certified Tank Handler. For a full list of regulated storage tanks and substances, please go to www.dep.pa.gov search term storage tanks

25.0	**Will the intended activity involve the use of a radiation source?**	☐	Yes	☒	No

CERTIFICATION

I certify that I have the authority to submit this application on behalf of the applicant named herein and that the information provided in this application is true and correct to the best of my knowledge and information.

For applicants supplying an EIN number: I am applying for a permit or authorization from the Pennsylvania Department of Environmental Protection (DEP). As part of this application, I will provide DEP with an accurate EIN number for the applicant entity. By filing this application with DEP, I hereby authorize DEP to confirm the accuracy of the EIN number provided with the Pennsylvania Department of Revenue. As applicant, I further consent to the Department of Revenue discussing the same with DEP prior to issuance of the Commonwealth permit or authorization.

Type or Print Name Joseph Dean

Signature	Title	Date
	Manager, Permitting	02/24/2022

GIF Supporting Information

Project Component	Site	Site Location City	ZIP Code	Detailed Written Directions to Site	Latitude / Longitude
Effort Loop	Eastern Terminus	Saylorsburg	18353	From 209: heading East – Turn Right onto Frable Rd/T432. Follow for 1.7 miles. Turn Right onto Meixsell Valley Road/T361. Follow for .2 miles then turn left. Destination is in ~340 feet. Heading West-Turn Left onto Rte 115. Follow for 1.1 miles, then turn right onto Meixsell Valley Rd/T361. Continue for 1.4 miles then turn left. Destination is in ~340 feet.	40.896796, -75.370606
	Western Terminus	Long Pond	18334	From I-80: Heading East- Take exit 284 for PA-115 towards Blakeslee. Keep right at the fork, follow signs for Lake Harmony/Brodheadsville and merge on PA-115 S. Follow for 3.2 miles. Turn Left onto Long Pond Road. Destination will be in ~.2 miles. Heading West- Take exit 384 for PA-115 S. Turn left onto PA-115 S. Follow for 3.4 miles. Turn Left onto Long Pond Rd. Destination will be in ~.2 miles.	41.053413, -75.526178
Regional Energy Lateral	Eastern Terminus	White Haven	18661	From I-80: Heading West-Take exit 284 towards Blakeslee. Merge onto PA-115 N. Follow for 8.2 Miles. Turn Right onto Ridgeway Ave. Destination will be in .2 miles. Heading East- Take exit 284 towards Blakeslee. Turn left onto PA-115 N. Follow for 8.4 miles. Turn Right onto Ridgeway Ave. Destination will be in .2 miles. From I-476: Heading South- Take exit 105 to merge onto PA-115 S. Follow PA-115 S for 8.4 miles. Turn left onto Ridgeway Ave. Destination will be in .2 Miles	41.173337, -75.671706
	Western Terminus	Dallas	18612	From PA-309: Heading South-Head South on PA-309 S toward Dallas RV and MHP. Turn Left onto Hildebrandt Rd. Follow for .4 miles then turn right onto Conyngham Ave. Follow for .4 miles. Continue onto Fairground Road. Destination will be to the left in .2 Miles. Heading North-Head North on PA-309 N toward Grandview Ave. Turn right onto Hildebrandt Rd. Follow for .4 miles then turn right onto Conyngham Ave. Follow for .4 miles. Continue onto Fairground Road. Destination will be to the left in .2 Miles.	41.346917, -75.946263
Compressor Station 515		White Haven	18661	Same as REL Eastern Terminus	41.173337, -75.671706
Compressor Station 200		Frazer	19355	From I-76: East Bound- Take exit 312 toward PA-100 S/Pottstown Pike (Toll Rd). Keep left at the fork and follow signs for PA-100 S/Downingtown and merge onto PA-100 S/Pottstown Pike. Follow for 2.5 miles. Turn left onto N. Ship Rd and follow for .6 miles. Turn left onto Valley Hill Rd and follow for 1.7 miles. Turn right onto PA-401 E. Follow for .5 miles then turn right onto Bacton Hill Rd. Destination will be in .5 Miles. Heading West-Take exit 320 toward Melvern Turn left onto PA-29 S. Turn right at the 1st cross street onto Flat Rd. Turn right onto Sidley Road and then in .4 miles, turn left onto Phoenixville Pike. In .9 miles turn right onto PA-401 W and follow for 1 mile. Turn left onto N. Bacton Hill Road. Destination will be on the right in .5 miles.	40.049969, -75.585849
Delaware River Regulator/Lower Mud Run Meter Station		Easton	18040	To Delaware River Regulator- From 22: East Bound- Take the 4th Street/PA-248 Exit toward PA-611. Turn Left onto PA-248 E/Bushkill St. Follow for .4 miles then turn left onto PA-611 N. Keep right to continue on PA-611 N/N Delaware Dr and follow for 5 miles. Turn Left onto Lower Mud Run Rd. Destination will be on the left in .4 miles. To Lower Mud Run Meter Station- Head +/- 200' northwest from the Delaware River Regulator. The site is immediately adjacent to Delaware River Regulator.	40.762166, -75.19644/ 40.762706, -75.197631
Main Line A Regulator		Washington Crossing	18977	From I-295: Take exit 10 toward New Hope. Turn left onto Taylorsville Rd. Continue straight to stay on Taylorsville Rd. In .9 miles turn right onto Mt Eyre Rd. Follow for .2 miles then turn right onto PA-32 S. The destination will be on the right in 407 feet.	40.268063, -74.857125

Transcontinental Gas Pipe Line Company, LLC

Requirement I – Project Location Map

Regional Energy Access Expansion Project –
Regional Energy Lateral and Existing Compressor Station 515

April 2021
(Revised March 2022)

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Proposed Facility Modification/Addition
Existing Compressor Station
Mile Post
Existing Springville Pipeline
Proposed Pipeline
Existing Transco Pipelines
Proposed Limits of Disturbance
Municipal Boundaries

Existing Compressor Station 515 and Proposed MLV-515RA10

Notes:
1. Maps Reduced from USGS 7.5 Minute Quadrangles:
Avoca, Kingston, Pittston, Pleasant View Summit, & Wilkes-Barre East

1 Inch = 2,000 Feet
0 2,000 4,000 Feet

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TRANSCONTINENTAL GAS PIPE LINE COMPANY, LLC

REGIONAL ENERGY ACCESS EXPANSION PROJECT
PROPOSED 30" REGIONAL ENERGY LATERAL

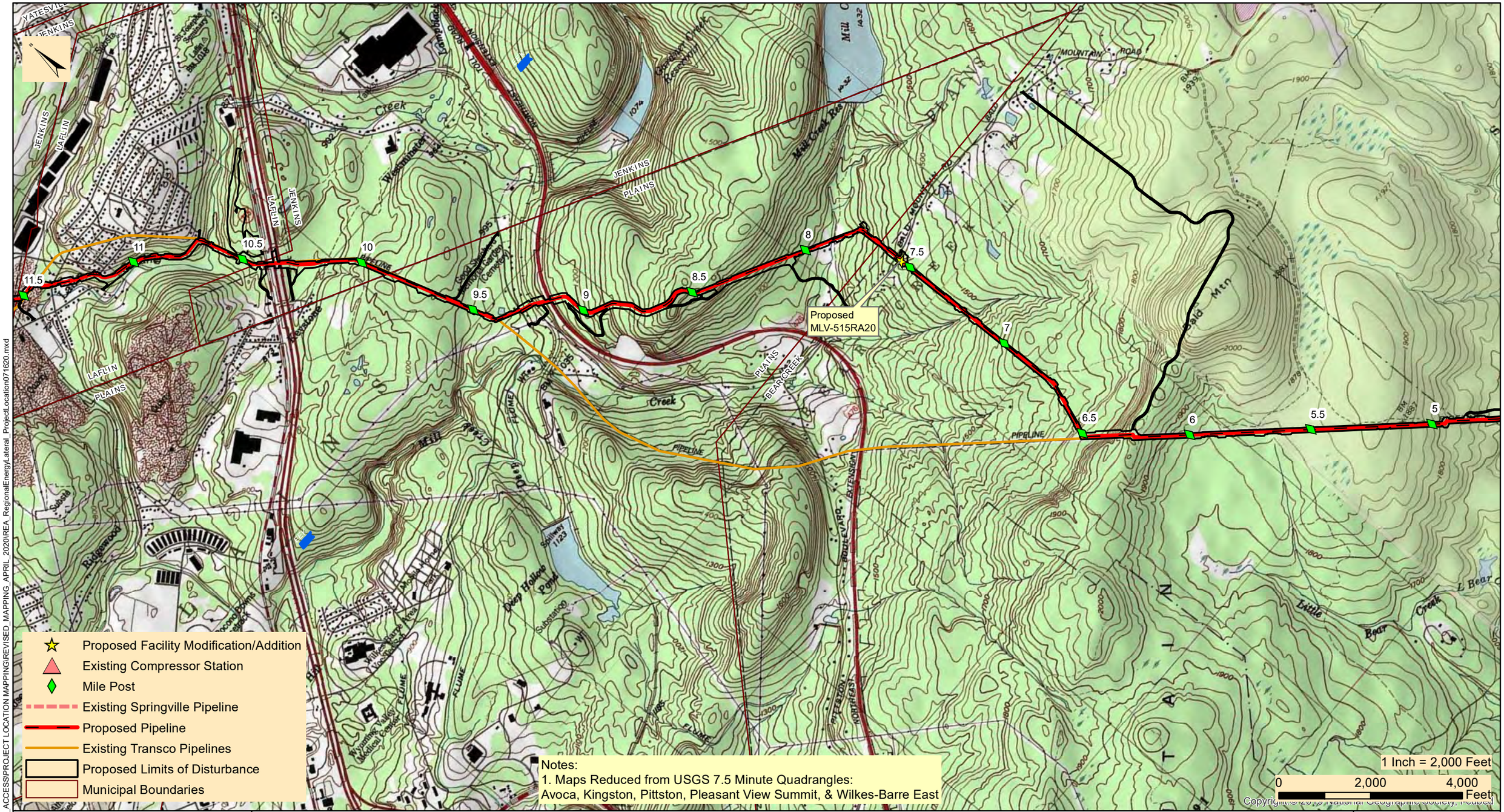
PROJECT LOCATION MAP

BUCK & BEAR CREEK TOWNSHIPS | LUZERNE COUNTY | PENNSYLVANIA

Date: 2/28/2022

Drawn By: FTN

Figure Number: REL-1



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Williams®

TRANSCONTINENTAL GAS PIPE LINE COMPANY, LLC

REGIONAL ENERGY ACCESS EXPANSION PROJECT

PROPOSED 30" REGIONAL ENERGY LATERAL

PROJECT LOCATION MAP

BEAR CREEK, JENKINS, PLAINS TWPS, & LAFLIN BOROUGH | LUZERNE COUNTY | PENNSYLVANIA

Date: 2/28/2022

Drawn By: FTN

Figure Number: REL-2

Carverton Tie-In

Proposed MLV-515RA30

17.5 17 16.5 16 15.5 15 14.5 14 13.5 13 12.5 12 11.5 11 10.5 10

- Proposed Facility Modification/Addition
- Existing Compressor Station
- Mile Post
- Existing Springville Pipeline
- Proposed Pipeline
- Existing Transco Pipelines
- Proposed Limits of Disturbance
- Municipal Boundaries

Notes:
1. Maps Reduced from USGS 7.5 Minute Quadrangles:
Avoca, Kingston, Pittston, Pleasant View Summit, & Wilkes-Barre East

1 Inch = 2,000 Feet
0 2,000 4,000 Feet

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TRANSCONTINENTAL GAS PIPE LINE COMPANY, LLC

REGIONAL ENERGY ACCESS EXPANSION PROJECT

PROPOSED 30" REGIONAL ENERGY LATERAL

PROJECT LOCATION MAP

KINGSTON, JENKINS, WEST WYOMING, WYOMING, & LAFLIN | LUZERNE COUNTY | PENNSYLVANIA

Date: 2/28/2022

Drawn By: FTN

Figure Number: REL-3

M:\GIS\PROJECTS\REGIONAL_ENERGY_ACCESS\PROJECT LOCATION MAPPING\REVISED_MAPPING_APRIL_2020\REA_RegionalEnergyLateral_ProjectLocation071620.mxd

20.5
20
21.5
22
19.5
19
17.5
17
16.5

Hildebrandt Tie-in/
MLV-515RA40

Lower Demunds
REL Tie-In

Carverton
Tie-In

Proposed Facility Modification/Addition
Existing Compressor Station
Mile Post
Existing Springville Pipeline
Proposed Pipeline
Existing Transco Pipelines
Proposed Limits of Disturbance
Municipal Boundaries

Notes:
1. Maps Reduced from USGS 7.5 Minute Quadrangles:
Avoca, Kingston, Pittston, Pleasant View Summit, & Wilkes-Barre East

1 Inch = 2,000 Feet
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TRANSCONTINENTAL GAS PIPE LINE COMPANY, LLC

REGIONAL ENERGY ACCESS EXPANSION PROJECT
PROPOSED 30" REGIONAL ENERGY LATERAL

PROJECT LOCATION MAP

DALLAS, KINGSTON, & WEST WYOMING TOWNSHIP | LUZERNE COUNTY | PENNSYLVANIA

Date: 2/28/2022

Drawn By: FTN

Figure Number: REL-4

Tax Account Number / APN	Legal Desc County	Municipality
10D9 00A08A000	Luzerne	Kingston
10D9 00A09D000	Luzerne	Kingston
10D9 00A010000	Luzerne	Kingston
35D9 00A001000	Luzerne	Kingston
35D9 00A002000	Luzerne	Kingston
35D9 00A005000	Luzerne	Kingston
35D9 00A006000	Luzerne	Kingston
35D9 00A006000	Luzerne	Kingston
35D9 00A006000	Luzerne	Kingston
35D9 00A023000	Luzerne	Kingston
35D9 00A024000	Luzerne	Kingston
35D9 00A024000	Luzerne	Kingston
35D9 00A06B000	Luzerne	Kingston
35D9 00A06C000	Luzerne	Kingston
35D9 00A22B000	Luzerne	Kingston
35D9 00A24C000	Luzerne	Kingston
35D9 00A24E000	Luzerne	Kingston
35D9 00A52A000	Luzerne	Kingston
35D9S2 001007000	Luzerne	Kingston
35D9S2 001008000	Luzerne	Kingston
35D9S2 00104A000	Luzerne	Kingston
35D9S2 00104B000	Luzerne	Kingston
35D9S2 00104E000	Luzerne	Kingston
35D9S4 002012000	Luzerne	Kingston
35D9S4 004023000	Luzerne	Kingston
35D9S5 001002000	Luzerne	Kingston
35D9S5 001003000	Luzerne	Kingston
35D9S5 001004000	Luzerne	Kingston
35D9S5 001005000	Luzerne	Kingston
35D9S5 001006000	Luzerne	Kingston
35E9 00A51J000	Luzerne	Kingston
35E9 00A016000	Luzerne	Kingston
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35E9 00A075000	Luzerne	Kingston
35E9 00A090000	Luzerne	Kingston
35E9 00A17B000	Luzerne	Kingston
35E9 00A18B000	Luzerne	Kingston

Tax Account Number / APN	Legal Desc County	Municipality
35E9 00A33A000	Luzerne	Kingston
35E9 00A51A000	Luzerne	Kingston
35E9 00A51H000	Luzerne	Kingston
35E9 00A55A000	Luzerne	Kingston
35E9 00A56A000	Luzerne	Kingston
35E9 00A56B000	Luzerne	Kingston
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35E9S10 001025000	Luzerne	Kingston
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35E9S3 001VAR000	Luzerne	Kingston
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66E10 00A002000	Luzerne	Kingston
66E10 00A003000	Luzerne	Kingston
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66E10 00A016000	Luzerne	Kingston
66E10 00A01B000	Luzerne	Kingston
66E10 00A05B000	Luzerne	Kingston

COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
BUREAU OF CLEAN WATER

MUNICIPAL NOTIFICATION OF PLANNED LAND DEVELOPMENT FOR CHAPTER 102 PERMITS

PROJECT INFORMATION (COMPLETED BY APPLICANT)

Applicant Name:	**Transcontinental Gas Pipe Line Company, a subsidiary of Williams Partners, L.P.**	Contact Name:	**Joseph Dean** **Manager-Permitting**
Applicant Address:	**2800 Post Oak Blvd, Level 11**	Contact Phone:	**(713) 215-3427**
Applicant City, State, ZIP:	**Houston, TX 77056**	County:	**Luzerne**
		Municipality:	**Laflin**
		Project Area:	**51.86** acres ☐ Phased
		Disturbance:	**31.56** acres

Description of Proposed Land Development and Stormwater Controls:

The Regional Energy Lateral component of the Regional Energy Access Expansion Project will consist of approximately 22.3 miles of 30-inch diameter pipeline, partially co-located with existing Transco Leidy Line-A, in Buck, Bear Creek, Plains, Jenkins, Kingston and Dallas Townships, and Laflin, Wyoming, and West Wyoming Boroughs, Luzerne County, Pennsylvania. The Regional Energy Lateral begins at existing Compressor Station 515 in Buck Township and continues westward to its terminus at Transco's existing Hildebrandt Tie-in in Dallas Township. Transco will be installing four mainline valves with appurtenant equipment, as a means to isolate gas flows along the Regional Energy Lateral. The mainline valve sites at each pipeline terminus (MLV515RA10 at Compressor Station 515 and MLV515RA40 at the Hildebrandt Tie-in) will also have pig traps (industry term for manifolds that launch or receive in-line inspection tools). The other two valve sites are proposed along the pipeline route (MLV515RA20 at Milepost 7.5 and MLV515RA30 at Milepost 14.8). Modifications at three existing pipeline interconnects are proposed to tie-in the proposed pipeline to the existing facilities. The Carverton Tie-In is located at Milepost 16.8. The Lower Demunds Tie-In is located at Milepost 22.3 and also includes a +/- 400-ft segment of 20-in pipeline to connect to the existing facility. The Hildebrandt Tie-In is located at the Regional Energy Lateral pipeline terminus and includes MLV515RA40. Two contractor yards are proposed for the Project and are located adjacent to the pipeline. CY-LU-001 is located at Milepost 15.3 and CY-LU-002 is located at Milepost 10.5. Cathodic protection equipment will be installed along the pipeline route. Deep anode ground beds are proposed at Mileposts 7.5 and 19.8, and one remote anode ground bed is proposed at Milepost 15.3. E&S and PCSM BMP's are proposed within Laflin Borough. PCSM BMP's are associated with stream stabilization.

Tax Parcel ID(s) Affected by Proposed Land Development:

See attached table

Surface Waters Receiving Stormwater Discharges:

Gardner Creek

Discharge to: ☐ MS4 ☐ Other SS ☐ CSS

The following information was submitted to the municipality for this project:

☐ Land Development / Subdivision Plan ☒ E&S Plan ☒ PCSM Plan ☐ Other:

***On March 31, 2021 Transco submitted to you its E&S and PCSM Plans (Plans) as part of the ESCGP-3 permit application notification. The purpose of this notice is to let you know that Transco will be submitting an Erosion and Sediment Control Permit for Discharges of Stormwater Associated with Construction Activities Application to the PA Dept. of Environmental Protection to replace the ESCGP-3 application. Please refer to the previously submitted Plans.**

MUNICIPAL PLAN / ORDINANCE INFORMATION (COMPLETED BY MUNICIPALITY)		
1. Is there an adopted municipal or multi-municipal comprehensive plan?	☐ Yes	☐ No
2. Is there an enacted municipal or multi-municipal zoning ordinance?	☐ Yes	☐ No
3. If Yes to #2, is the proposed project consistent with the ordinance?	☐ Yes	☐ No
4. Is there a municipal stormwater management ordinance?	☐ Yes	☐ No
5. If Yes to #4, is the proposed project consistent with the ordinance, without waiver?	☐ Yes	☐ No

6. If Yes to #4, indicate type of ordinance: ☐ Act 167 Model Ordinance ☐ DEP Model Ordinance (MS4s) ☐ Other

APPLICANT CERTIFICATION	MUNICIPAL ACKNOWLEDGEMENT
I certify under penalty of law (see 18 Pa.C.S. § 4904 (relating to unsworn falsification)) that the information reported herein was prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the information, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.	The municipality acknowledges that a permit application for the above-referenced project has been submitted to a reviewing agency and that notification requirements of Act 14 of 1984 and Acts 67, 68, and 127 of 2000 have been satisfied. The information reported herein by the municipality is true and accurate. The municipality reserves the right to comment to the reviewing agency relative to comprehensive plans, zoning, and stormwater ordinance consistency. Municipal acknowledgment of receipt of notification shall not be construed as project approval.

Joseph Dean

Applicant Name

Municipal Representative Name

Applicant Signature

Municipal Representative Signature

Manager - Permitting

Applicant Title

Municipal Representative Title

07/01/2021

Date of Signature

Date of Signature

Tax Account Number / APN	Legal Desc County	Municipality
36F11 00A007000	Luzerne	Laflin
36F11 00A007000	Luzerne	Laflin
36F11 00A007000	Luzerne	Laflin
36F11 00A007000	Luzerne	Laflin
36F11 00A00D000	Luzerne	Laflin
36F11 00A07M000	Luzerne	Laflin
36F11 00A08A000	Luzerne	Laflin
36F11S5 001015000	Luzerne	Laflin
36F11S5 004001000	Luzerne	Laflin
36F11S5 004004000	Luzerne	Laflin
36F11S5 00405A000	Luzerne	Laflin
36F11S5 005003000	Luzerne	Laflin
36F11S5 005013000	Luzerne	Laflin
36F11S5 005013000	Luzerne	Laflin
36F11S5 005014000	Luzerne	Laflin
36F11S5 005015000	Luzerne	Laflin
36F11S8 06A13B000	Luzerne	Laflin
36F11S8 06A17A000	Luzerne	Laflin
36F11S8 06A19A000	Luzerne	Laflin
36F11S8 06A19B000	Luzerne	Laflin
36F11S8 06A20A000	Luzerne	Laflin
36F11S8 06C009000	Luzerne	Laflin
N/A	Luzerne	Laflin

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WHM CONSULTING, INC

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March 31, 2021

UPS TRACKING (1Z8797VV039228823)

Laflin Borough Supervisors
Laflin Borough Municipal Building
47 Laflin Road
Wilkes Barre, PA 18702-7213

Re: Regional Energy Access Expansion Project– Regional Energy Lateral and Compressor Station 515
Pennsylvania Acts 14, 67, 68, and 127 Notification
Laflin Borough, Luzerne County, Pennsylvania

Dear Borough Supervisors:

This municipal notice, under the requirements of Act 14, 97 P.S. § 510-5, is to inform you that Transcontinental Gas Pipe Line Company, LLC (Transco), a subsidiary of The Williams Companies, Inc. (Williams) is applying for coverage under the Erosion and Sediment Control General Permit (ESCGP-3) for Earth Disturbance Associated with Oil & Gas Exploration, Production, Processing or Treatment Operations or Transmission Facilities from the Pennsylvania Department of Environmental Protection (DEP).

1) Project Name: Regional Energy Access Expansion Project – Regional Energy Lateral and Compressor Station 515

2) Project Description: Transco, indirectly owned by The Williams Companies, Inc. (Williams), is seeking authorization from the Federal Energy Regulatory Commission (FERC or Commission) under Section 7(c) of the Natural Gas Act and Part 157 of the Commission's regulations, to construct, own, operate, and maintain the proposed Project facilities. The Project is an expansion of Transco's existing natural gas transmission system that will enable Transco to provide an incremental 829,400 dekatherms per day (Dth/d) of year-round firm transportation capacity from the Marcellus Shale production area in northeastern Pennsylvania (PA) to multiple delivery points along Transco's Leidy Line in PA, Transco's mainline at the Station 210 Zone 6 Pooling Point in Mercer County, New Jersey (NJ) and multiple delivery points in Transco's Zone 6 in NJ, PA, and Maryland (MD).

The Regional Energy Lateral component of the Project will consist of approximately 22.3 miles of 30-inch diameter pipeline, partially co-located with existing Transco Leidy Line-A, in Buck, Bear Creek, Plains, Jenkins, Kingston and Dallas Townships, and Laflin, Wyoming, and West Wyoming Boroughs, Luzerne County, Pennsylvania. The Regional Energy Lateral begins at existing Compressor Station 515 in Buck Township and continues westward to its terminus at Transco's existing Hildebrandt Tie-in in Dallas Township. Transco will be installing four mainline valves with appurtenant equipment, as a means to isolate gas flows along the Regional Energy Lateral. The mainline valve sites at each pipeline terminus (MLV515RA10 at Compressor Station 515 and MLV515RA40 at the Hildebrandt Tie-in) will also have pig traps (industry term for manifolds that launch or receive in-line inspection tools). The other two valve sites are proposed along the pipeline route (MLV515RA20 at Milepost 7.5 and MLV515RA30 at Milepost 14.8). Modifications at three existing pipeline interconnects are proposed to tie-in the proposed pipeline to the existing facilities. The Carverton Tie-In is located at Milepost 16.8. The Lower Demunds Tie-In is located at Milepost 22.3 and also includes a +/- 400-ft segment of 20-in pipeline to connect to the existing facility. The Hildebrandt Tie-In is located at the Regional Energy Lateral pipeline terminus and includes MLV515RA40. Two contractor yards are proposed for the Project and are located adjacent to the pipeline. CY-LU-001 is located at Milepost 15.3 and CY-LU-002 is located at Milepost 10.5. Cathodic protection

equipment will be installed along the pipeline route. Deep anode ground beds are proposed at Mileposts 7.5 and 19.8, and one remote anode ground bed is proposed at Milepost 15.3.

The existing Compressor Station 515 component of the Project is located at the eastern terminus of the Regional Energy Lateral in Buck Township, Luzerne County. Proposed at this facility is the addition of two gas-fired turbine driven compressor units with 63,742 nominal HP at ISO conditions and modification of three existing compressors to support the Project and to accommodate the abandonment and replacement of approximately 17,000 HP from five existing gas-fired reciprocating engine driven compressors and increase the certificated station compression by 46,742 HP. One Mainline Valve will be installed at this facility (MLV515RA10).

3) Applicant Name: Transcontinental Gas Pipe Line Company, LLC's (Transco), a subsidiary of Williams Partners L.P. (Williams)

4) Applicant Contact: Joseph Dean
Manager, Permitting
2800 Post Oak Blvd, Level 11
Houston, TX 77056
(713) 215-3427

5) Site Location: The proposed Project is located on the Kingston, Pittston, Wilks-Barre East, Pleasant View Summit, Pennsylvania, 7.5 Minute USGS quadrangle. The Project is partially co-located with an existing pipeline right-of-way. The eastern terminus of the Regional Energy Lateral is located at: 41°10'24.037" 75°40'18.141"W, and is also the location of Compressor Station 515. The western pipeline terminus: 41°20'48.869"N, 75°56'46.642"W.

6) Municipality / County: Buck, Bear Creek, Plains, Jenkins, Kingston, and Dallas Townships, Wyoming, West Wyoming, and Laflin Boroughs, Luzerne County

Act 14, which amended the Commonwealth's Administrative Code (71 P.S. § 510-5), requires every applicant for a new, amended, or revised permit to give written notice to each municipality (borough, township) and county government in which the facility is located. The municipality and county government must receive the written notice at least thirty (30) - days before DEP may issue or deny approval of coverage.

Enclosed is a complete copy of the Notice of Intent (NOI) completed for the project as well as copies of the erosion and sediment control plan and post construction stormwater management plans.

Sincerely,

Ryan J. Nelson, PWS
WHM Consulting, LLC

Enclosures:
NOI Form
Erosion and Sediment Control Plan Drawings
Post Construction Stormwater Management Plan Drawings

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pennsylvania
DEPARTMENT OF ENVIRONMENTAL PROTECTION

COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
OFFICE OF WATER PROGRAMS
OFFICE OF OIL AND GAS MANAGEMENT

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AUTH
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NOTICE OF INTENT (NOI) FOR COVERAGE UNDER THE EROSION AND SEDIMENT CONTROL GENERAL PERMIT (ESCGP-3) FOR EARTH DISTURBANCE ASSOCIATED WITH OIL AND GAS EXPLORATION, PRODUCTION, PROCESSING, OR TREATMENT OPERATIONS OR TRANSMISSION FACILITIES

READ THE INSTRUCTIONS PROVIDED IN THIS PERMIT APPLICATION PACKAGE BEFORE COMPLETING THIS FORM. PLEASE PRINT OR TYPE INFORMATION IN BLACK OR BLUE INK.

SECTION A. APPLICATION TYPE

Check one:

NEW ☒ **RENEWAL** ☐ **MAJOR MODIFICATIONS (Provide ESCGP number)** ☐

PHASED ☐ (check only if applicable; *note: Most projects are not submitted as phased projects*)

Check one: EXPEDITED ☐ **STANDARD** ☒

If an Expedited Review Process being requested, be advised that the Expedited Review is not available for all projects. Refer to Section D - Expedited Review Process of the ESCGP-3 NOI Instructions to determine if the project is eligible.

SECTION B. CLIENT INFORMATION

Applicant's Last Name (If applicable)	First Name	MI	Telephone No.
Organization Name or Registered Fictitious Name Transcontinental Gas Pipe Line Company, LLC (Contact: Joseph Dean)			Telephone No. (713) 215-3427
DEP Client ID No.			
Headquarters Mailing Address 2800 Post Oak Blvd, Level 11	City Houston	State TX	ZIP Code 77056
Email Address Joseph.Dean@williams.com			
Co-Applicant's Last Name (If applicable)	First Name	MI	Telephone No.
Organization Name or Registered Fictitious Name			Telephone No.

Address	City	State	ZIP Code
Email Address			

SECTION C. SITE INFORMATION			
Is there an existing ESCGP associated with this site? ☐ Yes ☒ No If yes, Permit No. _____			
Has a well permit application been submitted for this site? ☐ Yes ☒ No If yes, Permit No. _____ Does this site have a 911 address? ☐ Yes ☒ No If yes, provide site location address.			
Site Name Regional Energy Access Expansion Project			
Site Location See Attachment 1-1.1- NOI Supporting Information	Site No. (if another permit has been issued for the site)		
Site Location – City See Attachment 1-1.1- NOI Supporting Information		State PA	ZIP Code
Detailed Written Directions to Site See Attachment 1-1.1- NOI Supporting Information for locations of all project sites			

Primary Location	County	Municipality	City	Boro	Twp.
	Luzerne, Northhampton, Bucks, Chester, and Monroe	Buck, Bear Creek, Plains, Jenkins, Kingston, Lower Mt. Bethel, Ross, Chestnut Hill, Tunkhannock, Lower Makefield, East Whiteland and Dallas Townships Wyoming, West Wyoming, and Laflin Boroughs	☐	☒	☒

SECTION D. EXPEDITED REVIEW	
I. Expedited Review Eligibility	
1. Is any part of the project in the watershed of a surface water with an existing or designated use of exceptional value or high quality pursuant to Chapter 93 (relating to water quality standards), in an exceptional value wetland in accordance with 25 Pa. Code § 105.17, or in the watershed of an impaired surface water where the cause of the impairment is identified as siltation?	☒ Yes ☐ No
2. Will the project in which the well pad will be constructed be in or on a floodplain?	☐ Yes ☒ No
3. Is any earth disturbance located or proposed to be located on land known to be contaminated by the release of regulated substances as defined in Section 103 of Act 2, 35 P.S. § 6026.103?	☐ Yes ☒ No
4. Will naturally occurring geologic formations or soil conditions provide hazards to the project or surrounding environment or have the potential to cause or contribute to pollution when disturbed?	☒ Yes ☐ No
5. Do any unresolved non-compliance issues exist with the applicant or the facility?	☐ Yes ☒ No
6. Is the project a transmission project?	☒ Yes ☐ No

If yes to any of the above questions the project is not eligible for Expedited Review; If the project is eligible for Expedited Review, all the following items must be completed.	
II. Expedited Review Process	
1. Is the technically and administratively complete and accurate NOI package prepared and certified by a licensed professional?	☐ Yes ☐ No
2. Are E&S and PCSM/Site Restoration Plan drawings and narrative prepared and sealed by a licensed professional? *(Include interim restoration details when needed)*	☐ Yes ☐ No
3. Include a Resource Delineation Report and answer the following questions: (If the answer to question a. is "Yes" then skip to #4. If the answer to a. is "No" the applicant must answer "Yes" to at least one of the questions, b. through d. to be eligible for expedited review.)	
a. Were all wetland resources delineated during the growing season?	☐ Yes ☐ No
b. If not during the growing season, was a follow-up visit conducted during the growing season to verify/adjust boundaries and look for potentially missed resources?	☐ Yes ☐ No
c. Was a quality assurance field review conducted at a later date by an independent qualified wetland professional to verify boundaries and look for potentially missed resources? (If yes, attach Quality Assurance Field Review Report)	☐ Yes ☐ No
d. Was a Jurisdictional Determination (JD) or Preliminary JD conducted by the US Army Corps of Engineers on the whole project? (If yes, attach Preliminary or Jurisdictional Determination Report)	☐ Yes ☐ No
4. If applicable, have you included PNDI clearance letters or other documentation from applicable resource agencies?	☐ Yes ☐ No
5. If the project site contains, is along, or within 100 feet of a river, stream, creek, lake, pond or reservoir, will you establish new or preserve existing riparian forest buffer at least 100 feet in width between the top of streambank or normal pool elevation of a lake, pond or reservoir and areas of earth disturbances. If no, will a waiver be obtained? ☐ Yes ☐ No	☐ Yes ☐ No
6. Name of Licensed Professional Company	
Address	
Phone	

SECTION E. PROJECT INFORMATION			
1. Total Project Area/Project Site (Ac):	1,346 (Also see Attachment 1-1.1)	Total Disturbed Area (Ac):	689.8 (Also see Attachment 1-1.1)
Increased disturbed acreage *(for permit modification only)*			
Fee: ***(For additional information regarding fees, refer to NOI Instructions #3 Permit NOI Filing Fees.)***			$ $500 (Filing Fee), $69,000 (Disturbed Acre Fee)
2. Project Name: Regional Energy Access Expansion Project			

3. Project Type (Check all that apply)

- ☐ Oil/Gas Well [1]
- ☐ Gathering Facility
- ☐ Treatment Facility
- ☒ Compressor Station
- ☒ Pipeline
- ☐ Storage Field Facility
- ☐ Other
- ☒ Transmission Facility
- ☐ Processing Facility
- ☐ Well Development Impoundment
- ☐ Non-FERC regulated Transmission Facility
- ☐ Ground/Surface Water Withdrawal Site

[1] If Oil/Gas Well; is the well conventional or unconventional? ☐ Conventional ☐ Unconventional

Project Description

Transco, indirectly owned by The Williams Companies, Inc. (Williams), is seeking authorization from the Federal Energy Regulatory Commission (FERC or Commission) under Section 7(c) of the Natural Gas Act and Part 157 of the Commission's regulations, to construct, own, operate, and maintain the proposed Project facilities

The Project is an expansion of Transco's existing natural gas transmission system that will enable Transco to provide an incremental 829,400 dekatherms per day (Dth/d) of year-round firm transportation capacity from the Marcellus Shale production area in northeastern Pennsylvania (PA) to multiple delivery points along Transco's Leidy Line in PA, Transco's mainline at the Station 210 Zone 6 Pooling Point in Mercer County, New Jersey (NJ) and multiple delivery points in Transco's Zone 6 in NJ, PA, and Maryland (MD). The Project will consist of the following components:
•Approximately 22.3 miles of 30-inch-diameter pipeline partially collocated with Transco's Leidy Line A from milepost (MP) 0.00 to MP 22.32 in Luzerne County, PA (Regional Energy Lateral);
• Approximately 13.8 miles of 42-inch-diameter pipeline collocated with Transco's Leidy Line System from MP 43.72 to MP 57.50 in Monroe County, PA (Effort Loop);
• New gas-fired turbine driven compressor station identified as Compressor Station 201 with 11,107 nominal horsepower (HP) at International Organization of Standardization (ISO) conditions in Gloucester County, NJ;
• Addition of two gas-fired turbine driven compressor units with 31,800 nominal HP at ISO conditions at existing Compressor Station 505 in Somerset County, NJ, to accommodate the abandonment and replacement of approximately 16,000 HP from eight existing internal combustion engine-driven compressor units and increase the certificated station compression by 15,800 HP;
• Addition of two gas-fired turbine driven compressor units with 63,742 nominal HP at ISO conditions and modification of three existing compressors at existing Compressor Station 515 in Luzerne County, PA to support the Project and to accommodate the abandonment and replacement of approximately 17,000 HP from five existing gas-fired reciprocating engine driven compressors and increase the certificated station compression by 46,742 HP;
• Uprate and rewheel two existing electric motor-driven compressor units at existing Compressor Station 195 in York County, PA to increase the certificated station compression by 5,000 HP and accommodate the abandonment of two existing gas-fired reciprocating engine driven compressors which total approximately 8,000 HP of compression;
•Modifications at existing Compressor Station 200 in Chester County, PA;
•Uprate one existing electric motor-driven compressor unit at Compressor Station 207 in Middlesex County, NJ to increase the certificated station compression by 4,100 HP;
• Modifications to three (3) existing pipeline tie-ins in PA (Hildebrandt Tie-in, Lower Demunds REL Tie-in, and Carverton Tie-in);
•Addition of regulation controls at an existing valve setting on Transco's Mainline "A" in Bucks County, PA (Mainline A Regulator);
•Modifications at the existing Delaware River Regulator in Northampton County, PA;
•Modifications at the existing Centerville Regulator in Somerset County, NJ;
•Modifications to the existing valves and piping at the Princeton Junction (Station 210 Pooling Point) in Mercer County, NJ;
• Modifications to three (3) existing delivery meter stations in NJ (Camden M&R Station, Lawnside M&R Station, and Mt. Laurel M&R Station);
•Modifications to one (1) existing delivery meter station in MD (Beaver Dam M&R Station);
•Contractual changes (no modifications) at ten (10) existing delivery meter stations in PA and NJ (Algonquin-Centerville Meter Station, Post Road Meter Station, New Village Meter Station, Spruce Run Meter Station, Marcus Hook Meter Station, Ivyland Meter Station, Repaupo Meter Station, Morgan Meter Station, Lower Mud Run Meter Station, and Chesterfield Meter Station);
• Additional ancillary facilities, such as mainline valves (MLVs), cathodic protection, communication facilities, and internal inspection device (e.g., pig) launchers and receivers in PA; and
• Existing, improved, and new access roads and contractor yards/staging areas in PA, NJ, and MD.
Provide the date of pre-application meeting (if conducted with the Department) 04/27/20, 07/09/20, 09/04/20, 09/30/20, 12/15/20, 12/16/20, 01/06/21, 02/05/21

4. Provide the latitude and longitude coordinates for the center of the project. The coordinates should be in Decimal degrees and North American Datum 1983. The coordinates must meet the current DEP policy regarding locational accuracy. For linear projects provide the project's termini. See Attachment 1-1.1

Latitude (DD) . Longitude (DD) - .

Latitude (DD) . Longitude (DD) - .

Horizontal Collection Method: ☐ GPS ☒ Interpolated from U.S.G.S. Topographic Map ☐ DEP's eMAP

5. U.S.G.S. 7.5 min. topographic quadrangle Name (See Attachment 1-1.1)
(*Include a copy of the project area on the 7.5 min quad map)*

6. Will the project be conducted as a phased permit project? ☐ Yes ☒ No
If Yes, Include Master Site Plan Estimated Timetable for Phased Projects. ☐ Additional sheet(s) attached.

Phase No. or Name	Description	Total Area	Disturbed Area	Start Date	End Date

7. List existing and previous land use for a minimum of the previous 5 years. (See Section 2 of this ESCGP-3 Application)

8. Other Pollutants: Will the stormwater discharge contain pollutional substances other than sediment? ☐ Yes ☒ No

9. Will fuels, chemicals, solvents, other hazardous waste or materials be used or stored on site during earth disturbance activities or will Horizontal Directional Drilling (HDD) activities be conducted?
Yes ☒ No ☐ ***(If yes, Preparedness, Prevention and Contingency (PPC) Plan must be maintained on site during earth disturbance. See NOI Instructions, E.9 PPC Plan Guidance for further information.)***

10. Is the project in the watershed of an impaired surface water where the cause of the impairment is identified as siltation?
Yes ☒ No ☐ (See Section 2-5 of this ESCGP-3 Application) ***(If yes, show how the project will not result in a net change in volume, rate or water quality. See section I below, and E.10 of NOI instructions.)***

11. Are there potentially hazardous naturally occurring geological or soil conditions in any portion of the project or surrounding area? Yes ☒ No ☐

If yes, do the potentially hazardous geologic or soil conditions have the potential to cause or contribute to pollution as a result of the proposed earth disturbance activities?

If no, provide an explanation.

If yes, Geologic Hazard Mitigation Plan must be attached and explain where in this application details are provided.

12. Has the Act 14 Municipal Notification and proof of receipt of notification been attached to the NOI?
Yes ☒ No ☐ ***(If not, the NOI is not complete, see E.12 and #4 Municipal Notification in the NOI Instructions for additional guidance.)***

13. Has the PNDI receipt been attached to the NOI?
Yes ☒ No ☐ ***(If not, the NOI is not complete, see E.13 and #5 PNHP in the NOI Instructions for additional guidance.)***

14. Have the E&S Plan and PCSM/SR Plan been planned and designed to be consistent?
Yes ☒ No ☐

15. Have existing and/or proposed Riparian Forest Buffers been identified?
Yes ☒ N/A ☐ ***(If yes, they must be shown on the E&S Plan as well as the PCSM/SR Plans.)***

16. Have antidegradation implementation requirements for special protection waters been addressed?
Yes ☒ No ☐ N/A ☐ ***(If yes, antidegradation requirements must be included in the plan.)***

17. Has the seasonal high groundwater level been identified and 20-inch separation established at all excavation locations for pits for conventional operations and Well Development Impoundments for unconventional operations?

    Yes ☐ No ☐ N/A ☒

18. Receiving Waters	Chapter 93, Designated Use Stream Classification	Chapter 93, Existing Use Stream Classification
Effort Loop- Lake Creek (HQ-CWF,MF) Princess Run (CWF,MF) Weir Creek (CWF,MF) McMichael Creek (EV, MF) and (HQ-CWF) Pohopoco Creek (CWF,MF) Sugar Hollow Creek (CWF,MF) Poplar Creek (EV,CWF,MF) Mud Run (HQ-CWF, MF) Mud Pond Run (HQ-CWF,EV,MF) Tunkhannock Creek (HQ-CWF,MF) Regional Energy Lateral- Stony Run (HQ-CWF,MF) Shades Creek (HQ-CWF,MF) Little Shades Creek (HQ-CWF,MF) Snider Run (HQ-CWF,MF) Meadow Run (HQ-CWF,MF) Bear Creek (HQ-CWF,MF) Little Bear Creek (HQ-CWF,MF) Mill Creek (CWF,MF) Gardner Creek (CWF,MF) Susquehanna River (WWF,MF) Abrahams Creek (CWF,MF) Toby Creek (CWF,MF) Trout Brook (CWF,MF) Compressor Station 515- Shades Creek (HQ-CWF,MF) Stony Run (HQ-CWF,MF) Compressor Station 200- Valley Creek (EV,MF) Delaware River Regulator- Mud Run (CWF, MF) Mainline "A" Regulator - Dyers Creek (WWF,MF) See Attachment 1-1.1 for detailed list.	☒ HQ ☒ EV ☒ Other CWF, MF, WWF ☒ Siltation-impaired	☐ HQ ☒ EV ☒ Other MF ☐ Siltation-impaired
	☐ HQ ☐ EV ☐ Other _____ ☐ Siltation-impaired	☐ HQ ☐ EV ☐ Other _____ ☐ Siltation-impaired

	☐ HQ ☐ EV ☐ Other _____ ☐ Siltation-impaired ☐ HQ ☐ EV ☐ Other _____ ☐ Siltation-impaired	☐ HQ ☐ EV ☐ Other _____ ☐ Siltation-impaired ☐ HQ ☐ EV ☐ Other _____ ☐ Siltation-impaired
Secondary Receiving Water	Secondary Chapter 93, Designated Use	Secondary Existing Use
Name of Municipal or Private Separate Storm Sewer Operator, if applicable.		
Non-Surface Receiving Water: (include off-site discharges)		

SECTION F. EROSION AND SEDIMENT CONTROL (E&S) PLAN

See the attached Instructions for additional guidance with E&S Plans

Erosion and Sediment Control Plan BMPs should be designed to minimize accelerated erosion and sedimentation through limiting the extent and duration of earth disturbance, protection of existing drainage and vegetation, limiting soil compaction and controlling the generation of increased runoff. The Department recommends the use of the *Pennsylvania Erosion & Sedimentation Pollution Control Program Manual (E&S Manual)* (363-2134-008) to achieve this goal. The E&S Plan must meet the requirements of Pa. Code § 102.4(b) and submitted with the NOI. Also, see section 2. of the NOI instruction for detailed information on completing the E&S plan and additional requirements.

a. E&S Plan Summary

Provide a summary of proposed E&S BMPs and their performance to manage E&S for the project.

Typical BMPs provided along the pipeline Right-Of-Way includes waterbars, trench plugs, compost filter socks, compost sediment traps, rock filter outlets, erosion control blankets, rock construction entrances, temporary equipment bridges, timber mats, diversion channels, level spreaders, mulch and seed. An appropraite sediment removal device (filter bag, dewatering structure) and well-vegetated area will be utilized for trench dewatering. In HQ, EV watersheds, appropriate Antidegradation Best Available Combination of Technologies (ABACT) BMPs will be utilized. Additional information regarding all the proposed BMPs are provided in the Erosion and Sedimentation Control and Site Restoration Plans of respective project components (Section 2 of this ESCGP-3 Application).

b. E&S Plan BMP Design

Check those that apply:

☒ E&S Plan is designed using BMPs in the *E&S Manual*.

☐ E&S Plan is designed using an alternative BMP or design standard approved by DEP.

Note: NOI packages submitted with alternate BMPs not approved by the Department will be returned to the Applicant.

c. Do you have any information regarding riparian buffer which differs from Section G, Riparian Buffer?

Yes ☐ No ☒

Explain:

d. Thermal Impacts Analysis

Explain how thermal impacts associated with this project were avoided, minimized, or mitigated.

Thermal impacts associated with Regional Energy Access Expansion Project will be avoided to the maximum extent possible. Minimum permanent changes in land cover are being proposed for constructing the pipeline facilities. Runoff from impervious areas added during the project will be suitably routed to Stormwater BMPs. Gravel will be used for access roads wherever practicable. To avoid thermal impacts arising from clearing and grading, removal of vegetation will be limited to only that necessary for construction and construction Right-Of-Way will be limited to 75 feet in wetlands and floodways where practical. Once construction activities are complete, disturbed areas will be restored to pre-construction contours and seeded as described in Erosion and Sediment Control and Site Restoration Plans. Temporary workspaces will be restored back with woody and herbaceous species. Thermal impacts assessments corresponding to each project component including pipelines and aboveground facilities are given in Section 2 and 3 of this ESCGP-3 Application.

e. Off-Site Discharge Analysis

Does the activity propose any off-site discharges to areas other than surface waters? ☒ Yes ☐ No

If yes, it is the applicant's responsibility to ensure that they have legal authority for any off-site discharge to neighboring properties.

The applicant must provide a demonstration in both E&S and PCSM/SR plans that the discharge will not cause erosion, damage, or a nuisance to off-site properties.

See Offsite Discharge Analysis Sections in E&S Narratives

SECTION G. RIPARIAN BUFFER

1. Will you be protecting, converting or establishing a voluntary riparian forest buffer as part of this project?
   ☐ Yes ☒ No
   If yes, as part of the PCSM/SR Plan, provide a Buffer Management Plan.
2. Will proposed earth disturbance activities be conducted in an EV or HQ watershed AND within 150 feet of a perennial or intermittent river, stream, or creek, or lake, pond, or reservoir? ☒ Yes ☐ No

   If no, proceed to the next section/module.
3. Does this project qualify for an exception (see § 102.14(d)(1))? ☒ Yes ☐ No

   If yes, indicate below the type of project for which the exception applies by marking the appropriate box.

   ☐ Oil and gas activities for which site reclamation or restoration is part of the permit authorization in Chapter 78 and 78a.

   ☒ Road maintenance activities.

   ☐ The repair or maintenance of existing pipelines and utilities.

   ☐ Other (see §102.14(d)(1))

   If exceptions are checked, explain how existing riparian buffer will be undisturbed to the extent practicable. Provide a demonstration that the requirements of §102.14(b) are met, or provide the necessary information to request a riparian buffer waiver.
4. Are you requesting a riparian buffer waiver for this project (see § 102.14(d)(2))? ☒ Yes ☐ No

   If yes, indicate below the type of project for which you are requesting a waiver by marking the appropriate box.

   ☒ Linear project that may include pipelines, public roadways, rail lines, or utility lines.

   ☒ Project is of a temporary nature where the site will be fully restored to its preexisting conditions during the ESCGP permit term.

   ☒ Project where compliance with mandatory riparian buffers is not appropriate or feasible due to site characteristics or existing structures at the project site.

   ☐ Other (see §102.14(d)(2)):

   If waivers are checked, explain how existing riparian buffers will be undisturbed to the extent practicable.

   Note: If “Yes” to #2 **AND** “No” to #3 and #4, provide an attachment to demonstrate how the requirements of §102.14 are met.

SECTION H. POST CONSTRUCTION STORMWATER MANAGEMENT (PCSM) AND/OR SITE RESTORATION(SR) PLAN

See NOI Instructions for additional guidance with PCSM Plans

PCSM/SR BMPs should be designed to use natural measures to eliminate pollution, infiltrate runoff, not require extensive construction/maintenance, promote pollutant reduction, and preserve the integrity of stream channels. All PCSM/SR BMPs proposed in the PCSM/SR Plan must be designed in accordance with Ch. 102, Ch. 78a for unconventional operations, Ch. 78 for conventional operations and the *Pennsylvania Stormwater Best Management Practices Manual (Stormwater BMP Manual)* (363-0300-002). If alternate design criteria are utilized for the proposed project, they must have prior approval by the Department, or the NOI Application will be returned to the Applicant.

After construction is completed, how much of the entire disturbed area will be restored to meadow in good condition or better, or existing conditions? ☐ All ☒ Partial ☐ None

Include PCSM narrative and drawings for remaining impervious area. Also include a map showing the proposed contours of the site restoration plan.

If there are additional stages of the project prior to permit termination or expiration, list the stages and provide the documents required by subsection 'a' to section 'g' for each stage (e.g. partial restoration or changes to the amount of compacted areas, gravel, and/or impervious areas). Upload a narrative for each additional stage in addition to the drawings.

EXAMPLE

Stage No	Stage Name	PCSM Plan	SR Plan
Stage 1		☐	☐
Stage 2		☐	☐
Stage 3		☐	☐
Stage 4		☐	☐

Act 167 Consistency. Check those that apply.

Is there an Act 167 Plan? ☒ Yes ☐ No

☒ The attached PCSM/SR Plan is consistent with an applicable approved Act 167 Plan.

Complete the following for all approved Act 167 Stormwater Management Plans. (Use additional sheets if necessary)

Act 167 Plan Name	Date Adopted	Consistency Letter Included	
Luzerne County Stormwater Management Ordinance	August 18, 2010	Verification Report Included	☒
Valley Creek Watershed Stormwater Management Plan	February 04, 2011		

Note: A consistency letter is not required if a verification report is provided. See NOI Instructions. The PCSM/SR Plan must satisfy either sub paragraph 1, 2, or 3 below. Check those that apply.

1. ☒ Act 167 Plan approvals on or after January 2005 – The attached PCSM/SR Plan, in its entirety, is consistent with all requirements pertaining to rate, volume, and water quality from an Act 167 Stormwater Management Plan approved by DEP on or after January 2005. Box 1 must be checked if a current, DEP approved Act 167 plan exists.

2. ☒ The PCSM/SR Plan meets the standard design criteria from sections 102.8(g)(2) and (3) and the *Stormwater BMP Manual*. For projects involving oil and gas activities authorized by a permit issued under Chapter 78 or Chapter 78a (well pads) or pipelines and other similar utility infrastructure, post construction stormwater management requirements are met for all areas that are restored to preconstruction conditions or to a condition of meadow in good condition or better. *[Note: PCSM plans must meet both the volume and rate requirements in the regulations, which are provided in the 2 sections mentioned in this paragraph].*

3. ☐ Alternative Design Standard – The attached PCSM/SR Plan was developed using approaches as provided in 102.8(g)(2)(iv) and 102.8(g)(3)(iii). Demonstrate/explain in the space provided below how this standard will be either more protective than what is required in 102.8(g)(2) and 102.8(g)(3) or will maintain and protect existing water quality and existing and designated uses.

PCSM/SR BMP Alternative Standards:

Has the alternative BMP or design standard been approved by the Department?

☐ Yes

☐ No – Do not submit the ESCGP-3 application and see Section (H) of the NOI Instructions concerning the alternative BMP approval process.

Water Quality Compliance:

Does the PCSM/SR plan comply with requirements for volume control? ☒ Yes ☐ No

If yes, is at least 90% of the disturbed area controlled by a PCSM BMP? ☒ Yes ☐ No

If yes, do you have the Standard PCSM Worksheet # 10 attached to show water quality compliance has achieved?
☒ Yes ☐ No

If no, attach Standard PCSM Worksheets # 12 and #13 to show water quality compliance has achieved.

If PCSM/SR plan is not complying with the requirements for volume control, attach Standard PCSM Worksheets # 11, # 12 and #13 to show water quality compliance has achieved.

a. PCSM/SR Plan Summary

Provide a summary of proposed BMPs and their performance to manage PCSM/SR for the project.

Along the pipeline Right-Of-Way, typical E&S BMPs such as waterbars and erosion control blanket will be left in place as part of site restoration. After construction activities are completed, temporary workspaces will be restored to meadow in good condition or better than existing conditions. For the aboveground facilities, PCSM BMPs such as infiltration basins, diversion channels and vegetated swales will be used and left in place as part of site restoration. Additional information regarding all the proposed BMPs are provided in the Post-Construction Stormwater Management Plans of respective project components (Section 3 of this ESCGP-3 Application).

Check all that apply ☒ PCSM BMPs ☒ SR BMPs

b. Do you have any information regarding riparian buffer which differs from what was submitted in the Section G, Riparian Buffer?

☐ Yes ☒ No

Explain:

c. Thermal Impacts Analysis

Explain how thermal impacts associated with this project were avoided, minimized, or mitigated.

Runoff collected in PCSM BMPS such as infiltration basins will mitigate thermal impacts from post construction stormwater. Runoff collected in infiltration basins are discharged to receiving waters are not expected to be retained for more than 24 hours. Minimum permanent changes in land cover are being proposed for constructing the pipeline facilities. Gravel will be used for access roads wherever practicable. Removal of trees and riparian vegetation and addition of impervious surfaces will be limited to only that necessary for construction. Once construction activities are complete, disturbed areas will be restored to pre-construction contours and seeded as described in Erosion and Sedimental Control and Site Restoration Plans. Temporary workspaces will be restored back with woody and herbaceous species. Thermal impacts assessments correspoding to each project component including pipelines and aboveground facilities are given in Section 2 and 3 of this ESCGP-3 Application.

d. Off-Site Discharge Analysis.

Does the activity propose any off-site discharges to areas other than surface waters? ☒ Yes ☐ No

If yes, it is the applicant's responsibility to ensure that they have legal authority for any off-site discharge to neighboring properties.

The Applicant must provide a demonstration in both the E&S and PCSM/SR Plans that the discharge will not cause erosion, damage, or a nuisance to off-site properties.

See Offsite Discharge Analysis Sections in PCSM Narratives

NOI Section H. POST CONSTRUCTION STORMWATER MANAGEMENT (PCSM) PLANS

Summary Calculations of Post Construction Stormwater BMPs

1. Regional Energy Lateral Pipeline - MLV-515RA20
2. Regional Energy Lateral Pipeline - MLV-515RA30
3. Regional Energy Lateral Pipeline - Carverton Tie-in
4. Regional Energy Lateral Pipeline - Lower Demunds REL Tie-in
5. Regional Energy Lateral Pipeline – Hildebrandt Tie-in/MLV-515RA40
6. Effort Loop Pipeline - MLV-505LD86
7. Compressor Station 200
8. Compressor Station 515

NOTICE OF INTENT (NOI) FOR COVERAGE UNDER THE EROSION AND SEDIMENT CONTROL GENERAL PERMIT (ESCGP-3) FOR EARTH DISTURBANCE ASSOCIATED WITH OIL AND GAS EXPLORATION, PRODUCTION, PROCESSING, OR TREATMENT OPERATIONS OR TRANSMISSION FACILITIES

TABLES IN ADDENDUM OF NOI

SECTION H. POST CONSTRUCTION STORMWATER MANAGEMENT (PLAN) BMPs

Regional Energy Lateral Pipeline - MLV-515RA20 - Zenker Valve Yard

e. Summary Table for Supporting Calculation and Measurement Data
(See NOI Instructions for additional guidance with this section)

The remainder of this section (Summary Table for Calculation and Measurement Data) does not need to be completed for areas of projects involving oil and gas activities authorized by Chapter 78 or Chapter 78a (well pads) or pipelines and other similar utility infrastructure which will be restored to meadow in good condition or better or existing conditions.

Watershed Name: Mill Creek

Volume Control design storm frequency 2-year Rainfall amount 2.95 inches	Pre-construction	Post Construction	Net Change
Impervious area (acres)	0.00	0.19	+0.19
Volume of stormwater runoff (acre-feet) without planned stormwater BMPs	0.04	0.06	+0.02
Volume of stormwater runoff (acre-feet) with planned stormwater BMPs		0.03	-0.01
Stormwater discharge rate for the design frequency storm	Pre-construction	Post Construction	Net Change
1) 2-Year/24-Hour	3.51	3.22	-0.29
2) 10-Year/24-Hour	6.82	6.17	-0.65
3) 50-year/24-Hour	11.88	11.12	-0.76
4) 100-year/24-Hour	14.91	14.91	-0.00

f. Summary Description of PCSM/SR BMPs

In the lists below, check the BMPs identified in the PCSM Plan. The primary function(s) of the BMP listed in the functions column (infiltration/recharge; detention/retention; water quality). Additional functions may be added if applicable to that BMP. List the stormwater volume and area of runoff to be treated by each BMP type when calculations are required. If any BMP in the PCSM/SR Plan is not listed below, describe it in the space provided after "Other". A summary table with infiltration testing information (Attachment E, included in the NOI Instructions) must be submitted for all Bio-infiltration BMPs included in PCSM/SR plan.

For Rate control provide the volume of stormwater treated and acres treated for the 100-year/24-hour storm event.

For volume control and water quality provide the volume of stormwater treated and acres treated for the 2-year/24-hour storm event.

Key for BMP purpose(s): VC = Volume Control; RC = Rate Control; and WQ = Water Quality

BMP	Function(s)	Purpose(s)	Volume of stormwater treated	Acres treated
Site Restoration ONLY				
☐ Restore Site to Meadow in Good Condition or Better, or Existing Conditions	Infiltration/Recharge Detention/WQ Treatment	☐ VC ☐ RC ☐ WQ	_____	_____
Bio-infiltration areas	Infiltration/Recharge			
☐ Infiltration Trench		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Infiltration Bed		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Infiltration Basin		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Rain Garden/ Bioretention		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Infiltration Berm				
☐ Vegetated Swale		☐ VC ☐ RC ☐ WQ	_____	_____
Natural Area Conservation	Infiltration/Recharge			
☐ Streamside Buffer Zone		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Wetland Buffer Zone		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Sensitive Area Buffer Zone		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Pre-Construction Drainage Pattern Intact		☐ VC ☐ RC ☐ WQ	_____	_____
Stormwater Retention	Detention/Retention			
☐ Constructed Wetlands		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Wet Ponds		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Retention Basin		☐ VC ☐ RC ☐ WQ	_____	_____
Sediment and Pollutant Removal	Water Quality Treatment			
☐ Vegetated Filter Strips		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Compost Filter Sock		☐ VC ☐ RC ☐ WQ	_____	_____
☒ Detention Basins		☒ VC ☒ RC ☒ WQ	1,396cf(2-yr); 6,186cf(100-yr)	0.28
Access Road Design	Infiltration/Recharge			
☐ Road Crowning		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Ditches		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Turnouts		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Culverts		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Roadside Vegetated Filter Strips		☐ VC ☐ RC ☐ WQ	_____	_____

Stormwater Energy Dissipaters	Infiltration/Recharge			
☐ Level Spreaders		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Riprap Aprons		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Upslope Diversions		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Other_____		☐ VC ☐ RC ☐ WQ	_____	_____

g. Critical PCSM Plan stages

Identify and list critical stages of implementation of the PCSM Plan for which a licensed professional or designee shall be present on site.

1. Upon commencement of construction activities to ascertain the Dry Extended Detention Basin area has been flagged and fence erected to prevent access to the area.

2. At completion of Diversion Channels to ensure they have been constructed to the proposed lines and grades, the specified lining materials have been installed in accordance with the requirements of the plans and specifications, and if applicable, vegetation has been established.

3. At the beginning of construction of the Dry Extended Detention Basin to ensure the infiltration area has not been compacted by construction activities.

4. During construction of the Dry Extended Detention Basin the licensed professional will observe that the BMP is constructed in accordance with the plans and specifications.

5. At completion of Collection Channel C1 to ensure it has been constructed to the proposed line and grade, the specified lining material has been installed in accordance with the requirements of the plans and specifications, and if applicable, vegetation has been established.

6. Following installation of the Valve Yard Pad subgrade to ensure stormwater flow is directed to Collection Channel C1.

7. For final inspection of constructed BMPs.

8. At the establishment of hard surface stabilization or 70% vegetation covers to allow removal of E&S controls.

NOTICE OF INTENT (NOI) FOR COVERAGE UNDER THE EROSION AND SEDIMENT CONTROL GENERAL PERMIT (ESCGP-3) FOR EARTH DISTURBANCE ASSOCIATED WITH OIL AND GAS EXPLORATION, PRODUCTION, PROCESSING, OR TREATMENT OPERATIONS OR TRANSMISSION FACILITIES

TABLES IN ADDENDUM OF NOI

SECTION H. POST CONSTRUCTION STORMWATER MANAGEMENT (PLAN) BMPs

Regional Energy Lateral Pipeline - MLV-515RA30 - Wyoming Valve Yard

b. Summary Table for Supporting Calculation and Measurement Data

(See NOI Instructions for additional guidance with this section)

The remainder of this section (Summary Table for Calculation and Measurement Data) does not need to be completed for areas of projects involving oil and gas activities authorized by Chapter 78 or Chapter 78a (well pads) or pipelines and other similar utility infrastructure which will be restored to meadow in good condition or better or existing conditions.

Watershed Name: Susquehanna-Solomon Creek

Volume Control design storm frequency 2-year Rainfall amount 2.57 inches	Pre-construction	Post Construction	Net Change
Impervious area (acres)	0.00	0.24	+0.24
Volume of stormwater runoff (acre-feet) without planned stormwater BMPs	0.03	0.06	+0.03
Volume of stormwater runoff (acre-feet) with planned stormwater BMPs	[redacted]	0.03	-0.00
Stormwater discharge rate for the design frequency storm	Pre-construction	Post Construction	Net Change
1) 2-Year/24-Hour	0.22	0.02	-0.20
2) 10-Year/24-Hour	0.68	0.03	-0.65
3) 50-year/24-Hour	1.52	0.06	-1.46
4) 100-year/24-Hour	2.06	0.07	-1.99

c. Summary Description of PCSM/SR BMPs

In the lists below, check the BMPs identified in the PCSM Plan. The primary function(s) of the BMP listed in the functions column (infiltration/recharge; detention/retention; water quality). Additional functions may be added if applicable to that BMP. List the stormwater volume and area of runoff to be treated by each BMP type when calculations are required. If any BMP in the PCSM/SR Plan is not listed below, describe it in the space provided after "Other". A summary table with infiltration testing information (Attachment E, included in the NOI Instructions) must be submitted for all Bio-infiltration BMPs included in PCSM/SR plan.

For Rate control provide the volume of stormwater treated and acres treated for the 100-year/24-hour storm event.

For volume control and water quality provide the volume of stormwater treated and acres treated for the 2-year/24-hour storm event.

Key for BMP purpose(s): VC = Volume Control; RC = Rate Control; and WQ = Water Quality

BMP	Function(s)	Purpose(s)	Volume of stormwater treated	Acres treated
Site Restoration ONLY				
☐ Restore Site to Meadow in Good Condition or Better, or Existing Conditions	Infiltration/Recharge Detention/WQ Treatment	☐ VC ☐ RC ☐ WQ	_____	_____
Bio-infiltration areas	Infiltration/Recharge			
☐ Infiltration Trench		☐ VC ☐ RC ☐ WQ	_____	_____
☒ Infiltration Bed		☒ VC ☒ RC ☒ WQ	451cf(2-yr); 2,511cf(100-yr)	0.21
☐ Infiltration Basin		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Rain Garden/ Bioretention		☐ VC ☐ RC ☐ WQ	_____	
☐ Infiltration Berm		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Soil Amendment		☐ VC ☐ RC ☐ WQ	_____	_____
Natural Area Conservation	Infiltration/Recharge			
☐ Streamside Buffer Zone		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Wetland Buffer Zone		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Sensitive Area Buffer Zone		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Pre-Construction Drainage Pattern Intact		☐ VC ☐ RC ☐ WQ	_____	_____
Stormwater Retention	Detention/Retention			
☐ Constructed Wetlands		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Wet Ponds		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Retention Basin		☐ VC ☐ RC ☐ WQ	_____	_____
Sediment and Pollutant Removal	Water Quality Treatment			
☐ Vegetated Filter Strips		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Compost Filter Sock		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Detention Basins		☐ VC ☐ RC ☐ WQ	_____	_____
Access Road Design	Infiltration/Recharge			
☐ Road Crowning		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Ditches		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Turnouts		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Culverts		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Roadside Vegetated Filter Strips		☐ VC ☐ RC ☐ WQ	_____	_____

Stormwater Energy Dissipaters ☐ Level Spreaders ☐ Riprap Aprons ☐ Upslope Diversions ☒ OtherVegetated Swale	Infiltration/Recharge	☐ VC ☐ RC ☐ WQ ☐ VC ☐ RC ☐ WQ ☐ VC ☐ RC ☐ WQ ☒ VC ☒ RC ☒ WQ	_____ _____ _____ 1,009cf(2-yr); 4,264cf(100-yr)	_____ _____ _____ 0.49

d. Critical PCSM Plan stages

Identify and list critical stages of implementation of the PCSM Plan for which a licensed professional or designee shall be present on site.

1. Upon commencement of construction activities to ascertain the Vegetated Swale area has been flagged and fence erected to prevent access to the area.
2. At the beginning of construction of the Vegetated Swale to ensure the infiltration area has not been compacted by construction activities.
3. During construction of the Vegetated Swale the licensed professional will observe that the BMP is constructed in accordance with the plans and specifications.
4. At completion of Collection Channel C1 to ensure it has been constructed to the proposed line and grade, the specified lining material has been installed in accordance with the requirements of the plans and specifications, and if applicable, vegetation has been established.
5. Following installation of the Valve Yard Pad subgrade to ensure stormwater flow is directed to the infiltration berm.
6. For final inspection of constructed BMPs.
7. At the establishment of hard surface stabilization or 70% vegetation covers to allow removal of E&S controls.

NOTICE OF INTENT (NOI) FOR COVERAGE UNDER THE EROSION AND SEDIMENT CONTROL GENERAL PERMIT (ESCGP-3) FOR EARTH DISTURBANCE ASSOCIATED WITH OIL AND GAS EXPLORATION, PRODUCTION, PROCESSING, OR TREATMENT OPERATIONS OR TRANSMISSION FACILITIES

TABLES IN ADDENDUM OF NOI

SECTION H. POST CONSTRUCTION STORMWATER MANAGEMENT (PLAN) BMPs

Regional Energy Lateral Pipeline - Carverton Tie-In

b. Summary Table for Supporting Calculation and Measurement Data

(See NOI Instructions for additional guidance with this section)

The remainder of this section (Summary Table for Calculation and Measurement Data) does not need to be completed for areas of projects involving oil and gas activities authorized by Chapter 78 or Chapter 78a (well pads) or pipelines and other similar utility infrastructure which will be restored to meadow in good condition or better or existing conditions.

Watershed Name: Abrahams Creek

Volume Control design storm frequency 2-year Rainfall amount 2.61 inches	Pre-construction	Post Construction	Net Change
Impervious area (acres)	0.03	0.11	+0.08
Volume of stormwater runoff (acre-feet) without planned stormwater BMPs	0.02	0.03	+0.01
Volume of stormwater runoff (acre-feet) with planned stormwater BMPs	[redacted]	0.00	-0.02
Stormwater discharge rate for the design frequency storm	Pre-construction	Post Construction	Net Change
1) 2-Year/24-Hour	0.46	0.00	-0.46
2) 10-Year/24-Hour	0.91	0.00	-0.91
3) 50-year/24-Hour	1.61	0.00	-1.61
4) 100-year/24-Hour	2.01	0.00	-2.01

c. Summary Description of PCSM/SR BMPs

In the lists below, check the BMPs identified in the PCSM Plan. The primary function(s) of the BMP listed in the functions column (infiltration/recharge; detention/retention; water quality). Additional functions may be added if applicable to that BMP. List the stormwater volume and area of runoff to be treated by each BMP type when calculations are required. If any BMP in the PCSM/SR Plan is not listed below, describe it in the space provided after "Other". A summary table with infiltration testing information (Attachment E, included in the NOI Instructions) must be submitted for all Bio-infiltration BMPs included in PCSM/SR plan.

For Rate control provide the volume of stormwater treated and acres treated for the 100-year/24-hour storm event.

For volume control and water quality provide the volume of stormwater treated and acres treated for the 2-year/24-hour storm event.

Key for BMP purpose(s): VC = Volume Control; RC = Rate Control; and WQ = Water Quality

BMP	Function(s)	Purpose(s)	Volume of stormwater treated	Acres treated
Site Restoration ONLY				
☐ Restore Site to Meadow in Good Condition or Better, or Existing Conditions	Infiltration/Recharge Detention/WQ Treatment	☐ VC ☐ RC ☐ WQ	_____	_____
Bio-infiltration areas	Infiltration/Recharge			
☐ Infiltration Trench		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Infiltration Bed		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Infiltration Basin		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Rain Garden/ Bioretention		☐ VC ☐ RC ☐ WQ	_____	
☒ Infiltration Berm		☒ VC ☒ RC ☒ WQ	1,280cf (2-yr); 4,445cf(100-yr)	0.26
Natural Area Conservation	Infiltration/Recharge			
☐ Streamside Buffer Zone		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Wetland Buffer Zone		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Sensitive Area Buffer Zone		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Pre-Construction Drainage Pattern Intact		☐ VC ☐ RC ☐ WQ	_____	_____
Stormwater Retention	Detention/Retention			
☐ Constructed Wetlands		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Wet Ponds		☒ VC ☒ RC ☒ WQ	_____	_____
☐ Retention Basin		☐ VC ☐ RC ☐ WQ	_____	_____
Sediment and Pollutant Removal	Water Quality Treatment			
☐ Vegetated Filter Strips		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Compost Filter Sock		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Detention Basins		☐ VC ☐ RC ☐ WQ	_____	_____
Access Road Design	Infiltration/Recharge			
☐ Road Crowning		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Ditches		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Turnouts		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Culverts		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Roadside Vegetated Filter Strips		☐ VC ☐ RC ☐ WQ	_____	_____

Stormwater Energy Dissipaters	Infiltration/Recharge			
☐ Level Spreaders		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Riprap Aprons		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Upslope Diversions		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Other_____		☐ VC ☐ RC ☐ WQ	_____	_____

d. Critical PCSM Plan stages

Identify and list critical stages of implementation of the PCSM Plan for which a licensed professional or designee shall be present on site.

1. At the beginning of construction to ascertain the Infiltration Berm area has been flagged and fence erected to prevent access to the area.
2. Following installation of the Valve Yard Pad subgrade to ensure stormwater flow is directed to the infiltration berm.
3. At the beginning of construction of the Infiltration Berm to ensure the infiltration area has not been compacted by construction activities.
4. During construction of the infiltration berm the licensed professional will observe that the berm is constructed in accordance with the plans and specifications.
5. For final inspection of constructed BMPs.
6. At the establishment of hard surface stabilization or 70% vegetation covers to allow removal of E&S controls.

NOTICE OF INTENT (NOI) FOR COVERAGE UNDER THE EROSION AND SEDIMENT CONTROL GENERAL PERMIT (ESCGP-3) FOR EARTH DISTURBANCE ASSOCIATED WITH OIL AND GAS EXPLORATION, PRODUCTION, PROCESSING, OR TREATMENT OPERATIONS OR TRANSMISSION FACILITIES

TABLES IN ADDENDUM OF NOI

SECTION H. POST CONSTRUCTION STORMWATER MANAGEMENT (PLAN) BMPs

Regional Energy Lateral Pipeline - Lower Demunds REL Tie-In

b. Summary Table for Supporting Calculation and Measurement Data

(See NOI Instructions for additional guidance with this section)

The remainder of this section (Summary Table for Calculation and Measurement Data) does not need to be completed for areas of projects involving oil and gas activities authorized by Chapter 78 or Chapter 78a (well pads) or pipelines and other similar utility infrastructure which will be restored to meadow in good condition or better or existing conditions.

Watershed Name: Toby Creek

Volume Control design storm frequency 2-year Rainfall amount 3.40 inches	Pre-construction	Post Construction	Net Change
Impervious area (acres)	0.00	0.12	+0.12
Volume of stormwater runoff (acre-feet) without planned stormwater BMPs	0.02	0.04	+0.02
Volume of stormwater runoff (acre-feet) with planned stormwater BMPs		0.01	-0.01
Stormwater discharge rate for the design frequency storm	Pre-construction	Post Construction	Net Change
1) 2-Year/24-Hour	0.20	0.00	-0.20
2) 10-Year/24-Hour	0.40	0.00	-0.40
3) 50-year/24-Hour	0.71	0.20	-0.51
4) 100-year/24-Hour	0.89	0.51	-0.38

c. Summary Description of PCSM/SR BMPs

In the lists below, check the BMPs identified in the PCSM Plan. The primary function(s) of the BMP listed in the functions column (infiltration/recharge; detention/retention; water quality). Additional functions may be added if applicable to that BMP. List the stormwater volume and area of runoff to be treated by each BMP type when calculations are required. If any BMP in the PCSM/SR Plan is not listed below, describe it in the space provided after "Other". A summary table with infiltration testing information (Attachment E, included in the NOI Instructions) must be submitted for all Bio-infiltration BMPs included in PCSM/SR plan.

For Rate control provide the volume of stormwater treated and acres treated for the 100-year/24-hour storm event.

For volume control and water quality provide the volume of stormwater treated and acres treated for the 2-year/24-hour storm event.

Key for BMP purpose(s): VC = Volume Control; RC = Rate Control; and WQ = Water Quality

BMP	Function(s)	Purpose(s)	Volume of stormwater treated	Acres treated
Site Restoration ONLY				
☐ Restore Site to Meadow in Good Condition or Better, or Existing Conditions	Infiltration/Recharge Detention/WQ Treatment	☐ VC ☐ RC ☐ WQ	_____	_____
Bio-infiltration areas	Infiltration/Recharge			
☐ Infiltration Trench		☐ VC ☐ RC ☐ WQ	_____	_____
☒ Infiltration Bed		☒ VC ☒ RC ☒ WQ	1,481cf(2-yr); 4,356cf(100-yr)	0.17
☐ Infiltration Basin		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Rain Garden/ Bioretention		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Infiltration Berm		☐ VC ☐ RC ☐ WQ	_____	_____
Natural Area Conservation	Infiltration/Recharge			
☐ Streamside Buffer Zone		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Wetland Buffer Zone		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Sensitive Area Buffer Zone		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Pre-Construction Drainage Pattern Intact		☐ VC ☐ RC ☐ WQ	_____	_____
Stormwater Retention	Detention/Retention			
☐ Constructed Wetlands		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Wet Ponds		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Retention Basin		☐ VC ☐ RC ☐ WQ	_____	_____
Sediment and Pollutant Removal	Water Quality Treatment			
☐ Vegetated Filter Strips		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Compost Filter Sock		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Detention Basins		☐ VC ☐ RC ☐ WQ	_____	_____
Access Road Design	Infiltration/Recharge			
☐ Road Crowning		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Ditches		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Turnouts		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Culverts		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Roadside Vegetated Filter Strips		☐ VC ☐ RC ☐ WQ	_____	_____

Stormwater Energy Dissipaters ☐ Level Spreaders ☐ Riprap Aprons ☐ Upslope Diversions ☐ Other_____	Infiltration/Recharge	 ☐ VC ☐ RC ☐ WQ ☐ VC ☐ RC ☐ WQ ☐ VC ☐ RC ☐ WQ ☐ VC ☐ RC ☐ WQ	 _____ _____ _____ _____	 _____ _____ _____ _____

d. Critical PCSM Plan stages

Identify and list critical stages of implementation of the PCSM Plan for which a licensed professional or designee shall be present on site.

1. Upon commencement of construction activities to ascertain the Valve Yard Pad area has been flagged and fence erected to prevent access to the area.
2. At completion of Diversion Berm/Channel to ensure it has been constructed to the proposed lines and grades, the specified lining materials have been installed in accordance with the requirements of the plans and specifications, and if applicable, vegetation has been established.
3. At the beginning of construction of the Valve Yard Pad to ensure the infiltration area has not been compacted by construction activities.
4. During construction of the Valve Yard Pad the licensed professional will observe that the BMP is constructed in accordance with the plans and specifications.
5. Following installation of the Valve Yard Pad subgrade to ensure stormwater flow is directed to the outlet structure.
6. For final inspection of constructed BMPs.
7. At the establishment of hard surface stabilization or 70% vegetation covers to allow removal of E&S controls.

NOTICE OF INTENT (NOI) FOR COVERAGE UNDER THE EROSION AND SEDIMENT CONTROL GENERAL PERMIT (ESCGP-3) FOR EARTH DISTURBANCE ASSOCIATED WITH OIL AND GAS EXPLORATION, PRODUCTION, PROCESSING, OR TREATMENT OPERATIONS OR TRANSMISSION FACILITIES

TABLES IN ADDENDUM OF NOI

SECTION H. POST CONSTRUCTION STORMWATER MANAGEMENT (PLAN) BMPs

Regional Energy Lateral Pipeline – MLV-515RA40-Hildebrandt Tie-In

b. Summary Table for Supporting Calculation and Measurement Data

(See NOI Instructions for additional guidance with this section)

The remainder of this section (Summary Table for Calculation and Measurement Data) does not need to be completed for areas of projects involving oil and gas activities authorized by Chapter 78 or Chapter 78a (well pads) or pipelines and other similar utility infrastructure which will be restored to meadow in good condition or better or existing conditions.

Watershed Name: Toby Creek

Volume Control design storm frequency 2-year Rainfall amount 3.40 inches	Pre-construction	Post Construction	Net Change
Impervious area (acres)	0.0	0.22	+0.22
Volume of stormwater runoff (acre-feet) without planned stormwater BMPs	0.03	0.07	+0.04
Volume of stormwater runoff (acre-feet) with planned stormwater BMPs	[redacted]	0.01	-0.02
Stormwater discharge rate for the design frequency storm	Pre-construction	Post Construction	Net Change
1) 2-Year/24-Hour	0.34	0.20	-0.14
2) 10-Year/24-Hour	0.67	0.38	-0.29
3) 50-year/24-Hour	1.20	0.65	-0.55
4) 100-year/24-Hour	1.52	0.80	-0.72

c. Summary Description of PCSM/SR BMPs

In the lists below, check the BMPs identified in the PCSM Plan. The primary function(s) of the BMP listed in the functions column (infiltration/recharge; detention/retention; water quality). Additional functions may be added if applicable to that BMP. List the stormwater volume and area of runoff to be treated by each BMP type when calculations are required. If any BMP in the PCSM/SR Plan is not listed below, describe it in the space provided after "Other". A summary table with infiltration testing information (Attachment E, included in the NOI Instructions) must be submitted for all Bio-infiltration BMPs included in PCSM/SR plan.

For Rate control provide the volume of stormwater treated and acres treated for the 100-year/24-hour storm event.

For volume control and water quality provide the volume of stormwater treated and acres treated for the 2-year/24-hour storm event.

Key for BMP purpose(s): VC = Volume Control; RC = Rate Control; and WQ = Water Quality

BMP	Function(s)	Purpose(s)	Volume of stormwater treated	Acres treated
Site Restoration ONLY				
☐ Restore Site to Meadow in Good Condition or Better, or Existing Conditions	Infiltration/Recharge Detention/WQ Treatment	☐ VC ☐ RC ☐ WQ	_____	_____
Bio-infiltration areas	Infiltration/Recharge			
☐ Infiltration Trench		☐ VC ☐ RC ☐ WQ	_____	_____
☒ Infiltration Bed		☒ VC ☒ RC ☒ WQ	2,265cf(2-yr); 5,881cf(100-yr)	0.21
☐ Infiltration Basin		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Rain Garden/ Bioretention		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Infiltration Berm				
☐ Vegetated Swale		☐ VC ☐ RC ☐ WQ	_____	_____
Natural Area Conservation	Infiltration/Recharge			
☐ Streamside Buffer Zone		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Wetland Buffer Zone		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Sensitive Area Buffer Zone		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Pre-Construction Drainage Pattern Intact		☐ VC ☐ RC ☐ WQ	_____	_____
Stormwater Retention	Detention/Retention			
☐ Constructed Wetlands		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Wet Ponds		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Retention Basin		☐ VC ☐ RC ☐ WQ	_____	_____
Sediment and Pollutant Removal	Water Quality Treatment			
☐ Vegetated Filter Strips		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Compost Filter Sock		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Detention Basins		☐ VC ☐ RC ☐ WQ	_____	_____
Access Road Design	Infiltration/Recharge			
☐ Road Crowning		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Ditches		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Turnouts		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Culverts		☐ VC ☐ RC ☐ WQ	_____	_____

☐ Roadside Vegetated Filter Strips		☐ VC ☐ RC ☐ WQ	_____	_____
Stormwater Energy Dissipaters	Infiltration/Recharge			
☐ Level Spreaders		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Riprap Aprons		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Upslope Diversions		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Other_____		☐ VC ☐ RC ☐ WQ	_____	_____

d. Critical PCSM Plan stages

Identify and list critical stages of implementation of the PCSM Plan for which a licensed professional or designee shall be present on site.

1. Upon commencement of construction activities to ascertain the Valve Yard Pad area has been flagged and fence erected to prevent access to the area.
2. At completion of Diversion Channel to ensure it has been constructed to the proposed lines and grades, the specified lining materials have been installed in accordance with the requirements of the plans and specifications, and if applicable, vegetation has been established.
3. At the beginning of construction of the Valve Yard Pad to ensure the infiltration area has not been compacted by construction activities.
4. During construction of the Valve Yard Pad the licensed professional will observe that the BMP is constructed in accordance with the plans and specifications.
5. Following installation of the Valve Yard Pad subgrade to ensure stormwater flow is directed to the outlet structure.
6. For final inspection of constructed BMPs.
7. At the establishment of hard surface stabilization or 70% vegetation covers to allow removal of E&S controls.

NOTICE OF INTENT (NOI) FOR COVERAGE UNDER THE EROSION AND SEDIMENT CONTROL GENERAL PERMIT (ESCGP-3) FOR EARTH DISTURBANCE ASSOCIATED WITH OIL AND GAS EXPLORATION, PRODUCTION, PROCESSING, OR TREATMENT OPERATIONS OR TRANSMISSION FACILITIES

TABLES IN ADDENDUM OF NOI

SECTION H. POST CONSTRUCTION STORMWATER MANAGEMENT (PLAN) BMPs

Effort Loop Pipeline-MLV-505LD86 Sugar Hollow Valve Yard

b. Summary Table for Supporting Calculation and Measurement Data

(See NOI Instructions for additional guidance with this section)

The remainder of this section (Summary Table for Calculation and Measurement Data) does not need to be completed for areas of projects involving oil and gas activities authorized by Chapter 78 or Chapter 78a (well pads) or pipelines and other similar utility infrastructure which will be restored to meadow in good condition or better or existing conditions.

Watershed Name: Pohopoco Creek

Volume Control design storm frequency 2-year Rainfall amount 3.26 inches	Pre-construction	Post Construction	Net Change
Impervious area (acres)	0.09	0.62	+0.53
Volume of stormwater runoff (acre-feet) without planned stormwater BMPs	0.35	0.44	+0.09
Volume of stormwater runoff (acre-feet) with planned stormwater BMPs	[redacted]	0.28	-0.07
Stormwater discharge rate for the design frequency storm DA-1	Pre-construction	Post Construction	Net Change
1) 2-Year/24-Hour	0.01	0.01	-0.00
2) 10-Year/24-Hour	0.37	0.31	-0.06
3) 50-year/24-Hour	5.89	4.21	-1.68
4) 100-year/24-Hour	11.47	8.28	-3.19
Stormwater discharge rate for the design frequency storm DA-2	Pre-construction	Post Construction	Net Change
1) 2-Year/24-Hour	4.51	3.97	-0.54
2) 10-Year/24-Hour	12.49	12.28	-0.21
3) 50-year/24-Hour	26.58	24.35	-2.23
4) 100-year/24-Hour	35.41	31.74	-3.67

c. Summary Description of PCSM/SR BMPs

In the lists below, check the BMPs identified in the PCSM Plan. The primary function(s) of the BMP listed in the functions column (infiltration/recharge; detention/retention; water quality). Additional functions may be added if applicable to that BMP. List the stormwater volume and area of runoff to be treated by each BMP type when calculations are required. If any BMP in the PCSM/SR Plan is not listed below, describe it in the space provided after "Other". A summary table with infiltration testing information (Attachment E, included in the NOI Instructions) must be submitted for all Bio-infiltration BMPs included in PCSM/SR plan.

For Rate control provide the volume of stormwater treated and acres treated for the 100-year/24-hour storm event.

For volume control and water quality provide the volume of stormwater treated and acres treated for the 2-year/24-hour storm event.

Key for BMP purpose(s): VC = Volume Control; RC = Rate Control; and WQ = Water Quality

BMP	Function(s)	Purpose(s)	Volume of stormwater treated	Acres treated
Site Restoration ONLY				
☐ Restore Site to Meadow in Good Condition or Better, or Existing Conditions	Infiltration/Recharge Detention/WQ Treatment	☐ VC ☐ RC ☐ WQ	_____	_____
Bio-infiltration areas	Infiltration/Recharge			
☐ Infiltration Trench		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Infiltration Bed		☐ VC ☐ RC ☐ WQ	_____	_____
☒ Infiltration Basin		☒ VC ☒ RC ☒ WQ	1,123cf(2-yr); 21,318cf(100-yr)	2.85
☐ Rain Garden/ Bioretention		☐ VC ☐ RC ☐ WQ	_____	_____
☒ Infiltration Berm		☒ VC ☒ RC ☒ WQ	5,915cf(2-yr); 26,924cf(100-yr)	1.54
Natural Area Conservation	Infiltration/Recharge			
☐ Streamside Buffer Zone		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Wetland Buffer Zone		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Sensitive Area Buffer Zone		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Pre-Construction Drainage Pattern Intact		☐ VC ☐ RC ☐ WQ	_____	_____
Stormwater Retention	Detention/Retention			
☐ Constructed Wetlands		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Wet Ponds		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Retention Basin		☐ VC ☐ RC ☐ WQ	_____	_____
Sediment and Pollutant Removal	Water Quality Treatment			
☐ Vegetated Filter Strips		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Compost Filter Sock		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Detention Basins		☐ VC ☐ RC ☐ WQ	_____	_____
Access Road Design	Infiltration/Recharge			
☐ Road Crowning		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Ditches		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Turnouts		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Culverts		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Roadside Vegetated Filter Strips		☐ VC ☐ RC ☐ WQ	_____	_____

Stormwater Energy Dissipaters	Infiltration/Recharge			
☐ Level Spreaders		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Riprap Aprons		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Upslope Diversions		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Other_____		☐ VC ☐ RC ☐ WQ	_____	_____

d. Critical PCSM Plan stages

Identify and list critical stages of implementation of the PCSM Plan for which a licensed professional or designee shall be present on site.

1. For the final grading of the access road, ensuring it is constructed according to the plan details for proper conveyance of runoff.
2. Following final grading and seeding of the diversion channels and basin, in order to confirm they have been constructed according to the plan details for proper collection and conveyance of runoff. Periodic assessments will need to be made to ensure accumulated sediment have been cleaned out so the channels and basin maintain the necessary design volumes.
3. During the layout and excavation of the outlet control structure, the professional or delegate will ensure sizing, materials specifications, and construction procedures are followed to enable proper storage in the basin.
4. Following final grading and seeding of the infiltration berm in order to confirm they have been constructed according to the plan details for proper collection, infiltration, and conveyance of runoff. Periodic assessment will need to be made to ensure that accumulated sediment have been cleaned out so the area behind the berm maintains the necessary design volume.
5. For final inspection of constructed channels, basin and berms.
6. At the establishment of hard surface stabilization or 70% vegetation covers to allow removal of E&S controls.

NOTICE OF INTENT (NOI) FOR COVERAGE UNDER THE EROSION AND SEDIMENT CONTROL GENERAL PERMIT (ESCGP-3) FOR EARTH DISTURBANCE ASSOCIATED WITH OIL AND GAS EXPLORATION, PRODUCTION, PROCESSING, OR TREATMENT OPERATIONS OR TRANSMISSION FACILITIES

TABLES IN ADDENDUM OF NOI

SECTION H. POST CONSTRUCTION STORMWATER MANAGEMENT (PLAN) BMPs

Compressor Station 200

b. Summary Table for Supporting Calculation and Measurement Data

(See NOI Instructions for additional guidance with this section)

The remainder of this section (Summary Table for Calculation and Measurement Data) does not need to be completed for areas of projects involving oil and gas activities authorized by Chapter 78 or Chapter 78a (well pads) or pipelines and other similar utility infrastructure which will be restored to meadow in good condition or better or existing conditions.

Watershed Name: Valley Creek

Volume Control design storm frequency 2-year Rainfall amount 3.30 inches	Pre-construction	Post Construction	Net Change
Impervious area (acres)	0.25	0.40	+0.15
Volume of stormwater runoff (acre-feet) without planned stormwater BMPs	0.07	0.11	+0.04
Volume of stormwater runoff (acre-feet) with planned stormwater BMPs	[redacted]	0.07	-0.00
Stormwater discharge rate for the design frequency storm	Pre-construction	Post Construction	Net Change
1) 2-Year/24-Hour	1.03	0.15	-0.88
2) 10-Year/24-Hour	2.06	1.39	-0.67
3) 50-year/24-Hour	3.19	2.79	-0.40
4) 100-year/24-Hour	3.97	3.50	-0.47

c. Summary Description of PCSM/SR BMPs

In the lists below, check the BMPs identified in the PCSM Plan. The primary function(s) of the BMP listed in the functions column (infiltration/recharge; detention/retention; water quality). Additional functions may be added if applicable to that BMP. List the stormwater volume and area of runoff to be treated by each BMP type when calculations are required. If any BMP in the PCSM/SR Plan is not listed below, describe it in the space provided after "Other". A summary table with infiltration testing information (Attachment E, included in the NOI Instructions) must be submitted for all Bio-infiltration BMPs included in PCSM/SR plan.

For Rate control provide the volume of stormwater treated and acres treated for the 100-year/24-hour storm event.

For volume control and water quality provide the volume of stormwater treated and acres treated for the 2-year/24-hour storm event.

Key for BMP purpose(s): VC = Volume Control; RC = Rate Control; and WQ = Water Quality

BMP	Function(s)	Purpose(s)	Volume of stormwater treated	Acres treated
Site Restoration ONLY				
☐ Restore Site to Meadow in Good Condition or Better, or Existing Conditions	Infiltration/Recharge Detention/WQ Treatment	☐ VC ☐ RC ☐ WQ	_____	_____
Bio-infiltration areas	Infiltration/Recharge			
☐ Infiltration Trench		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Infiltration Bed		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Infiltration Basin		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Rain Garden/ Bioretention		☐ VC ☐ RC ☐ WQ	_____	_____
☒ Infiltration Berm		☒ VC ☒ RC ☒ WQ	3,790cf(2-yr); 11,631cf(100-yr)	0.56
Natural Area Conservation	Infiltration/Recharge			
☐ Streamside Buffer Zone		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Wetland Buffer Zone		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Sensitive Area Buffer Zone		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Pre-Construction Drainage Pattern Intact		☐ VC ☐ RC ☐ WQ	_____	_____
Stormwater Retention	Detention/Retention			
☐ Constructed Wetlands		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Wet Ponds		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Retention Basin		☐ VC ☐ RC ☐ WQ	_____	_____
Sediment and Pollutant Removal	Water Quality Treatment			
☐ Vegetated Filter Strips		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Compost Filter Sock		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Detention Basins		☐ VC ☐ RC ☐ WQ	_____	_____
Access Road Design	Infiltration/Recharge			
☐ Road Crowning		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Ditches		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Turnouts		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Culverts		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Roadside Vegetated Filter Strips		☐ VC ☐ RC ☐ WQ	_____	_____

Stormwater Energy Dissipaters ☐ Level Spreaders ☐ Riprap Aprons ☐ Upslope Diversions ☐ Other_____	Infiltration/Recharge	 ☐ VC ☐ RC ☐ WQ ☐ VC ☐ RC ☐ WQ ☐ VC ☐ RC ☐ WQ ☐ VC ☐ RC ☐ WQ	 _____ _____ _____ _____	 _____ _____ _____ _____

d. Critical PCSM Plan stages

Identify and list critical stages of implementation of the PCSM Plan for which a licensed professional or designee shall be present on site.

1. Following final grading and seeding of the infiltration berm in order to confirm it has been constructed according to the plan details for proper collection, infiltration, and conveyance of runoff. Periodic assessments will need to be made to ensure that accumulated sediment should be cleaned out so the channels and berm maintain necessary design volume.
2. For final inspection of constructed BMPs.
3. At the establishment of hard surface stabilization or 70% vegetation covers to allow removal of E & S controls.

NOTICE OF INTENT (NOI) FOR COVERAGE UNDER THE EROSION AND SEDIMENT CONTROL GENERAL PERMIT (ESCGP-3) FOR EARTH DISTURBANCE ASSOCIATED WITH OIL AND GAS EXPLORATION, PRODUCTION, PROCESSING, OR TREATMENT OPERATIONS OR TRANSMISSION FACILITIES

TABLES IN ADDENDUM OF NOI

SECTION H. POST CONSTRUCTION STORMWATER MANAGEMENT (PLAN) BMPs

Compressor Station 515

b. Summary Table for Supporting Calculation and Measurement Data

(See NOI Instructions for additional guidance with this section)

The remainder of this section (Summary Table for Calculation and Measurement Data) does not need to be completed for areas of projects involving oil and gas activities authorized by Chapter 78 or Chapter 78a (well pads) or pipelines and other similar utility infrastructure which will be restored to meadow in good condition or better or existing conditions.

Watershed Name: Bear Creek

Volume Control design storm frequency 2-year Rainfall amount 3.40 inches	Pre-construction	Post Construction	Net Change
Impervious area (acres)	0.34	2.44	+2.10
Volume of stormwater runoff (acre-feet) without planned stormwater BMPs	0.50	0.81	+0.31
Volume of stormwater runoff (acre-feet) with planned stormwater BMPs	[redacted]	0.18	-0.32
Stormwater discharge rate for the design frequency storm	Pre-construction	Post Construction	Net Change
1) 2-Year/24-Hour	5.46	1.76	-3.70
2) 10-Year/24-Hour	10.19	8.30	-1.89
3) 50-year/24-Hour	16.85	9.55	-7.30
4) 100-year/24-Hour	20.81	9.58	-11.23

c. Summary Description of PCSM/SR BMPs

In the lists below, check the BMPs identified in the PCSM Plan. The primary function(s) of the BMP listed in the functions column (infiltration/recharge; detention/retention; water quality). Additional functions may be added if applicable to that BMP. List the stormwater volume and area of runoff to be treated by each BMP type when calculations are required. If any BMP in the PCSM/SR Plan is not listed below, describe it in the space provided after "Other". A summary table with infiltration testing information (Attachment E, included in the NOI Instructions) must be submitted for all Bio-infiltration BMPs included in PCSM/SR plan.

For Rate control provide the volume of stormwater treated and acres treated for the 100-year/24-hour storm event.

For volume control and water quality provide the volume of stormwater treated and acres treated for the 2-year/24-hour storm event.

Key for BMP purpose(s): VC = Volume Control; RC = Rate Control; and WQ = Water Quality

BMP	Function(s)	Purpose(s)	Volume of stormwater treated	Acres treated
Site Restoration ONLY				
☐ Restore Site to Meadow in Good Condition or Better, or Existing Conditions	Infiltration/Recharge Detention/WQ Treatment	☐ VC ☐ RC ☐ WQ	_____	_____
Bio-infiltration areas	Infiltration/Recharge			
☐ Infiltration Trench		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Infiltration Bed		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Infiltration Basin		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Rain Garden/ Bioretention		☐ VC ☐ RC ☐ WQ	_____	_____
☒ Infiltration Berm		☒ VC ☒ RC ☒ WQ	31,799cf(2-yr); 96,268cf(100-yr)	3.83
Natural Area Conservation	Infiltration/Recharge			
☐ Streamside Buffer Zone		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Wetland Buffer Zone		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Sensitive Area Buffer Zone		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Pre-Construction Drainage Pattern Intact		☐ VC ☐ RC ☐ WQ	_____	_____
Stormwater Retention	Detention/Retention			
☐ Constructed Wetlands		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Wet Ponds		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Retention Basin		☐ VC ☐ RC ☐ WQ	_____	_____
Sediment and Pollutant Removal	Water Quality Treatment			
☐ Vegetated Filter Strips		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Compost Filter Sock		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Detention Basins		☐ VC ☐ RC ☐ WQ	_____	_____
Access Road Design	Infiltration/Recharge			
☐ Road Crowning		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Ditches		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Turnouts		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Culverts		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Roadside Vegetated Filter Strips		☐ VC ☐ RC ☐ WQ	_____	_____

Stormwater Energy Dissipaters	Infiltration/Recharge			
☐ Level Spreaders		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Riprap Aprons		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Upslope Diversions		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Other_____		☐ VC ☐ RC ☐ WQ	_____	_____

d. Critical PCSM Plan stages

Identify and list critical stages of implementation of the PCSM Plan for which a licensed professional or designee shall be present on site.

1. Following final grading and seeding of the collection channels and infiltration berm in order to confirm they have been constructed according to the plan details for proper collection, infiltration, and conveyance of runoff. Periodic assessments will need to be made to ensure that accumulated sediment should be cleaned out so the channels and berm maintain necessary design volume.
2. For final inspection of constructed BMPs.
3. At the establishment of hard surface stabilization or 70% vegetation covers to allow removal of E & S controls.

SECTION I. ANTIDEGRADATION ANALYSIS

This section must be completed where earth disturbance activities will be conducted in the watershed of a surface water with an existing or designated use of exceptional value or high quality pursuant to Chapter 93 (relating to water quality standards), projects where any part is located in an exceptional value wetland in accordance with 25 Pa. Code § 105.17, and projects where any part is located in the watershed of an impaired surface water where the cause of impairment is identified as siltation.

Part 1 - NONDISCHARGE ALTERNATIVES EVALUATION

The applicant must consider and describe any and all non-discharge alternatives for the entire project area which are environmentally sound and will**:**

- Minimize accelerated erosion and sedimentation during the earth disturbance activity
- Achieve no net change from pre-development to post-development volume, rate and concentration of pollutants in water quality

E & S Plan	PCSM/SR Plan
Check off the environmentally sound nondischarge Best Management Practices (BMPs) listed below to be used prior to, during, and after earth disturbance activities that have been incorporated into your E & S Plan based on the site analysis. For non-discharge BMPs not checked, provide an explanation of why they were not utilized. Also for BMPs checked, provide an explanation of why they were utilized. (Provide the analysis and attach additional sheets if necessary) See Section 2 of this ESCGP-3 Application	Check off the environmentally sound nondischarge Best Management Practices (BMPs) listed below to be used after construction that have been incorporated into the PCSM/SR Plan based on your site analysis. For non-discharge BMPs not checked, provide an explanation of why they were not utilized. Also for BMPs checked, provide an explanation of why they were utilized. (Provide the analysis and attach additional sheets if necessary) See Section 3 of this ESCGP-3 Application
Nondischarge BMPs ☐ Alternative Siting ☐ Alternative location ☐ Alternative configuration ☐ Alternative location of discharge ☒ Limited Disturbed Area ☐ Limiting Extent & Duration of Disturbance (Phasing, Sequencing) ☐ Riparian Buffers (150 ft. min.) ☐ Riparian Forest Buffer (150 ft. min.) ☐ Other _____	**Nondischarge BMPs** ☐ Alternative Siting ☐ Alternative location ☐ Alternative configuration ☐ Alternative location of discharge ☐ Low Impact Development (LID / BSD) ☐ Riparian Buffers (150 ft. min.) ☐ Riparian Forest Buffer (150 ft. min.) ☒ Infiltration ☐ Water Reuse ☐ Other _____
Will the non-discharge alternative BMPs eliminate the net change in rate, volume and quality during construction? ☐ Yes ☒ No If yes, antidegradation analysis is complete. If no, proceed to Part 2.	Will the non-discharge alternative BMPs eliminate the net change in rate, volume and quality after construction? ☐ Yes ☒ No If yes, antidegradation analysis is complete. If no, proceed to Part 2.

PART 2 - ANTIDEGRADATION BEST AVAILABLE COMBINATION OF TECHNOLOGIES (ABACT)

If the net change in stormwater discharge from or after construction is not fully managed by nondischarge BMPs, the applicant must utilize ABACT BMPs to manage the difference. The Applicant must specify whether the discharge will occur during construction, post-construction or both, and identify the technologies that will be used to ensure that the discharge will be a non-degrading discharge. ABACT BMPs include but are not limited to:

E & S Plan	PCSM/SR Plan
☒ **Treatment BMPs:** ☐ Sediment basin with skimmer ☐ Sediment basin ratio of 4:1 or greater (flow length to basin width) ☐ Sediment basin with 4-7 day detention ☐ Flocculants ☒ Compost Filter Socks ☒ Compost Filter Sock Sediment Basin ☒ RCE w/ Wash Rack ☒ **Land disposal:** ☐ Vegetated filters ☐ Riparian buffers <150ft. ☐ Riparian Forest Buffer <150ft. ☒ Immediate stabilization ☒ **Pollution prevention:** ☒ PPC Plans ☒ Street sweeping ☒ Channels, collectors and diversions lined with permanent vegetation, rock, geotextile or other non-erosive materials ☐ **Stormwater reuse technologies:** ☐ Sediment basin water for dust control ☐ Sediment basin water for irrigation ☐ **Other** _____	☒ **Treatment BMPs:** ☒ Infiltration Practices ☐ Wet ponds ☐ Created wetland treatment systems ☒ Vegetated swales ☐ Manufactured devices ☒ Bio-retention/infiltration ☐ Green Roofs ☐ **Land disposal:** ☐ Vegetated filters ☐ Riparian Buffers <150ft. ☐ Riparian Forest Buffer <150ft. ☐ Disconnection of roof drainage ☐ Bio-retention/bio-infiltration ☒ **Pollution prevention:** ☐ Street sweeping ☐ Nutrient, pesticide, herbicide or other chemical application plan alternatives ☒ PPC Plans ☒ Non-structural Practices ☒ Restoration BMPs ☐ **Stormwater reuse technologies:** ☐ Divert rainwater into impoundment ☐ Underground storage ☐ Spray/Drip Irrigation ☐ **Other** _____
Are the ABACT BMPs selected sufficient to minimize E&S discharges to the extent that existing or designated surface water uses are protected? ☒ Yes ☐ No If yes, Antidegradation analysis is complete. If no, NOI Application will be returned to the Applicant.	Are the ABACT BMPs selected sufficient to achieve no net change and assure that existing or designated surface water uses are protected? ☒ Yes ☐ No If yes, Antidegradation analysis is complete. If no, NOI Application will be returned to the Applicant.

SECTION J. COMPLIANCE HISTORY REVIEW

Is/was the applicant(s) in violation of any Department regulation, order, schedule of compliance or permit or in violation of any department regulated activities within the past five years?

☒ Yes ☐ No

If yes, provide the permit number or facility name, a brief description of the violation, the compliance schedule (including dates and steps to achieve compliance) and the current compliance status. (Attach additional information on a separate sheet, when necessary)

Permit Program or Activity: Chapter 102, Chapter 105, PAG-10
Permit Number (if applicable):

1. **ESG03000150001, ESG00350150001, ESG00081150001**
2. **E41-649**
3. **E-19-311, E36-947, E-38-195, E40-769,E49-336, E54-360, E58-315, E66-160, E41-667, E18-495,**
4. **PAG109632**

Brief Description of non-compliance:

Consent Assessment of Civil Penalty, Reports past due.

Steps taken to achieve compliance	Date(s) compliance achieved
1. Consent Assessment of Civil Penalty 2. Consent Assessment of Civil Penalty. Permits being obtained to complete channel restoration 3. Consent Assessment of Civil Penalty 4. All past due reports were provided to PADEP	1. 9/20/2020 2. 8/9/2020 3. 9/20/2020 4. 12/14/2017

Current Compliance Status: ☒ In-Compliance ☐ In Non-Compliance

If in non-compliance, attach schedule for achieving compliance.

SECTION K. CERTIFICATION BY PERSON PREPARING E&S AND PCSM/SR PLANS

I do hereby certify to the best of my knowledge, information, and belief, that the Erosion and Sediment Control and PCSM/Site Restoration Plans are true and correct, represent actual field conditions, and are in accordance with the 25 Pa. Code Chapters 78/78a and 102 of the Department's rules and regulations. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment.

Print Name Kevin C. Clark	Signature	Professional Seal
Company BAI Group, LLC		
Address 2525 Green Tech Drive, Suite D, State College, PA-16803		
Phone (814) 238-2060		
Most Recent DEP Training Attended _____	Location _____ Date _____	
e-Mail Address kclark@baigroupllc.com		

EXPEDITED REVIEW PROCESS

In addition to the certification required above, applicants using the expedited permit review process must attach an E&S and PCSM/Site Restoration Plans developed and sealed by a licensed professional engineer, surveyor or professional geologist. The plans shall contain the following certification:

*I do hereby certify to the best of my knowledge, information, and belief, that the E & S Control and PCSM/SR BMPs are true and correct, represent actual field conditions and are in accordance with the 25 Pa. Code Chapters 78 / 78a and 102 of the Department's rules and regulations. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment***.**

SECTION L. APPLICANT CERTIFICATION

Applicant Certification

I certify under penalty of law, as provided by 18 Pa. C.S.A. § 4904, that this application and all related attachments were prepared by me or under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my own knowledge and on inquiry of the person or persons who manage the system or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate and complete. The responsible official's signature also verifies that the activity is eligible to participate in the ESCGP, and that the applicant agrees to abide by the terms and conditions of the permit. BMP's, E&S Plan, PPC Plan, PCSM Plan, and other controls are being or will be, implemented to ensure that water quality standards and effluent limits are attained.

I grant permission to the agencies responsible for the permitting of this work, or their duly authorized representative to enter the project site for inspection purposes. I will abide by the conditions of the permit if issued and will not begin work prior to permit issuance.

(For individuals no indication of title is necessary, choose the box below. All others proceed to the next paragraph)

☐ **Individual; proceed to signature portion.**

I hereby certify under penalty of law, as provided by 18 Pa. C.S.A. § 4904, that I am the person who is responsible for decision-making regarding environmental compliance functions for Transcontinental Gas Pipeline Company, LLC, the manager of one or more manufacturing, production, or operating facilities of the applicant and am authorized to make management decisions which govern the operation of regulated facility including having explicit or implicit duty of making major capital investment recommendations, and initiating and directing other comprehensive measures to assure the applicant's long term environmental compliance with environmental laws and regulations; and I am responsible for ensuring that the necessary systems are established or actions taken to gather complete and accurate information for permit application requirements.

(choose one of the following; not applicable for individuals):

☐ The responsible corporate officer ☐ president ☐ vice president ☐ secretary
☐ treasure of _____ Corporation/Company
Entity name

☒ The ☐ member or ☒ manager of Transcontinental Gas Pipe Line Company, LLC
Entity name

☐ The general partner of _____ partnership/LP/LLP
Entity name

☐ The principal executive officer or ranking elected official of _____ Municipality/State/Federal/other public agency
Entity name

☐ Power of Attorney/delegation of contractual authority (documentation supporting delegation of contracting authority must be provided) for _____
Entity name

_____	_____
Print Name and Title of Applicant	Print Name and Title of Co-Applicant (if applicable)
_____	_____
Signature of Applicant	Signature of Co-Applicant
_____	_____
Date Application Signed	Date Application Signed

Notarization

Sworn to and subscribed to before me this

_____ day of _____, 20_____

_____
Notary Public

AFFIX SEAL

Commonwealth of Pennsylvania

County of _____

My Commission expires _____

SECTION M. ADDITIONAL CONTACT INFORMATION				
Contact's Last Name	First Name	MI	Phone (814) 689-1650	
Nelson	Ryan	J	FAX	
Mailing Address	City		State	ZIP + 4
2525 Green Tech Drive, Suite B	State College		PA	16803
e-Mail Address ryann@whmgroup.com				

Section 1-1.1 NOI Supporting Information

Project Component	Site	Site Location City	ZIP Code	County	Municipality	Total Project Area/Project Site (Acre)	Total Disturbed Area (Acre)	Latitude / Longitude	U.S.G.S. 7.5 min. Topographic Quadrangle	Receiving Waters	Chapter 93, Designated Use Stream Classification	Chapter 93, Existing Use Stream Classification	Siltation Impaired
Regional Energy Lateral	Pipeline			Luzerne	Buck, Bear Creek, Plains, Jenkins, Kingston, Dallas, Wyoming, West Wyoming, Laflin	952.63	420.67 (includes CS 515 and sites below)	41.173337, -75.671706 (eastern terminus) 41.346917, -75.946263 (western terminus)	Kingston, Pittston, Avoca, Wilkes-Barre East, Pleasant View Summit	Stony Run, Shades Creek, Little Shades Creek, Snider Run, Meadow Run, Bear Creek, Little Bear Creek, Mill Creek, Gardner Creek, Susquehanna River, Abrahams Creek, Toby Creek, Trout Brook	MF, HQ-CWF, WWF, CWF	-	No
	CY-LU-001	Wyoming	18644	Luzerne	Wyoming		16.3 (Included within above total)	41.31016, -75.84636		Abrahams Creek	CWF, MF	-	No
	CY-LU-002	Wilkes-Barre	18702	Luzerne	Laflin		11.4 (Included within above total)	41.28491, -75.79026		Gardner Creek	CWF, MF	-	No
	MLV-515RA20	Wilkes-Barre	18702	Luzerne	Bear Creek Township		0.46 (Included within above total)	41.25279, -75.75856		Mill Creek	CWF, MF	-	No
	MLV-515RA30	Wyoming	18644	Luzerne	Wyoming Borough		0.44 (Included within above total)	41.30411, -75.84662		Susquehanna River	WWF		No
	Carverton Tie-in	Wyoming	18644	Luzerne	West Wyoming Borough		3.9 (Included within above total)	41.32053, -75.87270		Abrahams Creek	CWF, MF		No
	Lower Demunds REL Tie-in	Dallas	18612	Luzerne	Dallas Township		1.7 (Included within above total)	41.34652, -75.94551		Trout Brook	CWF, MF		No
	Hildebrandt Tie-in/MLV-515RA40	Dallas	18612	Luzerne	Dallas Township		3.1 (Included within above total)	41.34692, -75.94629		Toby Creek, Trout Brook	CWF, MF		No
	Laflin Borough Stream Stabilization	Wilkes-Barre	18702	Luzerne	Laflin Borough		0.94 (Included within above total)	41.28925, -75.80209		Gardner Creek	CWF, MF	-	No
Effort Loop	Pipeline			Monroe	Ross, Chestnuthill, Tunkhannock	360.63	262.18	40.896796, -75.370606 (Southeast Terminus) 41.053413, -75.526178 (Northwest Terminus)	Blakeslee, Pocono Pines, Brodheadsville, Saylorsburg	Lake Creek, Princess Run, Weir Creek, McMichael Creek, Pohopoco Creek, Sugar Hollow Creek, Poplar Creek, Mud Run, Mud Pond Run, Tunkhannock Creek	EV, MF, HQ-CWF, CWF	EV, MF	No

Project Component	Site	Site Location City	ZIP Code	County	Municipality	Total Project Area/Project Site (Acre)	Total Disturbed Area (Acre)	Latitude / Longitude	U.S.G.S. 7.5 min. Topographic Quadrangle	Receiving Waters	Chapter 93, Designated Use Stream Classification	Chapter 93, Existing Use Stream Classification	Siltation Impaired
	MLV-505LD86 Sugar Hollow Valve Yard	Effort	18330	Monroe	Chestnut Hill Township		8.8 (Included within above total)	40.96775, -75.42980		Sugar Hollow Creek	CWF, MF	-	No
	CY-MO-001	Saylorsburg	18353	Monroe	Ross Township		50.1 (Included within above total)	40.89803, -75.36784		Lake Creek, Princess Run	HQ-CWF, MF, CWF	-	No
Delaware River Regulator		Easton	18040	Northampton	Lower Mt. Bethel	11.28	3.25	40.76220 -75.19653	Bangor, PA	Mud Run	CWF, MF	-	No
Mainline "A" Regulator		Washington Crossing	18977	Bucks	Lower Makefield	0.94	0.530	40.26807, -74.85712	Pennington, NJ-PA	Dyers Creek, Delaware River	MF, WWF	-	No
Compressor Station 200		Frazer	19335	Chester	East Whiteland	20.28	3.16	40.04998, -75.58589	Malvern, PA	Valley Creek	EV, MF, CWF	-	Yes
Compressor Station 515		White Haven	18661	Luzerne	Buck	952.63 (Included with Regional Energy Lateral)	24.83 (included with Regional Energy Lateral)	41.17380, -75.67118	Pleasant View Summit, PA	Shades Creek, Stony Run	HQ-CWF, MF	-	No

COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
BUREAU OF CLEAN WATER

MUNICIPAL NOTIFICATION OF PLANNED LAND DEVELOPMENT FOR CHAPTER 102 PERMITS

PROJECT INFORMATION (COMPLETED BY APPLICANT)

Applicant Name:	**Transcontinental Gas Pipe Line Company, a subsidiary of Williams Partners, L.P.**	Contact Name:	**Joseph Dean** **Manager-Permitting**
Applicant Address:	**2800 Post Oak Blvd, Level 11**	Contact Phone:	**(713) 215-3427**
Applicant City, State, ZIP:	**Houston, TX 77056**	County:	**Luzerne**
		Municipality:	**Laflin**
		Project Area:	**51.86** acres ☐ Phased
		Disturbance:	**31.53** acres

Description of Proposed Land Development and Stormwater Controls:

The Regional Energy Lateral component of the Regional Energy Access Expansion Project will consist of approximately 22.3 miles of 30-inch diameter pipeline, partially co-located with existing Transco Leidy Line-A, in Buck, Bear Creek, Plains, Jenkins, Kingston and Dallas Townships, and Laflin, Wyoming, and West Wyoming Boroughs, Luzerne County, Pennsylvania. The Regional Energy Lateral begins at existing Compressor Station 515 in Buck Township and continues westward to its terminus at Transco's existing Hildebrandt Tie-in in Dallas Township. Transco will be installing four mainline valves with appurtenant equipment, as a means to isolate gas flows along the Regional Energy Lateral. The mainline valve sites at each pipeline terminus (MLV515RA10 at Compressor Station 515 and MLV515RA40 at the Hildebrandt Tie-in) will also have pig traps (industry term for manifolds that launch or receive in-line inspection tools). The other two valve sites are proposed along the pipeline route (MLV515RA20 at Milepost 7.5 and MLV515RA30 at Milepost 14.8). Modifications at three existing pipeline interconnects are proposed to tie-in the proposed pipeline to the existing facilities. The Carverton Tie-In is located at Milepost 16.8. The Lower Demunds Tie-In is located at Milepost 22.3 and also includes a +/- 400-ft segment of 20-in pipeline and conduit to connect to the existing facility. The Hildebrandt Tie-In is located at the Regional Energy Lateral pipeline terminus and includes MLV515RA40. Two contractor yards are proposed for the Project and are located adjacent to the pipeline. CY-LU-001 is located at Milepost 15.3 and CY-LU-002 is located at Milepost 10.5. Cathodic protection equipment will be installed along the pipeline route. Deep anode ground beds are proposed at Mileposts 7.5 and 19.8, and one remote anode ground bed is proposed at Milepost 15.3. E&S and PCSM BMP's are proposed within Laflin Borough. PCSM BMP's are associated with stream stabilization.

Tax Parcel ID(s) Affected by Proposed Land Development:

See attached table

Surface Waters Receiving Stormwater Discharges:

Gardner Creek

Discharge to: ☐ MS4 ☐ Other SS ☐ CSS

The following information was submitted to the municipality for this project:

☐ Land Development / Subdivision Plan ☒ E&S Plan ☒ PCSM Plan ☐ Other:

***On March 31, 2021 Transco submitted to you its E&S and PCSM Plans (Plans) as part of the ESCGP-3 permit application notification. Transco provided an update in July 2021 indicating the Erosion and Sediment Control Permit for Discharges of Stormwater Associated with Construction Activities Application was submitted to the PA Dept. of Environmental Protection to replace the ESCGP-3 application. Transco has updated the application in response to the PADEP Technical Deficiencies and is providing the updated materials. Updated drawings, location maps, GIF form and Parcel ID tables are included.**

MUNICIPAL PLAN / ORDINANCE INFORMATION (COMPLETED BY MUNICIPALITY)		
1. Is there an adopted municipal or multi-municipal comprehensive plan?	☐ Yes	☐ No
2. Is there an enacted municipal or multi-municipal zoning ordinance?	☐ Yes	☐ No
3. If Yes to #2, is the proposed project consistent with the ordinance?	☐ Yes	☐ No
4. Is there a municipal stormwater management ordinance?	☐ Yes	☐ No
5. If Yes to #4, is the proposed project consistent with the ordinance, without waiver?	☐ Yes	☐ No

6. If Yes to #4, indicate type of ordinance: ☐ Act 167 Model Ordinance ☐ DEP Model Ordinance (MS4s) ☐ Other

APPLICANT CERTIFICATION	MUNICIPAL ACKNOWLEDGEMENT
I certify under penalty of law (see 18 Pa.C.S. § 4904 (relating to unsworn falsification)) that the information reported herein was prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the information, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.	The municipality acknowledges that a permit application for the above-referenced project has been submitted to a reviewing agency and that notification requirements of Act 14 of 1984 and Acts 67, 68, and 127 of 2000 have been satisfied. The information reported herein by the municipality is true and accurate. The municipality reserves the right to comment to the reviewing agency relative to comprehensive plans, zoning, and stormwater ordinance consistency. Municipal acknowledgment of receipt of notification shall not be construed as project approval.

Joseph Dean

Applicant Name

Municipal Representative Name

Applicant Signature

Municipal Representative Signature

Manager - Permitting

Applicant Title

Municipal Representative Title

04/06/2022

Date of Signature

Date of Signature

From: UPS
To: SFOX@WHMGROUP.COM
Subject: UPS Delivery Notification, Tracking Number 1Z8797VV0391319498
Date: Thursday, April 7, 2022 5:13:51 PM

Hello, your package has been delivered.

Delivery Date: Thursday, 04/07/2022
Delivery Time: 5:12 PM
Signed by: BOYD

WHM CONSULTING, INC

Tracking Number:	1Z8797VV0391319498
Ship To:	LAFLIN BOROUGH SUPERVISORS 47 LAFLIN ROAD WILKES BARRE, PA 18702 US
Number of Packages:	1
UPS Service:	UPS Ground
Package Weight:	3.0 LBS
Reference Number:	WILLIAMS-20-244, T2C

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Transcontinental Gas Pipe Line Company, LLC

Section 1-11 – General Information Form

Regional Energy Access Expansion Project

April 2021
(Added July 2021)
(Revised March 2022)

pennsylvania
DEPARTMENT OF ENVIRONMENTAL PROTECTION

COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION

GENERAL INFORMATION FORM – AUTHORIZATION APPLICATION

Before completing this General Information Form (GIF), read the step-by-step instructions provided in this application package. This form is used by the Department of Environmental Protection (DEP) to inform our programs regarding what other DEP permits or authorizations may be needed for the proposed project or activity. This version of the General Information Form (GIF) must be completed and returned with any program-specific application being submitted to the DEP.

Related ID#s (If Known)				DEP USE ONLY
Client ID#		**APS ID#**		Date Received & General Notes
Site ID#		**Auth ID#**		
Facility ID#				

CLIENT INFORMATION

DEP Client ID#	Client Type / Code	Dun & Bradstreet ID#
163321	LLC	

Legal Organization Name or Registered Fictitious Name	Employer ID# (EIN)	Is the EIN a SSN?
Transcontinental Gas Pipe Line Company, LLC	74-1079400	☐ Yes ☒ NO

State of Incorporation or Registration of Fictious Name

☐ Corporation ☒ LLC ☐ Partnership ☐ LLP ☐ LP
☐ Sole Proprietorship ☐ Association/Organization
☐ Estate/Trust ☐ Other

Individual Last Name	First Name	MI	Suffix

Additional Individual Last Name	First Name	MI	Suffix

Mailing Address Line 1	Mailing Address Line 2
2800 Post Oak Blvd, Level 11	

Address Last Line – City	State	ZIP+4	Country
Houston	TX	77056	United States

Client Contact Last Name	First Name	MI	Suffix
Dean	Joseph		

Client Contact Title	Phone	Ext	Cell Phone
Manager, Permitting	(713) 215-3427		

Email Address	FAX
Joseph.Dean@Williams.com	

SITE INFORMATION

DEP Site ID#	Site Name
	Regional Energy Access Expansion Project

EPA ID# **Estimated Number of Employees to be Present at Site**

Description of Site
The Project is an expansion of an existing natural gas transmission system consisting of pipelines, modification of three existing compressor stations and additional existing ancillary facilities.

Tax Parcel ID(s):

County Name(s)	Municipality(ies)	City	Boro	Twp	State
Luzerne	Buck, Bear Creek, Plains, Jenkins, Kingston, Dallas, Wyoming, West Wyoming, Laflin	☐	☒	☒	PA
Monroe	Ross, Chestnuthill, Tunkhannock	☐	☐	☒	PA
Northampton	Lower Mt. Bethel	☐	☐	☒	PA
Bucks	Lower Makefield	☐	☐	☒	PA
Chester	East Whiteland	☐	☐	☒	PA
		☐	☐	☒	PA
		☐	☒	☐	PA

Site Location Line 1	Site Location Line 2
See Section 1.1 - GIF Supporting Information	

Site Location Last Line – City	State	ZIP+4

Detailed Written Directions to Site
See Secton 1.1 - GIF Supporting Information for locations of all project sites.

Site Contact Last Name	First Name	MI	Suffix
Henry	Josh		

Site Contact Title	Site Contact Firm
Environmental Specialist	Transcontinental Gas Pipe Line Company, LLC.

Mailing Address Line 1	Mailing Address Line 2
2000 Commerce Drive, Park Place 2	

Mailing Address Last Line – City	State	ZIP+4
Pittsburgh	PA	15275

Phone	Ext	FAX	Email Address
(412) 787- 4277			Josh.Henry@Williams.com

NAICS Codes (Two- & Three-Digit Codes – List All That Apply) **6-Digit Code** (Optional)
221

Client to Site Relationship
OWNOP

FACILITY INFORMATION

Modification of Existing Facility	Yes	No
1. **Will this project modify an existing facility, system, or activity?**	☒	☐
2. **Will this project involve an addition to an existing facility, system, or activity?**	☒	☐

If "Yes", check all relevant facility types and provide DEP facility identification numbers below.

	Facility Type	DEP Fac ID#		Facility Type	DEP Fac ID#
☐	Air Emission Plant		☐	Industrial Minerals Mining Operation	
☐	Beneficial Use (water)		☐	Laboratory Location	
☐	Blasting Operation		☐	Land Recycling Cleanup Location	
☐	Captive Hazardous Waste Operation		☐	Mine Drainage Treatment / Land Recycling Project Location	
☐	Coal Ash Beneficial Use Operation		☐	Municipal Waste Operation	
☐	Coal Mining Operation		☐	Oil & Gas Encroachment Location	
☐	Coal Pillar Location		☐	Oil & Gas Location	
☐	Commercial Hazardous Waste Operation		☐	Oil & Gas Water Poll Control Facility	
☐	Dam Location		☐	Public Water Supply System	
☐	Deep Mine Safety Operation -Anthracite		☐	Radiation Facility	
☐	Deep Mine Safety Operation -Bituminous		☐	Residual Waste Operation	
☐	Deep Mine Safety Operation -Ind Minerals		☐	Storage Tank Location	
☐	Encroachment Location (water, wetland)		☐	Water Pollution Control Facility	
☐	Erosion & Sediment Control Facility		☐	Water Resource	
☐	Explosive Storage Location		☒	Other: Natural Gas Transmission	

Latitude/Longitude Point of Origin	Latitude Degrees	Latitude Minutes	Latitude Seconds	Longitude Degrees	Longitude Minutes	Longitude Seconds
See Section 1.1 - GIF Supporting Information						

Horizontal Accuracy Measure	Feet	*--or--*	Meters
Horizontal Reference Datum Code	☐ North American Datum of 1927 ☒ North American Datum of 1983 ☐ World Geodetic System of 1984		
Horizontal Collection Method Code	GISDR		
Reference Point Code	CNTAR		
Altitude	Feet	*--or--*	Meters
Altitude Datum Name	☐ The National Geodetic Vertical Datum of 1929 ☒ The North American Vertical Datum of 1988 (NAVD88)		
Altitude (Vertical) Location Datum Collection Method Code	TOPO		

Geometric Type Code	POINT				
Data Collection Date	2020				
Source Map Scale Number	1	Inch(es)	=	2,000	Feet
--or--		Centimeter(s)	=		Meters

PROJECT INFORMATION

Project Name
Regional Energy Access Expansion Project

Project Description
The Project is an expansion of Transco's existing natural gas transmission system that will enable Transco to provide an incremental 829,400 dekatherms per day (Dth/d) of year-round firm transportation capacity from the Marcellus Shale production area in northeastern Pennsylvania (PA) to multiple delivery points along Transco's Leidy Line in PA, Transco's mainline at the Station 210 Zone 6 Pooling Point in Mercer County, New Jersey (NJ) and multiple delivery points in Transco's Zone 6 in NJ, PA, and Maryland (MD). The Project will consist of the following components:

• Approximately 22.2 miles of 30-inch-diameter pipeline partially collocated with Transco's Leidy Line A from milepost (MP) 0.00 to MP 22.32 in Luzerne County, PA (Regional Energy Lateral);

• Approximately 13.8 miles of 42-inch-diameter pipeline collocated with Transco's Leidy Line System from MP 43.72 to MP 57.50 in Monroe County, PA (Effort Loop);

• New electric motor-driven compressor station identified as Compressor Station 201 with 9,000 nominal horsepower (HP) in Gloucester County, NJ;

• Addition of two gas-fired turbine driven compressor units with 31,800 nominal HP at ISO conditions at existing Compressor Station 505 in Somerset County, NJ, to accommodate the abandonment and replacement of approximately 16,000 HP from eight existing internal combustion engine-driven compressor units and increase the certificated station compression by 15,800 HP;

• Addition of two gas-fired turbine driven compressor units with 63,742 nominal HP at ISO conditions and modification of three existing compressors at existing Compressor Station 515 in Luzerne County, PA to support the Project and to accommodate the abandonment and replacement of approximately 17,000 HP from five existing gas-fired reciprocating engine driven compressors and increase the certificated station compression by 46,742 HP;

• Uprate and rewheel two existing electric motor-driven compressor units at existing Compressor Station 195 in York County, PA to increase the certificated station compression by 6,000 HP and accommodate the abandonment of two existing gas-fired reciprocating engine driven compressors, which total approximately 8,000 HP;

• Modifications at existing Compressor Station 200 in Chester County, PA;

• Uprate one existing electric motor-driven compressor unit at Compressor Station 207 in Middlesex County, NJ to increase the certificated station compression by 4,100 HP;

• Modifications to three (3) existing pipeline tie-ins in PA (Hildebrandt Tie-in, Lower Demunds REL Tie-in, and Carverton Tie-in);

• Addition of regulation controls at an existing valve setting on Transco's Mainline "A" in Bucks County, PA (Mainline A Regulator);

• Modifications at the existing Delaware River Regulator in Northampton County, PA;

• Modifications at the existing Centerville Regulator in Somerset County, NJ;

• Modifications to the existing valves and piping at the Princeton Junction (Station 210 Pooling Point) in Mercer County, NJ;

• Modifications to three (3) existing delivery meter stations in NJ (Camden M&R Station, Lawnside M&R Station, and Mt. Laurel M&R Station);

• Modifications to one (1) existing delivery meter station in MD (Beaver Dam M&R Station);

• Contractual changes (no modifications) at ten (10) existing delivery meter stations in PA and NJ (Algonquin-Centerville Meter Station, Post Road Meter Station, New Village Meter Station, Spruce Run Meter Station, Marcus Hook Meter Station, Ivyland Meter Station, Repaupo Meter Station, Morgan Meter Station, Lower Mud Run Meter Station, and Chesterfield Meter Station);

• Additional ancillary facilities, such as mainline valves (MLVs), cathodic protection, communication facilities, and internal inspection device (e.g., pig) launchers and receivers in PA; and

• Existing, improved, and new access roads and contractor yards/staging areas in PA, NJ, and MD.

In an ongoing effort to reduce its air emissions footprint, Transco is assessing the replacement of vintage gas-fired reciprocating engine driven compressors with more efficient state-of-the-art gas-fired turbine driven compressors. The proposed compression abandonment and replacement scopes at Transco's existing Compressor Station 505 and Compressor Station 515 are part of this effort and have been adopted into the Project scope. Additionally, the uprate and optimization of existing electric motor-driven compression to accommodate abandonment of gas-fired reciprocating engine driven compression at Compressor Station 195 has also been adopted into the Project scope.

The Algonquin-Centerville, Post Road, New Village, Spruce Run, Marcus Hook, Ivyland, Repaupo, Morgan, Lower Mud Run, and Chesterfield Meter Stations can accommodate the contractual changes proposed as part of this Project; therefore, no modifications are proposed at these facilities

Project Consultant Last Name	**First Name**	**MI**	**Suffix**
Nelson	Ryan		

Project Consultant Title	**Consulting Firm**
Senior Project Manager	WHM Consulting, LLC

Mailing Address Line 1	**Mailing Address Line 2**
2525 Green Tech Drive; Suite B	

Address Last Line – City	**State**	**ZIP+4**
State College	PA	16803

Phone	**Ext**	**FAX**	**Email Address**
(814) 689-1650	102		ryann@whmgroup.com

Time Schedules	**Project Milestone (Optional)**
March 2021	Submit 401 WQC
April 2021	Submit Chapter 102 / 105 Permits
2nd Quarter of 2023	Commence Construction
4th Quarter 2024	In-service Date

1. Is the project located in or within a 0.5-mile radius of an Environmental Justice community as defined by DEP? ☒ Yes ☐ No

To determine if the project is located in or within a 0.5-mile radius of an environmental justice community, please use the online Environmental Justice Areas Viewer.

2. Have you informed the surrounding community prior to submitting the application to the Department? ☒ Yes ☐ No

Method of notification:

1) Open house schedule mailed to affected parties;

2) Newspaper advertisements of open houses placed in newspapers of general circulation in the Project area;

3) Open houses (a mixture of virtual and in-person) held in the county of each major project scope item;
4) Newspaper advertisements prior to commencement of construction, which will be placed in those same publications;
5) Notification to businesses potentially affected by construction;
6) Designation of a point of contact for stakeholder communication;
7) A Project toll free telephone number for public inquiries; and
•8) A Project website with periodic updates of relevant information.

3. Have you addressed community concerns that were identified? ☒ Yes ☐ No ☐ N/A

If no, please briefly describe the community concerns that have been expressed and not addressed.

4. Is your project funded by state or federal grants? ☐ Yes ☒ No

Note: If "Yes", specify what aspect of the project is related to the grant and provide the grant source, contact person and grant expiration date.

Aspect of Project Related to Grant
Grant Source: _____
Grant Contact Person: _____
Grant Expiration Date: _____

5. Is this application for an authorization on Appendix A of the Land Use Policy? (For referenced list, see Appendix A of the Land Use Policy attached to GIF instructions) ☒ Yes ☐ No

Note: If "No" to Question 5, the application is not subject to the Land Use Policy.
If "Yes" to Question 5, the application is subject to this policy and the Applicant should answer the additional questions in the **Land Use Information** section.

LAND USE INFORMATION

Note: Applicants should submit copies of local land use approvals or other evidence of compliance with local comprehensive plans and zoning ordinances.

1.	**Is there an adopted county or multi-county comprehensive plan?**	☒	Yes	☐	No
2.	**Is there a county stormwater management plan?**	☒	Yes	☐	No
3.	**Is there an adopted municipal or multi-municipal comprehensive plan?**	☒	Yes	☐	No
4.	**Is there an adopted county-wide zoning ordinance, municipal zoning ordinance or joint municipal zoning ordinance?**	☒	Yes	☐	No
5.	**Does the proposed project meet the provisions of the zoning ordinance or does the proposed project have zoning approval?** If zoning approval has been received, attach documentation.	☒	Yes	☐	No
6.	**Have you attached Municipal and County Land Use Letters for the project?**	☐	Yes	☒	No

Note: If the Applicant answers "No" to either Questions 1, 3 or 4, the provisions of the PA MPC are not applicable and the Applicant does not need to respond to questions 5 and 6 below.
If the Applicant answers "Yes" to questions 1, 3 and 4, the Applicant should respond to questions 5 and 6 below.

* This Project is regulated by the Federal Energy Regulatory Commission (FERC) under the Natural Gas Act. FERC has exclusive jurisdiction over siting of the Project, therefore, local zoning is preempted.

COORDINATION INFORMATION

Note: The PA Historical and Museum Commission must be notified of proposed projects in accordance with DEP Technical Guidance Document 012-0700-001 utilizing the Project Review Form.

If the activity will be a mining project (i.e., mining of coal or industrial minerals, coal refuse disposal and/or the operation of a coal or industrial minerals preparation/processing facility), respond to questions 1.0 through 2.5 below.

If the activity will not be a mining project, skip questions 1.0 through 2.5 and begin with question 3.0.

1.0	**Is this a coal mining project?** If "Yes", respond to 1.1-1.6. If "No", skip to Question 2.0.	☐	Yes	☒	No
1.1	**Will this coal mining project involve coal preparation/ processing activities in which the total amount of coal prepared/processed will be equal to or greater than 200 tons/day?**	☐	Yes	☐	No
1.2	**Will this coal mining project involve coal preparation/ processing activities in which the total amount of coal prepared/processed will be greater than 50,000 tons/year?**	☐	Yes	☐	No
1.3	**Will this coal mining project involve coal preparation/ processing activities in which thermal coal dryers or pneumatic coal cleaners will be used?**	☐	Yes	☐	No
1.4	**For this coal mining project, will sewage treatment facilities be constructed and treated waste water discharged to surface waters?**	☐	Yes	☐	No
1.5	**Will this coal mining project involve the construction of a permanent impoundment meeting one or more of the following criteria: (1) a contributory drainage area exceeding 100 acres; (2) a depth of water measured by the upstream toe of the dam at maximum storage elevation exceeding 15 feet; (3) an impounding capacity at maximum storage elevation exceeding 50 acre-feet?**	☐	Yes	☐	No
1.6	**Will this coal mining project involve underground coal mining to be conducted within 500 feet of an oil or gas well?**	☐	Yes	☐	No
2.0	**Is this a non-coal (industrial minerals) mining project?** If "Yes", respond to 2.1-2.6. If "No", skip to Question 3.0.	☐	Yes	☒	No
2.1	**Will this non-coal (industrial minerals) mining project involve the crushing and screening of non-coal minerals other than sand and gravel?**	☐	Yes	☐	No
2.2	**Will this non-coal (industrial minerals) mining project involve the crushing and/or screening of sand and gravel with the exception of wet sand and gravel operations (screening only) and dry sand and gravel operations with a capacity of less than 150 tons/hour of unconsolidated materials?**	☐	Yes	☐	No
2.3	**Will this non-coal (industrial minerals) mining project involve the construction, operation and/or modification of a portable non-metallic (i.e., non-coal) minerals processing plant under the authority of the General Permit for Portable Non-metallic Mineral Processing Plants (i.e., BAQ-PGPA/GP-3)?**	☐	Yes	☐	No
2.4	**For this non-coal (industrial minerals) mining project, will sewage treatment facilities be constructed and treated waste water discharged to surface waters?**	☐	Yes	☐	No
2.5	**Will this non-coal (industrial minerals) mining project involve the construction of a permanent impoundment meeting one or more of the following criteria: (1) a contributory drainage area exceeding 100 acres; (2) a depth of water measured by the upstream toe of the dam at maximum storage elevation exceeding 15 feet; (3) an impounding capacity at maximum storage elevation exceeding 50 acre-feet?**	☐	Yes	☐	No

3.0	**Will your project, activity, or authorization have anything to do with a well related to oil or gas production, have construction within 200 feet of, affect an oil or gas well, involve the waste from such a well, or string power lines above an oil or gas well?** If "Yes", respond to 3.1-3.3. If "No", skip to Question 4.0.	☐	Yes	☒	No
3.1	**Does the oil- or gas-related project involve any of the following: placement of fill, excavation within or placement of a structure, located in, along, across or projecting into a watercourse, floodway or body of water (including wetlands)?**	☐	Yes	☐	No
3.2	**Will the oil- or gas-related project involve discharge of industrial wastewater or stormwater to a dry swale, surface water, ground water or an existing sanitary sewer system or storm water system?** If "Yes", discuss in *Project Description*.	☐	Yes	☐	No
3.3	**Will the oil- or gas-related project involve the construction and operation of industrial waste treatment facilities?**	☐	Yes	☐	No
4.0	**Will the project involve a construction activity that results in earth disturbance?** If "Yes", specify the total disturbed acreage.	☒	Yes	☐	No
	4.0.1 Total Disturbed Acreage + / - 672				
	4.0.2 Will the project discharge or drain to a special protection water (EV or HQ) or an EV wetland?	☒	Yes	☐	No
	4.0.3 Will the project involve a construction activity that results in earth disturbance in the area of the earth disturbance that are contaminated at levels exceeding residential or non-residential medium-specific concentrations (MSCs) in 25 Pa. Code Chapter 250 at residential or non-residential construction sites, respectively?	☐	Yes	☒	No
5.0	**Does the project involve any of the following: water obstruction and/or encroachment, wetland impacts, or floodplain project by the Commonwealth/political subdivision or public utility?** If "Yes", respond to 5.1-5.7. If "No", skip to Question 6.0.	☒	Yes	☐	No
5.1	**Water Obstruction and Encroachment Projects – Does the project involve any of the following: placement of fill, excavation within or placement of a structure, located in, along, across or projecting into a watercourse, floodway or body of water?**	☒	Yes	☐	No
5.2	**Wetland Impacts – Does the project involve any of the following: placement of fill, excavation within or placement of a structure, located in, along, across or projecting into a wetland?**	☒	Yes	☐	No
5.3	**Floodplain Projects by the Commonwealth, a Political Subdivision of the Commonwealth or a Public Utility – Does the project involve any of the following: placement of fill, excavation within or placement of a structure, located in, along, across or projecting into a floodplain?**	☐	Yes	☒	No
5.4	**Is your project an interstate transmission natural gas pipeline?**	☒	Yes	☐	No
5.5	**Does your project consist of linear construction activities which result in earth disturbance in two or more DEP regions AND three or more counties?**	☒	Yes	☐	No
5.6	**Does your project utilize Floodplain Restoration as a best management practice for Post Construction Stormwater Management?**	☐	Yes	☒	No
5.7	**Does your project utilize Class V Gravity / Injection Wells as a best management practice for Post Construction Stormwater Management?**	☐	Yes	☒	No
6.0	**Will the project involve discharge of construction related stormwater to a dry swale, surface water, ground water or separate storm water system?**	☒	Yes	☐	No

6.1	**Will the project involve discharge of industrial waste stormwater or wastewater from an industrial activity or sewage to a dry swale, surface water, ground water or an existing sanitary sewer system or separate storm water system?**	☒	Yes	☐	No
7.0	**Will the project involve the construction and operation of industrial waste treatment facilities?**	☐	Yes	☒	No
8.0	**Will the project involve construction of sewage treatment facilities, sanitary sewers, or sewage pumping stations?** If "Yes", indicate estimated proposed flow (gal/day). Also, discuss the sanitary sewer pipe sizes and the number of pumping stations/treatment facilities/name of downstream sewage facilities in the *Project Description*, where applicable.	☐	Yes	☒	No
	8.0.1 Estimated Proposed Flow (gal/day)				
9.0	**Will the project involve the subdivision of land, or the generation of 800 gpd or more of sewage on an existing parcel of land or the generation of an additional 400 gpd of sewage on an already-developed parcel, or the generation of 800 gpd or more of industrial wastewater that would be discharged to an existing sanitary sewer system?**	☐	Yes	☒	No
	9.0.1 Was Act 537 sewage facilities planning submitted and approved by DEP? If "Yes" attach the approval letter. Approval required prior to 105/NPDES approval.	☐	Yes	☐	No
10.0	**Is this project for the beneficial use of biosolids for land application within Pennsylvania?** If "Yes" indicate how much (i.e. gallons or dry tons per year).	☐	Yes	☒	No
	10.0.1 Gallons Per Year (residential septage)				
	10.0.2 Dry Tons Per Year (biosolids)				
11.0	**Does the project involve construction, modification or removal of a dam?** If "Yes", identify the dam.	☐	Yes	☒	No
	11.0.1 Dam Name				
12.0	**Will the project interfere with the flow from, or otherwise impact, a dam?** If "Yes", identify the dam.	☐	Yes	☒	No
	12.0.1 Dam Name				
13.0	**Will the project involve operations (excluding during the construction period) that produce air emissions (i.e., NOX, VOC, etc.)?**	☒	Yes	☐	No
	13.0.1 If "Yes", is the operation subject to the agricultural exemption in 35 P.S. § 4004.1?	☐	Yes	☒	No

13.0.2 If the answer to 13.0.1 is "No", identify each type of emission followed by the estimated amount of that emission.

Enter all types & amounts of emissions; separate each set with semicolons.

Summary of Compressor Station 515 Estimated Net Operational Potential to Emit (PTE): NOx - 196.8; CO - 314.40; VOC - 50.6; SO2 - 14.0; PM10/PM2.5 - 30.6; Single HAP (formaldehyde)- 8.7; Total HAP - 12.2; CO2e - 511,413 = Annual (tpy)

Summary of Pipeline and M&R Station Estimated Operational Potential to Emit (PTE): VOC - 1.17; Single HAP - 0.20; Total HAP - 0.20; CO2e - 5460.47 = Annual (tpy)

Modifications to Compressor Station 195 and Compressor Station 200 only include uprating existing electric motor-driven compression capacity or piping and valve modifications; therefore, Transco anticipates these facilities will have insignificant operational emissions.

14.0	**Does the project include the construction or modification of a drinking water supply to serve 15 or more connections or 25 or more people, at least 60 days out of the year?** If "Yes", check all proposed sub-facilities.	☐	Yes	☒	No
	14.0.1 Number of Persons Served _____				
	14.0.2 Number of Employee/Guests _____				
	14.0.3 Number of Connections _____				
	14.0.4 Sub-Fac: Distribution System	☐	Yes	☐	No
	14.0.5 Sub-Fac: Water Treatment Plant	☐	Yes	☐	No
	14.0.6 Sub-Fac: Source	☐	Yes	☐	No
	14.0.7 Sub-Fac: Pump Station	☐	Yes	☐	No
	14.0.8 Sub Fac: Transmission Main	☐	Yes	☐	No
	14.0.9 Sub-Fac: Storage Facility	☐	Yes	☐	No
15.0	**Will your project include infiltration of storm water or waste water to ground water within one-half mile of a public water supply well, spring or infiltration gallery?**	☒	Yes	☐	No
16.0	**Is your project to be served by an existing public water supply?** If "Yes", indicate name of supplier and attach letter from supplier stating that it will serve the project.	☐	Yes	☒	No
	16.0.1 Supplier's Name _____				
	16.0.2 Letter of Approval from Supplier is Attached	☐	Yes	☐	No
17.0	**Will this project be served by on-lot drinking water wells?**	☐	Yes	☒	No
18.0	**Will this project involve a new or increased drinking water withdrawal from a river, stream, spring, lake, well or other water bod(ies)?** If "Yes", reference Safe Drinking Water Program.	☐	Yes	☒	No
	18.0.1 Source Name				
19.0	**Will the construction or operation of this project involve treatment, storage, reuse, or disposal of waste?** If "Yes", indicate what type (i.e., hazardous, municipal (including infectious & chemotherapeutic), residual) and the amount to be treated, stored, re-used or disposed.	☐	Yes	☒	No
	19.0.1 Type & Amount				
20.0	**Will your project involve the removal of coal, minerals, contaminated media, or solid waste as part of any earth disturbance activities?**	☐	Yes	☒	No
21.0	**Does your project involve installation of a field constructed underground storage tank?** If "Yes", list each Substance & its Capacity. **Note:** Applicant may need a Storage Tank Site Specific Installation Permit.	☐	Yes	☒	No
	21.0.1 Enter all substances & capacity of each; separate each set with semicolons.				
22.0	**Does your project involve installation of an aboveground storage tank greater than 21,000 gallons capacity at an existing facility?** If "Yes", list each Substance & its Capacity. **Note:** Applicant may need a Storage Tank Site Specific Installation Permit.	☐	Yes	☒	No
	22.0.1 Enter all substances & capacity of each; separate each set with semicolons.				
23.0	**Does your project involve installation of a tank greater than 1,100 gallons which will contain a highly hazardous substance as defined in DEP's Regulated Substances List, 2570-BK-DEP2724?** If "Yes", list each Substance & its Capacity. **Note:** Applicant may need a Storage Tank Site Specific Installation Permit.	☐	Yes	☒	No
	23.0.1 Enter all substances & capacity of each; separate each set with semicolons.				

24.0	**Does your project involve installation of a storage tank at a new facility with a total AST capacity greater than 21,000 gallons?** If "Yes", list each Substance & its Capacity. **Note:** Applicant may need a Storage Tank Site Specific Installation Permit. **24.0.1 Enter all substances & capacity of each; separate each set with semicolons.**	☐	Yes	☒	No

NOTE: If the project includes the installation of a regulated storage tank system, including diesel emergency generator systems, the project may require the use of a Department Certified Tank Handler. For a full list of regulated storage tanks and substances, please go to www.dep.pa.gov search term storage tanks

25.0	**Will the intended activity involve the use of a radiation source?**	☐	Yes	☒	No

CERTIFICATION

I certify that I have the authority to submit this application on behalf of the applicant named herein and that the information provided in this application is true and correct to the best of my knowledge and information.

For applicants supplying an EIN number: I am applying for a permit or authorization from the Pennsylvania Department of Environmental Protection (DEP). As part of this application, I will provide DEP with an accurate EIN number for the applicant entity. By filing this application with DEP, I hereby authorize DEP to confirm the accuracy of the EIN number provided with the Pennsylvania Department of Revenue. As applicant, I further consent to the Department of Revenue discussing the same with DEP prior to issuance of the Commonwealth permit or authorization.

Type or Print Name Joseph Dean

Signature	Title	Date
	Manager, Permitting	02/24/2022

GIF Supporting Information

Project Component	Site	Site Location City	ZIP Code	Detailed Written Directions to Site	Latitude / Longitude
Effort Loop	Eastern Terminus	Saylorsburg	18353	From 209: heading East – Turn Right onto Frable Rd/T432. Follow for 1.7 miles. Turn Right onto Meixsell Valley Road/T361. Follow for .2 miles then turn left. Destination is in ~340 feet. Heading West-Turn Left onto Rte 115. Follow for 1.1 miles, then turn right onto Meixsell Valley Rd/T361. Continue for 1.4 miles then turn left. Destination is in ~340 feet.	40.896796, -75.370606
	Western Terminus	Long Pond	18334	From I-80: Heading East- Take exit 284 for PA-115 towards Blakeslee. Keep right at the fork, follow signs for Lake Harmony/Brodheadsville and merge on PA-115 S. Follow for 3.2 miles. Turn Left onto Long Pond Road. Destination will be in ~.2 miles. Heading West- Take exit 384 for PA-115 S. Turn left onto PA-115 S. Follow for 3.4 miles. Turn Left onto Long Pond Rd. Destination will be in ~.2 miles.	41.053413, -75.526178
Regional Energy Lateral	Eastern Terminus	White Haven	18661	From I-80: Heading West-Take exit 284 towards Blakeslee. Merge onto PA-115 N. Follow for 8.2 Miles. Turn Right onto Ridgeway Ave. Destination will be in .2 miles. Heading East- Take exit 284 towards Blakeslee. Turn left onto PA-115 N. Follow for 8.4 miles. Turn Right onto Ridgeway Ave. Destination will be in .2 miles. From I-476: Heading South- Take exit 105 to merge onto PA-115 S. Follow PA-115 S for 8.4 miles. Turn left onto Ridgeway Ave. Destination will be in .2 Miles	41.173337, -75.671706
	Western Terminus	Dallas	18612	From PA-309: Heading South-Head South on PA-309 S toward Dallas RV and MHP. Turn Left onto Hildebrandt Rd. Follow for .4 miles then turn right onto Conyngham Ave. Follow for .4 miles. Continue onto Fairground Road. Destination will be to the left in .2 Miles. Heading North-Head North on PA-309 N toward Grandview Ave. Turn right onto Hildebrandt Rd. Follow for .4 miles then turn right onto Conyngham Ave. Follow for .4 miles. Continue onto Fairground Road. Destination will be to the left in .2 Miles.	41.346917, -75.946263
Compressor Station 515		White Haven	18661	Same as REL Eastern Terminus	41.173337, -75.671706
Compressor Station 200		Frazer	19355	From I-76: East Bound- Take exit 312 toward PA-100 S/Pottstown Pike (Toll Rd). Keep left at the fork and follow signs for PA-100 S/Downingtown and merge onto PA-100 S/Pottstown Pike. Follow for 2.5 miles. Turn left onto N. Ship Rd and follow for .6 miles. Turn left onto Valley Hill Rd and follow for 1.7 miles. Turn right onto PA-401 E. Follow for .5 miles then turn right onto Bacton Hill Rd. Destination will be in .5 Miles. Heading West-Take exit 320 toward Melvern Turn left onto PA-29 S. Turn right at the 1st cross street onto Flat Rd. Turn right onto Sidley Road and then in .4 miles, turn left onto Phoenixville Pike. In .9 miles turn right onto PA-401 W and follow for 1 mile. Turn left onto N. Bacton Hill Road. Destination will be on the right in .5 miles.	40.049969, -75.585849
Delaware River Regulator/Lower Mud Run Meter Station		Easton	18040	To Delaware River Regulator- From 22: East Bound- Take the 4th Street/PA-248 Exit toward PA-611. Turn Left onto PA-248 E/Bushkill St. Follow for .4 miles then turn left onto PA-611 N. Keep right to continue on PA-611 N/N Delaware Dr and follow for 5 miles. Turn Left onto Lower Mud Run Rd. Destination will be on the left in .4 miles. To Lower Mud Run Meter Station- Head +/- 200' northwest from the Delaware River Regulator. The site is immediately adjacent to Delaware River Regulator.	40.762166, -75.19644/ 40.762706, -75.197631
Main Line A Regulator		Washington Crossing	18977	From I-295: Take exit 10 toward New Hope. Turn left onto Taylorsville Rd. Continue straight to stay on Taylorsville Rd. In .9 miles turn right onto Mt Eyre Rd. Follow for .2 miles then turn right onto PA-32 S. The destination will be on the right in 407 feet.	40.268063, -74.857125

Transcontinental Gas Pipe Line Company, LLC

Requirement I – Project Location Map

Regional Energy Access Expansion Project –
Regional Energy Lateral and Existing Compressor Station 515

April 2021
(Revised March 2022)

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Proposed Facility Modification/Addition
Existing Compressor Station
Mile Post
Existing Springville Pipeline
Proposed Pipeline
Existing Transco Pipelines
Proposed Limits of Disturbance
Municipal Boundaries

Existing Compressor Station 515 and Proposed MLV-515RA10

Notes:
1. Maps Reduced from USGS 7.5 Minute Quadrangles:
Avoca, Kingston, Pittston, Pleasant View Summit, & Wilkes-Barre East

1 Inch = 2,000 Feet
0 2,000 4,000 Feet

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TRANSCONTINENTAL GAS PIPE LINE COMPANY, LLC

REGIONAL ENERGY ACCESS EXPANSION PROJECT
PROPOSED 30" REGIONAL ENERGY LATERAL

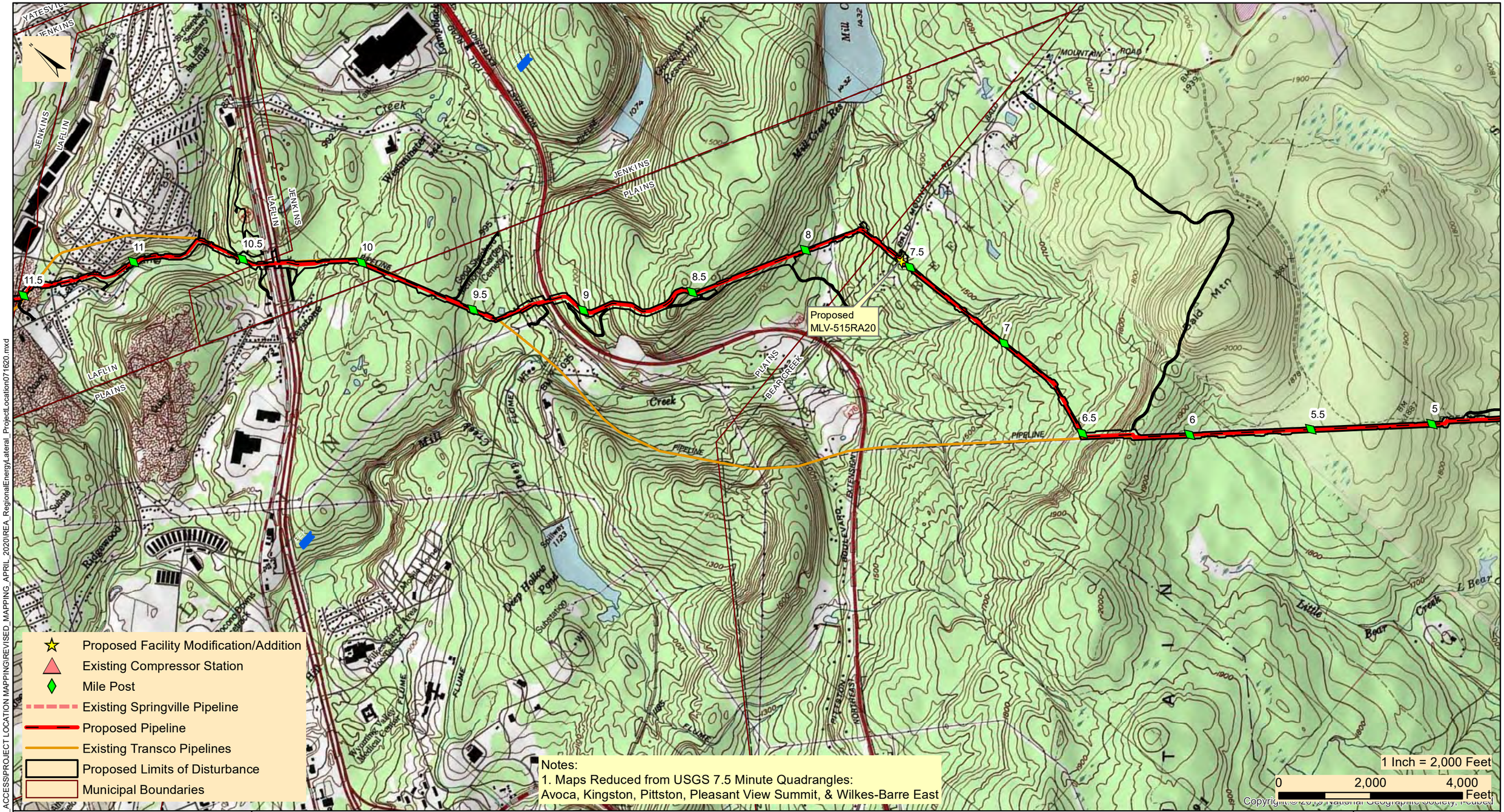
PROJECT LOCATION MAP

BUCK & BEAR CREEK TOWNSHIPS | LUZERNE COUNTY | PENNSYLVANIA

Date: 2/28/2022

Drawn By: FTN

Figure Number: REL-1



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TRANSCONTINENTAL GAS PIPE LINE COMPANY, LLC

REGIONAL ENERGY ACCESS EXPANSION PROJECT

PROPOSED 30" REGIONAL ENERGY LATERAL

PROJECT LOCATION MAP

BEAR CREEK, JENKINS, PLAINS TWPS, & LAFLIN BOROUGH | LUZERNE COUNTY | PENNSYLVANIA

Date: 2/28/2022

Drawn By: FTN

Figure Number: REL-2

Carverton Tie-In

Proposed MLV-515RA30

17.5 17 16.5 16 15.5 15 14.5 14 13.5 13 12.5 12 11.5 11 10.5 10

- Proposed Facility Modification/Addition
- Existing Compressor Station
- Mile Post
- Existing Springville Pipeline
- Proposed Pipeline
- Existing Transco Pipelines
- Proposed Limits of Disturbance
- Municipal Boundaries

Notes:
1. Maps Reduced from USGS 7.5 Minute Quadrangles:
Avoca, Kingston, Pittston, Pleasant View Summit, & Wilkes-Barre East

1 Inch = 2,000 Feet
0 2,000 4,000 Feet

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TRANSCONTINENTAL GAS PIPE LINE COMPANY, LLC

REGIONAL ENERGY ACCESS EXPANSION PROJECT

PROPOSED 30" REGIONAL ENERGY LATERAL

PROJECT LOCATION MAP

KINGSTON, JENKINS, WEST WYOMING, WYOMING, & LAFLIN | LUZERNE COUNTY | PENNSYLVANIA

Date: 2/28/2022

Drawn By: FTN

Figure Number: REL-3

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20.5
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19
17.5
17
16.5

Hildebrandt Tie-in/
MLV-515RA40

Lower Demunds
REL Tie-In

Carverton
Tie-In

Proposed Facility Modification/Addition
Existing Compressor Station
Mile Post
Existing Springville Pipeline
Proposed Pipeline
Existing Transco Pipelines
Proposed Limits of Disturbance
Municipal Boundaries

Notes:
1. Maps Reduced from USGS 7.5 Minute Quadrangles:
Avoca, Kingston, Pittston, Pleasant View Summit, & Wilkes-Barre East

1 Inch = 2,000 Feet
0 2,000 4,000 Feet

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TRANSCONTINENTAL GAS PIPE LINE COMPANY, LLC

REGIONAL ENERGY ACCESS EXPANSION PROJECT
PROPOSED 30" REGIONAL ENERGY LATERAL

PROJECT LOCATION MAP

DALLAS, KINGSTON, & WEST WYOMING TOWNSHIP | LUZERNE COUNTY | PENNSYLVANIA

Date: 2/28/2022

Drawn By: FTN

Figure Number: REL-4

Tax Account Number / APN	Legal Desc County	Municipality
33F11 00A00F000	Luzerne	Laflin
33F11S10001008000	Luzerne	Laflin
33F11S1000108A000	Luzerne	Laflin
33F11S1000108B000	Luzerne	Laflin
33F12S10001007000	Luzerne	Laflin
33F12S10001008000	Luzerne	Laflin
33G11S4 00212J000	Luzerne	Laflin
33G12 00A001000	Luzerne	Laflin
36F11 00A007000	Luzerne	Laflin
36F11 00A007000	Luzerne	Laflin
36F11 00A008000	Luzerne	Laflin
36F11 00A00A000	Luzerne	Laflin
36F11 00A00D000	Luzerne	Laflin
36F11 00A07M000	Luzerne	Laflin
36F11 00A007000	Luzerne	Laflin
36F11 00A007000	Luzerne	Laflin
36F11 00A007000	Luzerne	Laflin
36F11 00A08A000	Luzerne	Laflin
36F11S5 001001000	Luzerne	Laflin
36F11S5 001015000	Luzerne	Laflin
36F11S5 002013000	Luzerne	Laflin
36F11S5 002014000	Luzerne	Laflin
36F11S5 003016000	Luzerne	Laflin
36F11S5 003017000	Luzerne	Laflin
36F11S5 00315A000	Luzerne	Laflin
36F11S5 004001000	Luzerne	Laflin
36F11S5 004004000	Luzerne	Laflin
36F11S5 00405A000	Luzerne	Laflin
36F11S5 00405B000	Luzerne	Laflin
36F11S5 005013000	Luzerne	Laflin
36F11S5 005013000	Luzerne	Laflin
36F11S5 005013000	Luzerne	Laflin
36F11S5 005013000	Luzerne	Laflin
36F11S5 005016000	Luzerne	Laflin
36F11S5 01A01A000	Luzerne	Laflin
36F11S7 01E024000	Luzerne	Laflin
36F11S8 06A13B000	Luzerne	Laflin
36F11S8 06A16B000	Luzerne	Laflin
36F11S8 06A17A000	Luzerne	Laflin
36F11S8 06A19A000	Luzerne	Laflin
36F11S8 06A19B000	Luzerne	Laflin
36F11S8 06A20A000	Luzerne	Laflin
36F11S8 06B001000	Luzerne	Laflin
36F11S8 06B002000	Luzerne	Laflin

Tax Account Number / APN	Legal Desc County	Municipality
36F11S8 06B003000	Luzerne	Laflin
36F11S8 06C001000	Luzerne	Laflin
36F11S8 06C009000	Luzerne	Laflin
36F11S9 001001000	Luzerne	Laflin
36F11S9 001002000	Luzerne	Laflin
36F11S9 001003000	Luzerne	Laflin
36F11S9 001004000	Luzerne	Laflin
36F11S9 001005000	Luzerne	Laflin
36F11S9 001007000	Luzerne	Laflin
36F11S9 001008000	Luzerne	Laflin
50G11 00A006000	Luzerne	Laflin

pennsylvania
DEPARTMENT OF ENVIRONMENTAL PROTECTION

COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
BUREAU OF CLEAN WATER

COUNTY NOTIFICATION OF PLANNED LAND DEVELOPMENT FOR CHAPTER 102 PERMITS

PROJECT INFORMATION (COMPLETED BY APPLICANT)

Applicant Name:	**Transcontinental Gas Pipe Line Company, a subsidiary of Williams Partners, L.P.**	Contact Name:	**Joseph Dean** **Manager-Permitting**
Applicant Address:	**2800 Post Oak Blvd, Level 11**	Contact Phone:	**(713) 215-3427**
Applicant City, State, ZIP:	**Houston, TX 77056**	County:	**Luzerne**
		Municipality:	**Buck, Bear Creek, Plains, Jenkins, Kingston, Dallas, Wyoming, West Wyoming Laflin**

Description of Proposed Land Development and Stormwater Controls:

The Regional Energy Lateral component of the Regional Energy Access Expansion Project will consist of approximately 22.3 miles of 30-inch diameter pipeline, partially co-located with existing Transco Leidy Line-A, in Buck, Bear Creek, Plains, Jenkins, Kingston and Dallas Townships, and Laflin, Wyoming, and West Wyoming Boroughs, Luzerne County, Pennsylvania. The Regional Energy Lateral begins at existing Compressor Station 515 in Buck Township and continues westward to its terminus at Transco's existing Hildebrandt Tie-in in Dallas Township. Transco will be installing four mainline valves with appurtenant equipment, as a means to isolate gas flows along the Regional Energy Lateral. The mainline valve sites at each pipeline terminus (MLV515RA10 at Compressor Station 515 and MLV515RA40 at the Hildebrandt Tie-in) will also have pig traps (industry term for manifolds that launch or receive in-line inspection tools). The other two valve sites are proposed along the pipeline route (MLV515RA20 at Milepost 7.5 and MLV515RA30 at Milepost 14.8). Modifications at three existing pipeline interconnects are proposed to tie-in the proposed pipeline to the existing facilities. The Carverton Tie-In is located at Milepost 16.8. The Lower Demunds Tie-In is located at Milepost 22.3 and also includes a +/- 400-ft segment of 20-in pipeline to connect to the existing facility. The Hildebrandt Tie-In is located at the Regional Energy Lateral pipeline terminus and includes MLV515RA40. Two contractor yards are proposed for the Project and are located adjacent to the pipeline. CY-LU-001 is located at Milepost 15.3 and CY-LU-002 is located at Milepost 10.5. Cathodic protection equipment will be installed along the pipeline route. Deep anode ground beds are proposed at Mileposts 7.5 and 19.8, and one remote anode ground bed is proposed at Milepost 15.3.

The existing Compressor Station 515 component of the Project is located at the eastern terminus of the Regional Energy Lateral in Buck Township, Luzerne County. Proposed at this facility is the addition of two gas-fired turbine driven compressor units with 63,742 nominal HP at ISO conditions and modification of three existing compressors to support the Project and to accommodate the abandonment and replacement of approximately 17,000 HP from five existing gas-fired reciprocating engine driven compressors and increase the certificated station compression by 46,742 HP. One Mainline Valve will be installed at this facility (MLV515RA10).

*On March 31, 2021 Transco submitted to you its E&S and PCSM Plans (Plans) as part of the ESCGP-3 permit application notification. The purpose of this notice is to let you know that Transco will be submitting an Erosion and Sediment Control Permit for Discharges of Stormwater Associated with Construction Activities Application to the PA Dept. of Environmental Protection to replace the ESCGP-3 application. Please refer to the previously submitted Plans.

Project Area:	**952.63**	acres	☐ Phased
Disturbance:	**420.67**	acres	

Tax Parcel ID(s) Affected by Proposed Land Development:

See attached table

Surface Waters Receiving Stormwater Discharges:

Stony Run, Shades Creek, Little Shades Creek, Snider Run, Meadow Run, Bear Creek, Little Bear Creek, Mill Creek, Gardner Creek, Susquehanna River, Abrahams Creek, Toby Creek, Trout Brook

Discharge to: ☐ MS4 ☐ Other SS ☐ CSS

The following information was submitted to the county for this project:

☐ Land Development / Subdivision Plan ☒ E&S Plan ☒ PCSM Plan ☐ Other:

COUNTY PLAN INFORMATION (COMPLETED BY COUNTY)

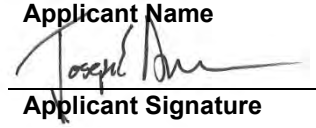
Name of county organization completing this assessment:

1.	Is there an adopted county or multi-county comprehensive plan?	☐ Yes	☐ No	
2.	If Yes to #1, is the proposed project consistent with the county plan?	☐ Yes	☐ No	
3.	Is there a DEP-approved Act 167 stormwater management plan?	☐ Yes	☐ No	☐ CCD
4.	If Yes to #3, is the proposed project consistent with the Act 167 plan, without waiver?	☐ Yes	☐ No	☐ CCD
5.	If Yes to #3, list the date of the latest plan / update approved by DEP:			☐ CCD

APPLICANT CERTIFICATION	COUNTY ACKNOWLEDGEMENT
I certify under penalty of law (see 18 Pa.C.S. § 4904 (relating to unsworn falsification)) that the information reported herein was prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the information, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.	The county acknowledges that a permit application for the above-referenced project has been submitted to a reviewing agency and that notification requirements of Act 14 of 1984 and Acts 67, 68, and 127 of 2000 have been satisfied. The information reported herein by the county is true and accurate. County acknowledgment of receipt of notification shall not be construed as project approval.

Joseph Dean

Applicant Name



Applicant Signature

Manager - Permitting

Applicant Title

07/01/2021

Date of Signature

County Representative Name

County Representative Signature

County Representative Title

Date of Signature

Tax Account Number / APN	Legal Desc County	Municipality
04H12 00A025000	Luzerne	Bear Creek
04H12 00A026000	Luzerne	Bear Creek
04H12 00A041000	Luzerne	Bear Creek
04H12 00A053000	Luzerne	Bear Creek
04H12 00A05F000	Luzerne	Bear Creek
04H12 00A05Y000	Luzerne	Bear Creek
04H12 00A05Y000	Luzerne	Bear Creek
04H12 00A25B000	Luzerne	Bear Creek
04-H12- 00A-53A-000	Luzerne	Bear Creek
04H12 00A55A000	Luzerne	Bear Creek
04I12 00A002000	Luzerne	Bear Creek
04I13 00A001000	Luzerne	Bear Creek
04I13 00A001000	Luzerne	Bear Creek
04J13 00A008000	Luzerne	Bear Creek
04J13 00A08A000	Luzerne	Bear Creek
04J13S2 002019000	Luzerne	Bear Creek
04J13S2 00219A000	Luzerne	Bear Creek
04J13S3 001003000	Luzerne	Bear Creek
04K13 00A20A000	Luzerne	Bear Creek
05J14 00AVAR000	Luzerne	Buck
05J14 00AVAR000	Luzerne	Buck
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05K14 00A051000	Luzerne	Buck
10D8 00A018000	Luzerne	Dallas
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67F10NE200424B000	Luzerne	Wyoming

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March 31, 2021

<u>UPS TRACKING</u> (1Z8797VV0391946506)

Luzerne County Planning Commission
20 North Pennsylvania Avenue
Wilkes-Barre, PA 18711

Re: Regional Energy Access Expansion Project – Regional Energy Lateral and Compressor Station 515
Pennsylvania Acts 14, 67, 68, and 127 Notification
Buck, Bear Creek, Plains, Jenkins, Kingston, Dallas, Wyoming, West Wyoming, Laflin Townships, Luzerne County, Pennsylvania

Dear Luzerne County Commissioners:

This municipal notice, under the requirements of Act 14, 97 P.S. § 510-5, is to inform you that Transcontinental Gas Pipe Line Company, LLC (Transco), a subsidiary of The Williams Companies, Inc. (Williams) is applying for coverage under the Erosion and Sediment Control General Permit (ESCGP-3) for Earth Disturbance Associated with Oil & Gas Exploration, Production, Processing or Treatment Operations or Transmission Facilities from the Pennsylvania Department of Environmental Protection (DEP).

1) Project Name: Regional Energy Access Expansion Project – Regional Energy Lateral and Compressor Station 515

2) Project Description: Transco, indirectly owned by The Williams Companies, Inc. (Williams), is seeking authorization from the Federal Energy Regulatory Commission (FERC or Commission) under Section 7(c) of the Natural Gas Act and Part 157 of the Commission's regulations, to construct, own, operate, and maintain the proposed Project facilities. The Project is an expansion of Transco's existing natural gas transmission system that will enable Transco to provide an incremental 829,400 dekatherms per day (Dth/d) of year-round firm transportation capacity from the Marcellus Shale production area in northeastern Pennsylvania (PA) to multiple delivery points along Transco's Leidy Line in PA, Transco's mainline at the Station 210 Zone 6 Pooling Point in Mercer County, New Jersey (NJ) and multiple delivery points in Transco's Zone 6 in NJ, PA, and Maryland (MD).

The Regional Energy Lateral component of the Project will consist of approximately 22.3 miles of 30-inch diameter pipeline, partially co-located with existing Transco Leidy Line-A, in Buck, Bear Creek, Plains, Jenkins, Kingston and Dallas Townships, and Laflin, Wyoming, and West Wyoming Boroughs, Luzerne County, Pennsylvania. The Regional Energy Lateral begins at existing Compressor Station 515 in Buck Township and continues westward to its terminus at Transco's existing Hildebrandt Tie-in in Dallas Township. Transco will be installing four mainline valves with appurtenant equipment, as a means to isolate gas flows along the Regional Energy Lateral. The mainline valve sites at each pipeline terminus (MLV515RA10 at Compressor Station 515 and MLV515RA40 at the Hildebrandt Tie-in) will also have pig traps (industry term for manifolds that launch or receive in-line inspection tools). The other two valve sites are proposed along the pipeline route (MLV515RA20 at Milepost 7.5 and MLV515RA30 at Milepost 14.8). Modifications at three existing pipeline interconnects are proposed to tie-in the proposed pipeline to the existing facilities. The Carverton Tie-In is located at Milepost 16.8. The Lower Demunds Tie-In is located at Milepost 22.3 and also includes a +/- 400-ft segment of 20-in pipeline to connect to the existing facility. The Hildebrandt Tie-In is located at the Regional Energy Lateral pipeline terminus and includes MLV515RA40. Two contractor yards are proposed for the Project and are located adjacent to the pipeline. CY-LU-001 is located at Milepost 15.3 and CY-LU-002 is located at Milepost 10.5. Cathodic protection

equipment will be installed along the pipeline route. Deep anode ground beds are proposed at Mileposts 7.5 and 19.8, and one remote anode ground bed is proposed at Milepost 15.3.

The existing Compressor Station 515 component of the Project is located at the eastern terminus of the Regional Energy Lateral in Buck Township, Luzerne County. Proposed at this facility is the addition of two gas-fired turbine driven compressor units with 63,742 nominal HP at ISO conditions and modification of three existing compressors to support the Project and to accommodate the abandonment and replacement of approximately 17,000 HP from five existing gas-fired reciprocating engine driven compressors and increase the certificated station compression by 46,742 HP. One Mainline Valve will be installed at this facility (MLV515RA10).

3) Applicant Name: Transcontinental Gas Pipe Line Company, LLC's (Transco), a subsidiary of Williams Partners L.P. (Williams)

4) Applicant Contact: Joseph Dean
Manager, Permitting
2800 Post Oak Blvd, Level 11
Houston, TX 77056
(713) 215-3427

5) Site Location: The proposed Project is located on the Kingston, Pittston, Wilks-Barre East, Pleasant View Summit, Pennsylvania, 7.5 Minute USGS quadrangle. The Project is partially co-located with an existing pipeline right-of-way. The eastern terminus of the Regional Energy Lateral is located at: 41°10'24.037" 75°40'18.141"W, and is also the location of Compressor Station 515. The western pipeline terminus: 41°20'48.869"N, 75°56'46.642"W.

6) Municipality / County: Buck, Bear Creek, Plains, Jenkins, Kingston, and Dallas Townships, Wyoming, West Wyoming, and Laflin Boroughs, Luzerne County

Act 14, which amended the Commonwealth's Administrative Code (71 P.S. § 510-5), requires every applicant for a new, amended, or revised permit to give written notice to each municipality (borough, township) and county government in which the facility is located. The municipality and county government must receive the written notice at least thirty (30) - days before DEP may issue or deny approval of coverage.

Enclosed is a complete copy of the Notice of Intent (NOI) completed for the project as well as copies of the erosion and sediment control plan and post construction stormwater management plans.

Sincerely,

Ryan J. Nelson, PWS
WHM Consulting, LLC

Enclosures:
NOI Form
Erosion and Sediment Control Plan Drawings
Post Construction Stormwater Management Plan Drawings

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WHM CONSULTING, INC

Tracking Number:	1Z8797VV0391946506
Ship To:	LUZERNE COUNTY PLANNING COMMISSION 20 NORTH PENNSYLVANIA OFFICE WILKES BARRE, PA 18711 US
Number of Packages:	1
UPS Service:	UPS Ground
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Reference Number:	WILLIAMS 20-244 TASK 2C

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pennsylvania
DEPARTMENT OF ENVIRONMENTAL PROTECTION

COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
OFFICE OF WATER PROGRAMS
OFFICE OF OIL AND GAS MANAGEMENT

OFFICIAL USE ONLY
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Date Received
AUTH
SITE
CLNT
APS
Fee
Check No.
Check Date

NOTICE OF INTENT (NOI) FOR COVERAGE UNDER THE EROSION AND SEDIMENT CONTROL GENERAL PERMIT (ESCGP-3) FOR EARTH DISTURBANCE ASSOCIATED WITH OIL AND GAS EXPLORATION, PRODUCTION, PROCESSING, OR TREATMENT OPERATIONS OR TRANSMISSION FACILITIES

READ THE INSTRUCTIONS PROVIDED IN THIS PERMIT APPLICATION PACKAGE BEFORE COMPLETING THIS FORM. PLEASE PRINT OR TYPE INFORMATION IN BLACK OR BLUE INK.

SECTION A. APPLICATION TYPE

Check one:

NEW ☒ **RENEWAL** ☐ **MAJOR MODIFICATIONS (Provide ESCGP number)** ☐

PHASED ☐ (check only if applicable; *note: Most projects are not submitted as phased projects*)

Check one: EXPEDITED ☐ **STANDARD** ☒

If an Expedited Review Process being requested, be advised that the Expedited Review is not available for all projects. Refer to Section D - Expedited Review Process of the ESCGP-3 NOI Instructions to determine if the project is eligible.

SECTION B. CLIENT INFORMATION

Applicant's Last Name (If applicable)	First Name	MI	Telephone No.
Organization Name or Registered Fictitious Name Transcontinental Gas Pipe Line Company, LLC (Contact: Joseph Dean)			Telephone No. (713) 215-3427
DEP Client ID No.			
Headquarters Mailing Address 2800 Post Oak Blvd, Level 11	City Houston	State TX	ZIP Code 77056
Email Address Joseph.Dean@williams.com			
Co-Applicant's Last Name (If applicable)	First Name	MI	Telephone No.
Organization Name or Registered Fictitious Name			Telephone No.

Address	City	State	ZIP Code
Email Address			

SECTION C. SITE INFORMATION			
Is there an existing ESCGP associated with this site? ☐ Yes ☒ No If yes, Permit No. _____			
Has a well permit application been submitted for this site? ☐ Yes ☒ No If yes, Permit No. _____ Does this site have a 911 address? ☐ Yes ☒ No If yes, provide site location address.			
Site Name Regional Energy Access Expansion Project			
Site Location See Attachment 1-1.1- NOI Supporting Information	Site No. (if another permit has been issued for the site)		
Site Location – City See Attachment 1-1.1- NOI Supporting Information		State PA	ZIP Code
Detailed Written Directions to Site See Attachment 1-1.1- NOI Supporting Information for locations of all project sites			

Primary Location	County	Municipality	City	Boro	Twp.
	Luzerne, Northhampton, Bucks, Chester, and Monroe	Buck, Bear Creek, Plains, Jenkins, Kingston, Lower Mt. Bethel, Ross, Chestnut Hill, Tunkhannock, Lower Makefield, East Whiteland and Dallas Townships Wyoming, West Wyoming, and Laflin Boroughs	☐	☒	☒

SECTION D. EXPEDITED REVIEW	
I. Expedited Review Eligibility	
1. Is any part of the project in the watershed of a surface water with an existing or designated use of exceptional value or high quality pursuant to Chapter 93 (relating to water quality standards), in an exceptional value wetland in accordance with 25 Pa. Code § 105.17, or in the watershed of an impaired surface water where the cause of the impairment is identified as siltation?	☒ Yes ☐ No
2. Will the project in which the well pad will be constructed be in or on a floodplain?	☐ Yes ☒ No
3. Is any earth disturbance located or proposed to be located on land known to be contaminated by the release of regulated substances as defined in Section 103 of Act 2, 35 P.S. § 6026.103?	☐ Yes ☒ No
4. Will naturally occurring geologic formations or soil conditions provide hazards to the project or surrounding environment or have the potential to cause or contribute to pollution when disturbed?	☒ Yes ☐ No
5. Do any unresolved non-compliance issues exist with the applicant or the facility?	☐ Yes ☒ No
6. Is the project a transmission project?	☒ Yes ☐ No

If yes to any of the above questions the project is not eligible for Expedited Review; If the project is eligible for Expedited Review, all the following items must be completed.	
II. Expedited Review Process	
1. Is the technically and administratively complete and accurate NOI package prepared and certified by a licensed professional?	☐ Yes ☐ No
2. Are E&S and PCSM/Site Restoration Plan drawings and narrative prepared and sealed by a licensed professional? *(Include interim restoration details when needed)*	☐ Yes ☐ No
3. Include a Resource Delineation Report and answer the following questions: (If the answer to question a. is "Yes" then skip to #4. If the answer to a. is "No" the applicant must answer "Yes" to at least one of the questions, b. through d. to be eligible for expedited review.)	
a. Were all wetland resources delineated during the growing season?	☐ Yes ☐ No
b. If not during the growing season, was a follow-up visit conducted during the growing season to verify/adjust boundaries and look for potentially missed resources?	☐ Yes ☐ No
c. Was a quality assurance field review conducted at a later date by an independent qualified wetland professional to verify boundaries and look for potentially missed resources? (If yes, attach Quality Assurance Field Review Report)	☐ Yes ☐ No
d. Was a Jurisdictional Determination (JD) or Preliminary JD conducted by the US Army Corps of Engineers on the whole project? (If yes, attach Preliminary or Jurisdictional Determination Report)	☐ Yes ☐ No
4. If applicable, have you included PNDI clearance letters or other documentation from applicable resource agencies?	☐ Yes ☐ No
5. If the project site contains, is along, or within 100 feet of a river, stream, creek, lake, pond or reservoir, will you establish new or preserve existing riparian forest buffer at least 100 feet in width between the top of streambank or normal pool elevation of a lake, pond or reservoir and areas of earth disturbances. If no, will a waiver be obtained? ☐ Yes ☐ No	☐ Yes ☐ No
6. Name of Licensed Professional Company	
Address	
Phone	

SECTION E. PROJECT INFORMATION			
1. Total Project Area/Project Site (Ac):	1,346 (Also see Attachment 1-1.1)	Total Disturbed Area (Ac):	689.8 (Also see Attachment 1-1.1)
Increased disturbed acreage *(for permit modification only)*			
Fee: ***(For additional information regarding fees, refer to NOI Instructions #3 Permit NOI Filing Fees.)***			$ $500 (Filing Fee), $69,000 (Disturbed Acre Fee)
2. Project Name: Regional Energy Access Expansion Project			

3. Project Type (Check all that apply)

- ☐ Oil/Gas Well [1]
- ☐ Gathering Facility
- ☐ Treatment Facility
- ☒ Compressor Station
- ☒ Pipeline
- ☐ Storage Field Facility
- ☐ Other
- ☒ Transmission Facility
- ☐ Processing Facility
- ☐ Well Development Impoundment
- ☐ Non-FERC regulated Transmission Facility
- ☐ Ground/Surface Water Withdrawal Site

[1] If Oil/Gas Well; is the well conventional or unconventional? ☐ Conventional ☐ Unconventional

Project Description

Transco, indirectly owned by The Williams Companies, Inc. (Williams), is seeking authorization from the Federal Energy Regulatory Commission (FERC or Commission) under Section 7(c) of the Natural Gas Act and Part 157 of the Commission's regulations, to construct, own, operate, and maintain the proposed Project facilities

The Project is an expansion of Transco's existing natural gas transmission system that will enable Transco to provide an incremental 829,400 dekatherms per day (Dth/d) of year-round firm transportation capacity from the Marcellus Shale production area in northeastern Pennsylvania (PA) to multiple delivery points along Transco's Leidy Line in PA, Transco's mainline at the Station 210 Zone 6 Pooling Point in Mercer County, New Jersey (NJ) and multiple delivery points in Transco's Zone 6 in NJ, PA, and Maryland (MD). The Project will consist of the following components:
•Approximately 22.3 miles of 30-inch-diameter pipeline partially collocated with Transco's Leidy Line A from milepost (MP) 0.00 to MP 22.32 in Luzerne County, PA (Regional Energy Lateral);
• Approximately 13.8 miles of 42-inch-diameter pipeline collocated with Transco's Leidy Line System from MP 43.72 to MP 57.50 in Monroe County, PA (Effort Loop);
• New gas-fired turbine driven compressor station identified as Compressor Station 201 with 11,107 nominal horsepower (HP) at International Organization of Standardization (ISO) conditions in Gloucester County, NJ;
• Addition of two gas-fired turbine driven compressor units with 31,800 nominal HP at ISO conditions at existing Compressor Station 505 in Somerset County, NJ, to accommodate the abandonment and replacement of approximately 16,000 HP from eight existing internal combustion engine-driven compressor units and increase the certificated station compression by 15,800 HP;
• Addition of two gas-fired turbine driven compressor units with 63,742 nominal HP at ISO conditions and modification of three existing compressors at existing Compressor Station 515 in Luzerne County, PA to support the Project and to accommodate the abandonment and replacement of approximately 17,000 HP from five existing gas-fired reciprocating engine driven compressors and increase the certificated station compression by 46,742 HP;
• Uprate and rewheel two existing electric motor-driven compressor units at existing Compressor Station 195 in York County, PA to increase the certificated station compression by 5,000 HP and accommodate the abandonment of two existing gas-fired reciprocating engine driven compressors which total approximately 8,000 HP of compression;
•Modifications at existing Compressor Station 200 in Chester County, PA;
•Uprate one existing electric motor-driven compressor unit at Compressor Station 207 in Middlesex County, NJ to increase the certificated station compression by 4,100 HP;
• Modifications to three (3) existing pipeline tie-ins in PA (Hildebrandt Tie-in, Lower Demunds REL Tie-in, and Carverton Tie-in);
•Addition of regulation controls at an existing valve setting on Transco's Mainline "A" in Bucks County, PA (Mainline A Regulator);
•Modifications at the existing Delaware River Regulator in Northampton County, PA;
•Modifications at the existing Centerville Regulator in Somerset County, NJ;
•Modifications to the existing valves and piping at the Princeton Junction (Station 210 Pooling Point) in Mercer County, NJ;
• Modifications to three (3) existing delivery meter stations in NJ (Camden M&R Station, Lawnside M&R Station, and Mt. Laurel M&R Station);
•Modifications to one (1) existing delivery meter station in MD (Beaver Dam M&R Station);
•Contractual changes (no modifications) at ten (10) existing delivery meter stations in PA and NJ (Algonquin-Centerville Meter Station, Post Road Meter Station, New Village Meter Station, Spruce Run Meter Station, Marcus Hook Meter Station, Ivyland Meter Station, Repaupo Meter Station, Morgan Meter Station, Lower Mud Run Meter Station, and Chesterfield Meter Station);
• Additional ancillary facilities, such as mainline valves (MLVs), cathodic protection, communication facilities, and internal inspection device (e.g., pig) launchers and receivers in PA; and
• Existing, improved, and new access roads and contractor yards/staging areas in PA, NJ, and MD.
Provide the date of pre-application meeting (if conducted with the Department) 04/27/20, 07/09/20, 09/04/20, 09/30/20, 12/15/20, 12/16/20, 01/06/21, 02/05/21

4. Provide the latitude and longitude coordinates for the center of the project. The coordinates should be in Decimal degrees and North American Datum 1983. The coordinates must meet the current DEP policy regarding locational accuracy. For linear projects provide the project's termini. See Attachment 1-1.1

Latitude (DD) . Longitude (DD) - .

Latitude (DD) . Longitude (DD) - .

Horizontal Collection Method: ☐ GPS ☒ Interpolated from U.S.G.S. Topographic Map ☐ DEP's eMAP

5. U.S.G.S. 7.5 min. topographic quadrangle Name (See Attachment 1-1.1)
(*Include a copy of the project area on the 7.5 min quad map)*

6. Will the project be conducted as a phased permit project? ☐ Yes ☒ No
If Yes, Include Master Site Plan Estimated Timetable for Phased Projects. ☐ Additional sheet(s) attached.

Phase No. or Name	Description	Total Area	Disturbed Area	Start Date	End Date

7. List existing and previous land use for a minimum of the previous 5 years. (See Section 2 of this ESCGP-3 Application)

8. Other Pollutants: Will the stormwater discharge contain pollutional substances other than sediment? ☐ Yes ☒ No

9. Will fuels, chemicals, solvents, other hazardous waste or materials be used or stored on site during earth disturbance activities or will Horizontal Directional Drilling (HDD) activities be conducted?
Yes ☒ No ☐ ***(If yes, Preparedness, Prevention and Contingency (PPC) Plan must be maintained on site during earth disturbance. See NOI Instructions, E.9 PPC Plan Guidance for further information.)***

10. Is the project in the watershed of an impaired surface water where the cause of the impairment is identified as siltation?
Yes ☒ No ☐ (See Section 2-5 of this ESCGP-3 Application) ***(If yes, show how the project will not result in a net change in volume, rate or water quality. See section I below, and E.10 of NOI instructions.)***

11. Are there potentially hazardous naturally occurring geological or soil conditions in any portion of the project or surrounding area? Yes ☒ No ☐

If yes, do the potentially hazardous geologic or soil conditions have the potential to cause or contribute to pollution as a result of the proposed earth disturbance activities?

If no, provide an explanation.

If yes, Geologic Hazard Mitigation Plan must be attached and explain where in this application details are provided.

12. Has the Act 14 Municipal Notification and proof of receipt of notification been attached to the NOI?
Yes ☒ No ☐ ***(If not, the NOI is not complete, see E.12 and #4 Municipal Notification in the NOI Instructions for additional guidance.)***

13. Has the PNDI receipt been attached to the NOI?
Yes ☒ No ☐ ***(If not, the NOI is not complete, see E.13 and #5 PNHP in the NOI Instructions for additional guidance.)***

14. Have the E&S Plan and PCSM/SR Plan been planned and designed to be consistent?
Yes ☒ No ☐

15. Have existing and/or proposed Riparian Forest Buffers been identified?
Yes ☒ N/A ☐ ***(If yes, they must be shown on the E&S Plan as well as the PCSM/SR Plans.)***

16. Have antidegradation implementation requirements for special protection waters been addressed?
Yes ☒ No ☐ N/A ☐ ***(If yes, antidegradation requirements must be included in the plan.)***

17. Has the seasonal high groundwater level been identified and 20-inch separation established at all excavation locations for pits for conventional operations and Well Development Impoundments for unconventional operations?

    Yes ☐ No ☐ N/A ☒

18. Receiving Waters	Chapter 93, Designated Use Stream Classification	Chapter 93, Existing Use Stream Classification
Effort Loop- Lake Creek (HQ-CWF,MF) Princess Run (CWF,MF) Weir Creek (CWF,MF) McMichael Creek (EV, MF) and (HQ-CWF) Pohopoco Creek (CWF,MF) Sugar Hollow Creek (CWF,MF) Poplar Creek (EV,CWF,MF) Mud Run (HQ-CWF, MF) Mud Pond Run (HQ-CWF,EV,MF) Tunkhannock Creek (HQ-CWF,MF) Regional Energy Lateral- Stony Run (HQ-CWF,MF) Shades Creek (HQ-CWF,MF) Little Shades Creek (HQ-CWF,MF) Snider Run (HQ-CWF,MF) Meadow Run (HQ-CWF,MF) Bear Creek (HQ-CWF,MF) Little Bear Creek (HQ-CWF,MF) Mill Creek (CWF,MF) Gardner Creek (CWF,MF) Susquehanna River (WWF,MF) Abrahams Creek (CWF,MF) Toby Creek (CWF,MF) Trout Brook (CWF,MF) Compressor Station 515- Shades Creek (HQ-CWF,MF) Stony Run (HQ-CWF,MF) Compressor Station 200- Valley Creek (EV,MF) Delaware River Regulator- Mud Run (CWF, MF) Mainline "A" Regulator - Dyers Creek (WWF,MF) See Attachment 1-1.1 for detailed list.	☒ HQ ☒ EV ☒ Other CWF, MF, WWF ☒ Siltation-impaired	☐ HQ ☒ EV ☒ Other MF ☐ Siltation-impaired
	☐ HQ ☐ EV ☐ Other _____ ☐ Siltation-impaired	☐ HQ ☐ EV ☐ Other _____ ☐ Siltation-impaired

	☐ HQ ☐ EV ☐ Other _____ ☐ Siltation-impaired ☐ HQ ☐ EV ☐ Other _____ ☐ Siltation-impaired	☐ HQ ☐ EV ☐ Other _____ ☐ Siltation-impaired ☐ HQ ☐ EV ☐ Other _____ ☐ Siltation-impaired
Secondary Receiving Water	Secondary Chapter 93, Designated Use	Secondary Existing Use
Name of Municipal or Private Separate Storm Sewer Operator, if applicable.		
Non-Surface Receiving Water: (include off-site discharges)		

SECTION F. EROSION AND SEDIMENT CONTROL (E&S) PLAN

See the attached Instructions for additional guidance with E&S Plans

Erosion and Sediment Control Plan BMPs should be designed to minimize accelerated erosion and sedimentation through limiting the extent and duration of earth disturbance, protection of existing drainage and vegetation, limiting soil compaction and controlling the generation of increased runoff. The Department recommends the use of the *Pennsylvania Erosion & Sedimentation Pollution Control Program Manual (E&S Manual)* (363-2134-008) to achieve this goal. The E&S Plan must meet the requirements of Pa. Code § 102.4(b) and submitted with the NOI. Also, see section 2. of the NOI instruction for detailed information on completing the E&S plan and additional requirements.

a. E&S Plan Summary

Provide a summary of proposed E&S BMPs and their performance to manage E&S for the project.

Typical BMPs provided along the pipeline Right-Of-Way includes waterbars, trench plugs, compost filter socks, compost sediment traps, rock filter outlets, erosion control blankets, rock construction entrances, temporary equipment bridges, timber mats, diversion channels, level spreaders, mulch and seed. An appropraite sediment removal device (filter bag, dewatering structure) and well-vegetated area will be utilized for trench dewatering. In HQ, EV watersheds, appropriate Antidegradation Best Available Combination of Technologies (ABACT) BMPs will be utilized. Additional information regarding all the proposed BMPs are provided in the Erosion and Sedimentation Control and Site Restoration Plans of respective project components (Section 2 of this ESCGP-3 Application).

b. E&S Plan BMP Design

Check those that apply:

☒ E&S Plan is designed using BMPs in the *E&S Manual*.

☐ E&S Plan is designed using an alternative BMP or design standard approved by DEP.

Note: NOI packages submitted with alternate BMPs not approved by the Department will be returned to the Applicant.

c. Do you have any information regarding riparian buffer which differs from Section G, Riparian Buffer?

Yes ☐ No ☒

Explain:

d. Thermal Impacts Analysis

Explain how thermal impacts associated with this project were avoided, minimized, or mitigated.

Thermal impacts associated with Regional Energy Access Expansion Project will be avoided to the maximum extent possible. Minimum permanent changes in land cover are being proposed for constructing the pipeline facilities. Runoff from impervious areas added during the project will be suitably routed to Stormwater BMPs. Gravel will be used for access roads wherever practicable. To avoid thermal impacts arising from clearing and grading, removal of vegetation will be limited to only that necessary for construction and construction Right-Of-Way will be limited to 75 feet in wetlands and floodways where practical. Once construction activities are complete, disturbed areas will be restored to pre-construction contours and seeded as described in Erosion and Sediment Control and Site Restoration Plans. Temporary workspaces will be restored back with woody and herbaceous species. Thermal impacts assessments corresponding to each project component including pipelines and aboveground facilities are given in Section 2 and 3 of this ESCGP-3 Application.

e. Off-Site Discharge Analysis

Does the activity propose any off-site discharges to areas other than surface waters? ☒ Yes ☐ No

If yes, it is the applicant's responsibility to ensure that they have legal authority for any off-site discharge to neighboring properties.

The applicant must provide a demonstration in both E&S and PCSM/SR plans that the discharge will not cause erosion, damage, or a nuisance to off-site properties.

See Offsite Discharge Analysis Sections in E&S Narratives

SECTION G. RIPARIAN BUFFER

1. Will you be protecting, converting or establishing a voluntary riparian forest buffer as part of this project?
   ☐ Yes ☒ No
   If yes, as part of the PCSM/SR Plan, provide a Buffer Management Plan.
2. Will proposed earth disturbance activities be conducted in an EV or HQ watershed AND within 150 feet of a perennial or intermittent river, stream, or creek, or lake, pond, or reservoir? ☒ Yes ☐ No

   If no, proceed to the next section/module.
3. Does this project qualify for an exception (see § 102.14(d)(1))? ☒ Yes ☐ No

   If yes, indicate below the type of project for which the exception applies by marking the appropriate box.

   ☐ Oil and gas activities for which site reclamation or restoration is part of the permit authorization in Chapter 78 and 78a.

   ☒ Road maintenance activities.

   ☐ The repair or maintenance of existing pipelines and utilities.

   ☐ Other (see §102.14(d)(1))

   If exceptions are checked, explain how existing riparian buffer will be undisturbed to the extent practicable. Provide a demonstration that the requirements of §102.14(b) are met, or provide the necessary information to request a riparian buffer waiver.
4. Are you requesting a riparian buffer waiver for this project (see § 102.14(d)(2))? ☒ Yes ☐ No

   If yes, indicate below the type of project for which you are requesting a waiver by marking the appropriate box.

   ☒ Linear project that may include pipelines, public roadways, rail lines, or utility lines.

   ☒ Project is of a temporary nature where the site will be fully restored to its preexisting conditions during the ESCGP permit term.

   ☒ Project where compliance with mandatory riparian buffers is not appropriate or feasible due to site characteristics or existing structures at the project site.

   ☐ Other (see §102.14(d)(2)):

   If waivers are checked, explain how existing riparian buffers will be undisturbed to the extent practicable.

   Note: If “Yes” to #2 **AND** “No” to #3 and #4, provide an attachment to demonstrate how the requirements of §102.14 are met.

SECTION H. POST CONSTRUCTION STORMWATER MANAGEMENT (PCSM) AND/OR SITE RESTORATION(SR) PLAN

See NOI Instructions for additional guidance with PCSM Plans

PCSM/SR BMPs should be designed to use natural measures to eliminate pollution, infiltrate runoff, not require extensive construction/maintenance, promote pollutant reduction, and preserve the integrity of stream channels. All PCSM/SR BMPs proposed in the PCSM/SR Plan must be designed in accordance with Ch. 102, Ch. 78a for unconventional operations, Ch. 78 for conventional operations and the *Pennsylvania Stormwater Best Management Practices Manual (Stormwater BMP Manual)* (363-0300-002). If alternate design criteria are utilized for the proposed project, they must have prior approval by the Department, or the NOI Application will be returned to the Applicant.

After construction is completed, how much of the entire disturbed area will be restored to meadow in good condition or better, or existing conditions? ☐ All ☒ Partial ☐ None

Include PCSM narrative and drawings for remaining impervious area. Also include a map showing the proposed contours of the site restoration plan.

If there are additional stages of the project prior to permit termination or expiration, list the stages and provide the documents required by subsection 'a' to section 'g' for each stage (e.g. partial restoration or changes to the amount of compacted areas, gravel, and/or impervious areas). Upload a narrative for each additional stage in addition to the drawings.

EXAMPLE

Stage No	Stage Name	PCSM Plan	SR Plan
Stage 1		☐	☐
Stage 2		☐	☐
Stage 3		☐	☐
Stage 4		☐	☐

Act 167 Consistency. Check those that apply.

Is there an Act 167 Plan? ☒ Yes ☐ No

☒ The attached PCSM/SR Plan is consistent with an applicable approved Act 167 Plan.

Complete the following for all approved Act 167 Stormwater Management Plans. (Use additional sheets if necessary)

Act 167 Plan Name	Date Adopted	Consistency Letter Included	
Luzerne County Stormwater Management Ordinance	August 18, 2010	Verification Report Included	☒
Valley Creek Watershed Stormwater Management Plan	February 04, 2011		

Note: A consistency letter is not required if a verification report is provided. See NOI Instructions. The PCSM/SR Plan must satisfy either sub paragraph 1, 2, or 3 below. Check those that apply.

1. ☒ Act 167 Plan approvals on or after January 2005 – The attached PCSM/SR Plan, in its entirety, is consistent with all requirements pertaining to rate, volume, and water quality from an Act 167 Stormwater Management Plan approved by DEP on or after January 2005. Box 1 must be checked if a current, DEP approved Act 167 plan exists.

2. ☒ The PCSM/SR Plan meets the standard design criteria from sections 102.8(g)(2) and (3) and the *Stormwater BMP Manual*. For projects involving oil and gas activities authorized by a permit issued under Chapter 78 or Chapter 78a (well pads) or pipelines and other similar utility infrastructure, post construction stormwater management requirements are met for all areas that are restored to preconstruction conditions or to a condition of meadow in good condition or better. *[Note: PCSM plans must meet both the volume and rate requirements in the regulations, which are provided in the 2 sections mentioned in this paragraph].*

3. ☐ Alternative Design Standard – The attached PCSM/SR Plan was developed using approaches as provided in 102.8(g)(2)(iv) and 102.8(g)(3)(iii). Demonstrate/explain in the space provided below how this standard will be either more protective than what is required in 102.8(g)(2) and 102.8(g)(3) or will maintain and protect existing water quality and existing and designated uses.

PCSM/SR BMP Alternative Standards:

Has the alternative BMP or design standard been approved by the Department?

☐ Yes

☐ No – Do not submit the ESCGP-3 application and see Section (H) of the NOI Instructions concerning the alternative BMP approval process.

Water Quality Compliance:

Does the PCSM/SR plan comply with requirements for volume control? ☒ Yes ☐ No

If yes, is at least 90% of the disturbed area controlled by a PCSM BMP? ☒ Yes ☐ No

If yes, do you have the Standard PCSM Worksheet # 10 attached to show water quality compliance has achieved?
☒ Yes ☐ No

If no, attach Standard PCSM Worksheets # 12 and #13 to show water quality compliance has achieved.

If PCSM/SR plan is not complying with the requirements for volume control, attach Standard PCSM Worksheets # 11, # 12 and #13 to show water quality compliance has achieved.

a. PCSM/SR Plan Summary

Provide a summary of proposed BMPs and their performance to manage PCSM/SR for the project.

Along the pipeline Right-Of-Way, typical E&S BMPs such as waterbars and erosion control blanket will be left in place as part of site restoration. After construction activities are completed, temporary workspaces will be restored to meadow in good condition or better than existing conditions. For the aboveground facilities, PCSM BMPs such as infiltration basins, diversion channels and vegetated swales will be used and left in place as part of site restoration. Additional information regarding all the proposed BMPs are provided in the Post-Construction Stormwater Management Plans of respective project components (Section 3 of this ESCGP-3 Application).

Check all that apply ☒ PCSM BMPs ☒ SR BMPs

b. Do you have any information regarding riparian buffer which differs from what was submitted in the Section G, Riparian Buffer?

☐ Yes ☒ No

Explain:

c. Thermal Impacts Analysis

Explain how thermal impacts associated with this project were avoided, minimized, or mitigated.

Runoff collected in PCSM BMPS such as infiltration basins will mitigate thermal impacts from post construction stormwater. Runoff collected in infiltration basins are discharged to receiving waters are not expected to be retained for more than 24 hours. Minimum permanent changes in land cover are being proposed for constructing the pipeline facilities. Gravel will be used for access roads wherever practicable. Removal of trees and riparian vegetation and addition of impervious surfaces will be limited to only that necessary for construction. Once construction activities are complete, disturbed areas will be restored to pre-construction contours and seeded as described in Erosion and Sedimental Control and Site Restoration Plans. Temporary workspaces will be restored back with woody and herbaceous species. Thermal impacts assessments correspoding to each project component including pipelines and aboveground facilities are given in Section 2 and 3 of this ESCGP-3 Application.

d. Off-Site Discharge Analysis.

Does the activity propose any off-site discharges to areas other than surface waters? ☒ Yes ☐ No

If yes, it is the applicant's responsibility to ensure that they have legal authority for any off-site discharge to neighboring properties.

The Applicant must provide a demonstration in both the E&S and PCSM/SR Plans that the discharge will not cause erosion, damage, or a nuisance to off-site properties.

See Offsite Discharge Analysis Sections in PCSM Narratives

NOI Section H. POST CONSTRUCTION STORMWATER MANAGEMENT (PCSM) PLANS

Summary Calculations of Post Construction Stormwater BMPs

1. Regional Energy Lateral Pipeline - MLV-515RA20
2. Regional Energy Lateral Pipeline - MLV-515RA30
3. Regional Energy Lateral Pipeline - Carverton Tie-in
4. Regional Energy Lateral Pipeline - Lower Demunds REL Tie-in
5. Regional Energy Lateral Pipeline – Hildebrandt Tie-in/MLV-515RA40
6. Effort Loop Pipeline - MLV-505LD86
7. Compressor Station 200
8. Compressor Station 515

NOTICE OF INTENT (NOI) FOR COVERAGE UNDER THE EROSION AND SEDIMENT CONTROL GENERAL PERMIT (ESCGP-3) FOR EARTH DISTURBANCE ASSOCIATED WITH OIL AND GAS EXPLORATION, PRODUCTION, PROCESSING, OR TREATMENT OPERATIONS OR TRANSMISSION FACILITIES

TABLES IN ADDENDUM OF NOI

SECTION H. POST CONSTRUCTION STORMWATER MANAGEMENT (PLAN) BMPs

Regional Energy Lateral Pipeline - MLV-515RA20 - Zenker Valve Yard

e. Summary Table for Supporting Calculation and Measurement Data
(See NOI Instructions for additional guidance with this section)

The remainder of this section (Summary Table for Calculation and Measurement Data) does not need to be completed for areas of projects involving oil and gas activities authorized by Chapter 78 or Chapter 78a (well pads) or pipelines and other similar utility infrastructure which will be restored to meadow in good condition or better or existing conditions.

Watershed Name: Mill Creek

Volume Control design storm frequency 2-year Rainfall amount 2.95 inches	Pre-construction	Post Construction	Net Change
Impervious area (acres)	0.00	0.19	+0.19
Volume of stormwater runoff (acre-feet) without planned stormwater BMPs	0.04	0.06	+0.02
Volume of stormwater runoff (acre-feet) with planned stormwater BMPs		0.03	-0.01
Stormwater discharge rate for the design frequency storm	Pre-construction	Post Construction	Net Change
1) 2-Year/24-Hour	3.51	3.22	-0.29
2) 10-Year/24-Hour	6.82	6.17	-0.65
3) 50-year/24-Hour	11.88	11.12	-0.76
4) 100-year/24-Hour	14.91	14.91	-0.00

f. Summary Description of PCSM/SR BMPs

In the lists below, check the BMPs identified in the PCSM Plan. The primary function(s) of the BMP listed in the functions column (infiltration/recharge; detention/retention; water quality). Additional functions may be added if applicable to that BMP. List the stormwater volume and area of runoff to be treated by each BMP type when calculations are required. If any BMP in the PCSM/SR Plan is not listed below, describe it in the space provided after "Other". A summary table with infiltration testing information (Attachment E, included in the NOI Instructions) must be submitted for all Bio-infiltration BMPs included in PCSM/SR plan.

For Rate control provide the volume of stormwater treated and acres treated for the 100-year/24-hour storm event.

For volume control and water quality provide the volume of stormwater treated and acres treated for the 2-year/24-hour storm event.

Key for BMP purpose(s): VC = Volume Control; RC = Rate Control; and WQ = Water Quality

BMP	Function(s)	Purpose(s)	Volume of stormwater treated	Acres treated
Site Restoration ONLY				
☐ Restore Site to Meadow in Good Condition or Better, or Existing Conditions	Infiltration/Recharge Detention/WQ Treatment	☐ VC ☐ RC ☐ WQ	_____	_____
Bio-infiltration areas	Infiltration/Recharge			
☐ Infiltration Trench		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Infiltration Bed		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Infiltration Basin		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Rain Garden/ Bioretention		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Infiltration Berm				
☐ Vegetated Swale		☐ VC ☐ RC ☐ WQ	_____	_____
Natural Area Conservation	Infiltration/Recharge			
☐ Streamside Buffer Zone		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Wetland Buffer Zone		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Sensitive Area Buffer Zone		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Pre-Construction Drainage Pattern Intact		☐ VC ☐ RC ☐ WQ	_____	_____
Stormwater Retention	Detention/Retention			
☐ Constructed Wetlands		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Wet Ponds		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Retention Basin		☐ VC ☐ RC ☐ WQ	_____	_____
Sediment and Pollutant Removal	Water Quality Treatment			
☐ Vegetated Filter Strips		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Compost Filter Sock		☐ VC ☐ RC ☐ WQ	_____	_____
☒ Detention Basins		☒ VC ☒ RC ☒ WQ	1,396cf(2-yr); 6,186cf(100-yr)	0.28
Access Road Design	Infiltration/Recharge			
☐ Road Crowning		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Ditches		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Turnouts		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Culverts		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Roadside Vegetated Filter Strips		☐ VC ☐ RC ☐ WQ	_____	_____

Stormwater Energy Dissipaters	Infiltration/Recharge			
☐ Level Spreaders		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Riprap Aprons		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Upslope Diversions		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Other_____		☐ VC ☐ RC ☐ WQ	_____	_____

g. Critical PCSM Plan stages

Identify and list critical stages of implementation of the PCSM Plan for which a licensed professional or designee shall be present on site.

1. Upon commencement of construction activities to ascertain the Dry Extended Detention Basin area has been flagged and fence erected to prevent access to the area.

2. At completion of Diversion Channels to ensure they have been constructed to the proposed lines and grades, the specified lining materials have been installed in accordance with the requirements of the plans and specifications, and if applicable, vegetation has been established.

3. At the beginning of construction of the Dry Extended Detention Basin to ensure the infiltration area has not been compacted by construction activities.

4. During construction of the Dry Extended Detention Basin the licensed professional will observe that the BMP is constructed in accordance with the plans and specifications.

5. At completion of Collection Channel C1 to ensure it has been constructed to the proposed line and grade, the specified lining material has been installed in accordance with the requirements of the plans and specifications, and if applicable, vegetation has been established.

6. Following installation of the Valve Yard Pad subgrade to ensure stormwater flow is directed to Collection Channel C1.

7. For final inspection of constructed BMPs.

8. At the establishment of hard surface stabilization or 70% vegetation covers to allow removal of E&S controls.

NOTICE OF INTENT (NOI) FOR COVERAGE UNDER THE EROSION AND SEDIMENT CONTROL GENERAL PERMIT (ESCGP-3) FOR EARTH DISTURBANCE ASSOCIATED WITH OIL AND GAS EXPLORATION, PRODUCTION, PROCESSING, OR TREATMENT OPERATIONS OR TRANSMISSION FACILITIES

TABLES IN ADDENDUM OF NOI

SECTION H. POST CONSTRUCTION STORMWATER MANAGEMENT (PLAN) BMPs

Regional Energy Lateral Pipeline - MLV-515RA30 - Wyoming Valve Yard

b. Summary Table for Supporting Calculation and Measurement Data

(See NOI Instructions for additional guidance with this section)

The remainder of this section (Summary Table for Calculation and Measurement Data) does not need to be completed for areas of projects involving oil and gas activities authorized by Chapter 78 or Chapter 78a (well pads) or pipelines and other similar utility infrastructure which will be restored to meadow in good condition or better or existing conditions.

Watershed Name: Susquehanna-Solomon Creek

Volume Control design storm frequency 2-year Rainfall amount 2.57 inches	Pre-construction	Post Construction	Net Change
Impervious area (acres)	0.00	0.24	+0.24
Volume of stormwater runoff (acre-feet) without planned stormwater BMPs	0.03	0.06	+0.03
Volume of stormwater runoff (acre-feet) with planned stormwater BMPs	[redacted]	0.03	-0.00
Stormwater discharge rate for the design frequency storm	Pre-construction	Post Construction	Net Change
1) 2-Year/24-Hour	0.22	0.02	-0.20
2) 10-Year/24-Hour	0.68	0.03	-0.65
3) 50-year/24-Hour	1.52	0.06	-1.46
4) 100-year/24-Hour	2.06	0.07	-1.99

c. Summary Description of PCSM/SR BMPs

In the lists below, check the BMPs identified in the PCSM Plan. The primary function(s) of the BMP listed in the functions column (infiltration/recharge; detention/retention; water quality). Additional functions may be added if applicable to that BMP. List the stormwater volume and area of runoff to be treated by each BMP type when calculations are required. If any BMP in the PCSM/SR Plan is not listed below, describe it in the space provided after "Other". A summary table with infiltration testing information (Attachment E, included in the NOI Instructions) must be submitted for all Bio-infiltration BMPs included in PCSM/SR plan.

For Rate control provide the volume of stormwater treated and acres treated for the 100-year/24-hour storm event.

For volume control and water quality provide the volume of stormwater treated and acres treated for the 2-year/24-hour storm event.

Key for BMP purpose(s): VC = Volume Control; RC = Rate Control; and WQ = Water Quality

BMP	Function(s)	Purpose(s)	Volume of stormwater treated	Acres treated
Site Restoration ONLY				
☐ Restore Site to Meadow in Good Condition or Better, or Existing Conditions	Infiltration/Recharge Detention/WQ Treatment	☐ VC ☐ RC ☐ WQ	_____	_____
Bio-infiltration areas	Infiltration/Recharge			
☐ Infiltration Trench		☐ VC ☐ RC ☐ WQ	_____	_____
☒ Infiltration Bed		☒ VC ☒ RC ☒ WQ	451cf(2-yr); 2,511cf(100-yr)	0.21
☐ Infiltration Basin		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Rain Garden/ Bioretention		☐ VC ☐ RC ☐ WQ	_____	
☐ Infiltration Berm		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Soil Amendment		☐ VC ☐ RC ☐ WQ	_____	_____
Natural Area Conservation	Infiltration/Recharge			
☐ Streamside Buffer Zone		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Wetland Buffer Zone		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Sensitive Area Buffer Zone		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Pre-Construction Drainage Pattern Intact		☐ VC ☐ RC ☐ WQ	_____	_____
Stormwater Retention	Detention/Retention			
☐ Constructed Wetlands		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Wet Ponds		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Retention Basin		☐ VC ☐ RC ☐ WQ	_____	_____
Sediment and Pollutant Removal	Water Quality Treatment			
☐ Vegetated Filter Strips		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Compost Filter Sock		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Detention Basins		☐ VC ☐ RC ☐ WQ	_____	_____
Access Road Design	Infiltration/Recharge			
☐ Road Crowning		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Ditches		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Turnouts		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Culverts		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Roadside Vegetated Filter Strips		☐ VC ☐ RC ☐ WQ	_____	_____

Stormwater Energy Dissipaters ☐ Level Spreaders ☐ Riprap Aprons ☐ Upslope Diversions ☒ OtherVegetated Swale	Infiltration/Recharge	☐ VC ☐ RC ☐ WQ ☐ VC ☐ RC ☐ WQ ☐ VC ☐ RC ☐ WQ ☒ VC ☒ RC ☒ WQ	_____ _____ _____ 1,009cf(2-yr); 4,264cf(100-yr)	_____ _____ _____ 0.49

d. Critical PCSM Plan stages

Identify and list critical stages of implementation of the PCSM Plan for which a licensed professional or designee shall be present on site.

1. Upon commencement of construction activities to ascertain the Vegetated Swale area has been flagged and fence erected to prevent access to the area.
2. At the beginning of construction of the Vegetated Swale to ensure the infiltration area has not been compacted by construction activities.
3. During construction of the Vegetated Swale the licensed professional will observe that the BMP is constructed in accordance with the plans and specifications.
4. At completion of Collection Channel C1 to ensure it has been constructed to the proposed line and grade, the specified lining material has been installed in accordance with the requirements of the plans and specifications, and if applicable, vegetation has been established.
5. Following installation of the Valve Yard Pad subgrade to ensure stormwater flow is directed to the infiltration berm.
6. For final inspection of constructed BMPs.
7. At the establishment of hard surface stabilization or 70% vegetation covers to allow removal of E&S controls.

NOTICE OF INTENT (NOI) FOR COVERAGE UNDER THE EROSION AND SEDIMENT CONTROL GENERAL PERMIT (ESCGP-3) FOR EARTH DISTURBANCE ASSOCIATED WITH OIL AND GAS EXPLORATION, PRODUCTION, PROCESSING, OR TREATMENT OPERATIONS OR TRANSMISSION FACILITIES

TABLES IN ADDENDUM OF NOI

SECTION H. POST CONSTRUCTION STORMWATER MANAGEMENT (PLAN) BMPs

Regional Energy Lateral Pipeline - Carverton Tie-In

b. Summary Table for Supporting Calculation and Measurement Data

(See NOI Instructions for additional guidance with this section)

The remainder of this section (Summary Table for Calculation and Measurement Data) does not need to be completed for areas of projects involving oil and gas activities authorized by Chapter 78 or Chapter 78a (well pads) or pipelines and other similar utility infrastructure which will be restored to meadow in good condition or better or existing conditions.

Watershed Name: Abrahams Creek

Volume Control design storm frequency 2-year Rainfall amount 2.61 inches	Pre-construction	Post Construction	Net Change
Impervious area (acres)	0.03	0.11	+0.08
Volume of stormwater runoff (acre-feet) without planned stormwater BMPs	0.02	0.03	+0.01
Volume of stormwater runoff (acre-feet) with planned stormwater BMPs	[redacted]	0.00	-0.02
Stormwater discharge rate for the design frequency storm	Pre-construction	Post Construction	Net Change
1) 2-Year/24-Hour	0.46	0.00	-0.46
2) 10-Year/24-Hour	0.91	0.00	-0.91
3) 50-year/24-Hour	1.61	0.00	-1.61
4) 100-year/24-Hour	2.01	0.00	-2.01

c. Summary Description of PCSM/SR BMPs

In the lists below, check the BMPs identified in the PCSM Plan. The primary function(s) of the BMP listed in the functions column (infiltration/recharge; detention/retention; water quality). Additional functions may be added if applicable to that BMP. List the stormwater volume and area of runoff to be treated by each BMP type when calculations are required. If any BMP in the PCSM/SR Plan is not listed below, describe it in the space provided after "Other". A summary table with infiltration testing information (Attachment E, included in the NOI Instructions) must be submitted for all Bio-infiltration BMPs included in PCSM/SR plan.

For Rate control provide the volume of stormwater treated and acres treated for the 100-year/24-hour storm event.

For volume control and water quality provide the volume of stormwater treated and acres treated for the 2-year/24-hour storm event.

Key for BMP purpose(s): VC = Volume Control; RC = Rate Control; and WQ = Water Quality

BMP	Function(s)	Purpose(s)	Volume of stormwater treated	Acres treated
Site Restoration ONLY				
☐ Restore Site to Meadow in Good Condition or Better, or Existing Conditions	Infiltration/Recharge Detention/WQ Treatment	☐ VC ☐ RC ☐ WQ	_____	_____
Bio-infiltration areas	Infiltration/Recharge			
☐ Infiltration Trench		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Infiltration Bed		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Infiltration Basin		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Rain Garden/ Bioretention		☐ VC ☐ RC ☐ WQ	_____	
☒ Infiltration Berm		☒ VC ☒ RC ☒ WQ	1,280cf (2-yr); 4,445cf(100-yr)	0.26
Natural Area Conservation	Infiltration/Recharge			
☐ Streamside Buffer Zone		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Wetland Buffer Zone		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Sensitive Area Buffer Zone		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Pre-Construction Drainage Pattern Intact		☐ VC ☐ RC ☐ WQ	_____	_____
Stormwater Retention	Detention/Retention			
☐ Constructed Wetlands		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Wet Ponds		☒ VC ☒ RC ☒ WQ	_____	_____
☐ Retention Basin		☐ VC ☐ RC ☐ WQ	_____	_____
Sediment and Pollutant Removal	Water Quality Treatment			
☐ Vegetated Filter Strips		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Compost Filter Sock		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Detention Basins		☐ VC ☐ RC ☐ WQ	_____	_____
Access Road Design	Infiltration/Recharge			
☐ Road Crowning		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Ditches		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Turnouts		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Culverts		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Roadside Vegetated Filter Strips		☐ VC ☐ RC ☐ WQ	_____	_____

Stormwater Energy Dissipaters	Infiltration/Recharge			
☐ Level Spreaders		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Riprap Aprons		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Upslope Diversions		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Other_____		☐ VC ☐ RC ☐ WQ	_____	_____

d. Critical PCSM Plan stages

Identify and list critical stages of implementation of the PCSM Plan for which a licensed professional or designee shall be present on site.

1. At the beginning of construction to ascertain the Infiltration Berm area has been flagged and fence erected to prevent access to the area.
2. Following installation of the Valve Yard Pad subgrade to ensure stormwater flow is directed to the infiltration berm.
3. At the beginning of construction of the Infiltration Berm to ensure the infiltration area has not been compacted by construction activities.
4. During construction of the infiltration berm the licensed professional will observe that the berm is constructed in accordance with the plans and specifications.
5. For final inspection of constructed BMPs.
6. At the establishment of hard surface stabilization or 70% vegetation covers to allow removal of E&S controls.

NOTICE OF INTENT (NOI) FOR COVERAGE UNDER THE EROSION AND SEDIMENT CONTROL GENERAL PERMIT (ESCGP-3) FOR EARTH DISTURBANCE ASSOCIATED WITH OIL AND GAS EXPLORATION, PRODUCTION, PROCESSING, OR TREATMENT OPERATIONS OR TRANSMISSION FACILITIES

TABLES IN ADDENDUM OF NOI

SECTION H. POST CONSTRUCTION STORMWATER MANAGEMENT (PLAN) BMPs

Regional Energy Lateral Pipeline - Lower Demunds REL Tie-In

b. Summary Table for Supporting Calculation and Measurement Data

(See NOI Instructions for additional guidance with this section)

The remainder of this section (Summary Table for Calculation and Measurement Data) does not need to be completed for areas of projects involving oil and gas activities authorized by Chapter 78 or Chapter 78a (well pads) or pipelines and other similar utility infrastructure which will be restored to meadow in good condition or better or existing conditions.

Watershed Name: Toby Creek

Volume Control design storm frequency 2-year Rainfall amount 3.40 inches	Pre-construction	Post Construction	Net Change
Impervious area (acres)	0.00	0.12	+0.12
Volume of stormwater runoff (acre-feet) without planned stormwater BMPs	0.02	0.04	+0.02
Volume of stormwater runoff (acre-feet) with planned stormwater BMPs		0.01	-0.01
Stormwater discharge rate for the design frequency storm	Pre-construction	Post Construction	Net Change
1) 2-Year/24-Hour	0.20	0.00	-0.20
2) 10-Year/24-Hour	0.40	0.00	-0.40
3) 50-year/24-Hour	0.71	0.20	-0.51
4) 100-year/24-Hour	0.89	0.51	-0.38

c. Summary Description of PCSM/SR BMPs

In the lists below, check the BMPs identified in the PCSM Plan. The primary function(s) of the BMP listed in the functions column (infiltration/recharge; detention/retention; water quality). Additional functions may be added if applicable to that BMP. List the stormwater volume and area of runoff to be treated by each BMP type when calculations are required. If any BMP in the PCSM/SR Plan is not listed below, describe it in the space provided after "Other". A summary table with infiltration testing information (Attachment E, included in the NOI Instructions) must be submitted for all Bio-infiltration BMPs included in PCSM/SR plan.

For Rate control provide the volume of stormwater treated and acres treated for the 100-year/24-hour storm event.

For volume control and water quality provide the volume of stormwater treated and acres treated for the 2-year/24-hour storm event.

Key for BMP purpose(s): VC = Volume Control; RC = Rate Control; and WQ = Water Quality

BMP	Function(s)	Purpose(s)	Volume of stormwater treated	Acres treated
Site Restoration ONLY				
☐ Restore Site to Meadow in Good Condition or Better, or Existing Conditions	Infiltration/Recharge Detention/WQ Treatment	☐ VC ☐ RC ☐ WQ	_____	_____
Bio-infiltration areas	Infiltration/Recharge			
☐ Infiltration Trench		☐ VC ☐ RC ☐ WQ	_____	_____
☒ Infiltration Bed		☒ VC ☒ RC ☒ WQ	1,481cf(2-yr); 4,356cf(100-yr)	0.17
☐ Infiltration Basin		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Rain Garden/ Bioretention		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Infiltration Berm		☐ VC ☐ RC ☐ WQ	_____	_____
Natural Area Conservation	Infiltration/Recharge			
☐ Streamside Buffer Zone		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Wetland Buffer Zone		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Sensitive Area Buffer Zone		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Pre-Construction Drainage Pattern Intact		☐ VC ☐ RC ☐ WQ	_____	_____
Stormwater Retention	Detention/Retention			
☐ Constructed Wetlands		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Wet Ponds		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Retention Basin		☐ VC ☐ RC ☐ WQ	_____	_____
Sediment and Pollutant Removal	Water Quality Treatment			
☐ Vegetated Filter Strips		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Compost Filter Sock		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Detention Basins		☐ VC ☐ RC ☐ WQ	_____	_____
Access Road Design	Infiltration/Recharge			
☐ Road Crowning		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Ditches		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Turnouts		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Culverts		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Roadside Vegetated Filter Strips		☐ VC ☐ RC ☐ WQ	_____	_____

Stormwater Energy Dissipaters ☐ Level Spreaders ☐ Riprap Aprons ☐ Upslope Diversions ☐ Other_____	Infiltration/Recharge	 ☐ VC ☐ RC ☐ WQ ☐ VC ☐ RC ☐ WQ ☐ VC ☐ RC ☐ WQ ☐ VC ☐ RC ☐ WQ	 _____ _____ _____ _____	 _____ _____ _____ _____

d. Critical PCSM Plan stages

Identify and list critical stages of implementation of the PCSM Plan for which a licensed professional or designee shall be present on site.

1. Upon commencement of construction activities to ascertain the Valve Yard Pad area has been flagged and fence erected to prevent access to the area.
2. At completion of Diversion Berm/Channel to ensure it has been constructed to the proposed lines and grades, the specified lining materials have been installed in accordance with the requirements of the plans and specifications, and if applicable, vegetation has been established.
3. At the beginning of construction of the Valve Yard Pad to ensure the infiltration area has not been compacted by construction activities.
4. During construction of the Valve Yard Pad the licensed professional will observe that the BMP is constructed in accordance with the plans and specifications.
5. Following installation of the Valve Yard Pad subgrade to ensure stormwater flow is directed to the outlet structure.
6. For final inspection of constructed BMPs.
7. At the establishment of hard surface stabilization or 70% vegetation covers to allow removal of E&S controls.

NOTICE OF INTENT (NOI) FOR COVERAGE UNDER THE EROSION AND SEDIMENT CONTROL GENERAL PERMIT (ESCGP-3) FOR EARTH DISTURBANCE ASSOCIATED WITH OIL AND GAS EXPLORATION, PRODUCTION, PROCESSING, OR TREATMENT OPERATIONS OR TRANSMISSION FACILITIES

TABLES IN ADDENDUM OF NOI

SECTION H. POST CONSTRUCTION STORMWATER MANAGEMENT (PLAN) BMPs

Regional Energy Lateral Pipeline – MLV-515RA40-Hildebrandt Tie-In

b. Summary Table for Supporting Calculation and Measurement Data

(See NOI Instructions for additional guidance with this section)

The remainder of this section (Summary Table for Calculation and Measurement Data) does not need to be completed for areas of projects involving oil and gas activities authorized by Chapter 78 or Chapter 78a (well pads) or pipelines and other similar utility infrastructure which will be restored to meadow in good condition or better or existing conditions.

Watershed Name: Toby Creek

Volume Control design storm frequency 2-year Rainfall amount 3.40 inches	Pre-construction	Post Construction	Net Change
Impervious area (acres)	0.0	0.22	+0.22
Volume of stormwater runoff (acre-feet) without planned stormwater BMPs	0.03	0.07	+0.04
Volume of stormwater runoff (acre-feet) with planned stormwater BMPs	[redacted]	0.01	-0.02
Stormwater discharge rate for the design frequency storm	Pre-construction	Post Construction	Net Change
1) 2-Year/24-Hour	0.34	0.20	-0.14
2) 10-Year/24-Hour	0.67	0.38	-0.29
3) 50-year/24-Hour	1.20	0.65	-0.55
4) 100-year/24-Hour	1.52	0.80	-0.72

c. Summary Description of PCSM/SR BMPs

In the lists below, check the BMPs identified in the PCSM Plan. The primary function(s) of the BMP listed in the functions column (infiltration/recharge; detention/retention; water quality). Additional functions may be added if applicable to that BMP. List the stormwater volume and area of runoff to be treated by each BMP type when calculations are required. If any BMP in the PCSM/SR Plan is not listed below, describe it in the space provided after "Other". A summary table with infiltration testing information (Attachment E, included in the NOI Instructions) must be submitted for all Bio-infiltration BMPs included in PCSM/SR plan.

For Rate control provide the volume of stormwater treated and acres treated for the 100-year/24-hour storm event.

For volume control and water quality provide the volume of stormwater treated and acres treated for the 2-year/24-hour storm event.

Key for BMP purpose(s): VC = Volume Control; RC = Rate Control; and WQ = Water Quality

BMP	Function(s)	Purpose(s)	Volume of stormwater treated	Acres treated
Site Restoration ONLY				
☐ Restore Site to Meadow in Good Condition or Better, or Existing Conditions	Infiltration/Recharge Detention/WQ Treatment	☐ VC ☐ RC ☐ WQ	_____	_____
Bio-infiltration areas	Infiltration/Recharge			
☐ Infiltration Trench		☐ VC ☐ RC ☐ WQ	_____	_____
☒ Infiltration Bed		☒ VC ☒ RC ☒ WQ	2,265cf(2-yr); 5,881cf(100-yr)	0.21
☐ Infiltration Basin		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Rain Garden/ Bioretention		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Infiltration Berm				
☐ Vegetated Swale		☐ VC ☐ RC ☐ WQ	_____	_____
Natural Area Conservation	Infiltration/Recharge			
☐ Streamside Buffer Zone		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Wetland Buffer Zone		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Sensitive Area Buffer Zone		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Pre-Construction Drainage Pattern Intact		☐ VC ☐ RC ☐ WQ	_____	_____
Stormwater Retention	Detention/Retention			
☐ Constructed Wetlands		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Wet Ponds		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Retention Basin		☐ VC ☐ RC ☐ WQ	_____	_____
Sediment and Pollutant Removal	Water Quality Treatment			
☐ Vegetated Filter Strips		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Compost Filter Sock		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Detention Basins		☐ VC ☐ RC ☐ WQ	_____	_____
Access Road Design	Infiltration/Recharge			
☐ Road Crowning		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Ditches		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Turnouts		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Culverts		☐ VC ☐ RC ☐ WQ	_____	_____

☐ Roadside Vegetated Filter Strips		☐ VC ☐ RC ☐ WQ	_____	_____
Stormwater Energy Dissipaters	Infiltration/Recharge			
☐ Level Spreaders		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Riprap Aprons		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Upslope Diversions		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Other_____		☐ VC ☐ RC ☐ WQ	_____	_____

d. Critical PCSM Plan stages

Identify and list critical stages of implementation of the PCSM Plan for which a licensed professional or designee shall be present on site.

1. Upon commencement of construction activities to ascertain the Valve Yard Pad area has been flagged and fence erected to prevent access to the area.
2. At completion of Diversion Channel to ensure it has been constructed to the proposed lines and grades, the specified lining materials have been installed in accordance with the requirements of the plans and specifications, and if applicable, vegetation has been established.
3. At the beginning of construction of the Valve Yard Pad to ensure the infiltration area has not been compacted by construction activities.
4. During construction of the Valve Yard Pad the licensed professional will observe that the BMP is constructed in accordance with the plans and specifications.
5. Following installation of the Valve Yard Pad subgrade to ensure stormwater flow is directed to the outlet structure.
6. For final inspection of constructed BMPs.
7. At the establishment of hard surface stabilization or 70% vegetation covers to allow removal of E&S controls.

NOTICE OF INTENT (NOI) FOR COVERAGE UNDER THE EROSION AND SEDIMENT CONTROL GENERAL PERMIT (ESCGP-3) FOR EARTH DISTURBANCE ASSOCIATED WITH OIL AND GAS EXPLORATION, PRODUCTION, PROCESSING, OR TREATMENT OPERATIONS OR TRANSMISSION FACILITIES

TABLES IN ADDENDUM OF NOI

SECTION H. POST CONSTRUCTION STORMWATER MANAGEMENT (PLAN) BMPs

Effort Loop Pipeline-MLV-505LD86 Sugar Hollow Valve Yard

b. Summary Table for Supporting Calculation and Measurement Data

(See NOI Instructions for additional guidance with this section)

The remainder of this section (Summary Table for Calculation and Measurement Data) does not need to be completed for areas of projects involving oil and gas activities authorized by Chapter 78 or Chapter 78a (well pads) or pipelines and other similar utility infrastructure which will be restored to meadow in good condition or better or existing conditions.

Watershed Name: Pohopoco Creek

Volume Control design storm frequency 2-year Rainfall amount 3.26 inches	Pre-construction	Post Construction	Net Change
Impervious area (acres)	0.09	0.62	+0.53
Volume of stormwater runoff (acre-feet) without planned stormwater BMPs	0.35	0.44	+0.09
Volume of stormwater runoff (acre-feet) with planned stormwater BMPs	[redacted]	0.28	-0.07
Stormwater discharge rate for the design frequency storm DA-1	Pre-construction	Post Construction	Net Change
1) 2-Year/24-Hour	0.01	0.01	-0.00
2) 10-Year/24-Hour	0.37	0.31	-0.06
3) 50-year/24-Hour	5.89	4.21	-1.68
4) 100-year/24-Hour	11.47	8.28	-3.19
Stormwater discharge rate for the design frequency storm DA-2	Pre-construction	Post Construction	Net Change
1) 2-Year/24-Hour	4.51	3.97	-0.54
2) 10-Year/24-Hour	12.49	12.28	-0.21
3) 50-year/24-Hour	26.58	24.35	-2.23
4) 100-year/24-Hour	35.41	31.74	-3.67

c. Summary Description of PCSM/SR BMPs

In the lists below, check the BMPs identified in the PCSM Plan. The primary function(s) of the BMP listed in the functions column (infiltration/recharge; detention/retention; water quality). Additional functions may be added if applicable to that BMP. List the stormwater volume and area of runoff to be treated by each BMP type when calculations are required. If any BMP in the PCSM/SR Plan is not listed below, describe it in the space provided after "Other". A summary table with infiltration testing information (Attachment E, included in the NOI Instructions) must be submitted for all Bio-infiltration BMPs included in PCSM/SR plan.

For Rate control provide the volume of stormwater treated and acres treated for the 100-year/24-hour storm event.

For volume control and water quality provide the volume of stormwater treated and acres treated for the 2-year/24-hour storm event.

Key for BMP purpose(s): VC = Volume Control; RC = Rate Control; and WQ = Water Quality

BMP	Function(s)	Purpose(s)	Volume of stormwater treated	Acres treated
Site Restoration ONLY				
☐ Restore Site to Meadow in Good Condition or Better, or Existing Conditions	Infiltration/Recharge Detention/WQ Treatment	☐ VC ☐ RC ☐ WQ	_____	_____
Bio-infiltration areas	Infiltration/Recharge			
☐ Infiltration Trench		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Infiltration Bed		☐ VC ☐ RC ☐ WQ	_____	_____
☒ Infiltration Basin		☒ VC ☒ RC ☒ WQ	1,123cf(2-yr); 21,318cf(100-yr)	2.85
☐ Rain Garden/ Bioretention		☐ VC ☐ RC ☐ WQ	_____	_____
☒ Infiltration Berm		☒ VC ☒ RC ☒ WQ	5,915cf(2-yr); 26,924cf(100-yr)	1.54
Natural Area Conservation	Infiltration/Recharge			
☐ Streamside Buffer Zone		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Wetland Buffer Zone		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Sensitive Area Buffer Zone		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Pre-Construction Drainage Pattern Intact		☐ VC ☐ RC ☐ WQ	_____	_____
Stormwater Retention	Detention/Retention			
☐ Constructed Wetlands		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Wet Ponds		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Retention Basin		☐ VC ☐ RC ☐ WQ	_____	_____
Sediment and Pollutant Removal	Water Quality Treatment			
☐ Vegetated Filter Strips		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Compost Filter Sock		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Detention Basins		☐ VC ☐ RC ☐ WQ	_____	_____
Access Road Design	Infiltration/Recharge			
☐ Road Crowning		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Ditches		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Turnouts		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Culverts		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Roadside Vegetated Filter Strips		☐ VC ☐ RC ☐ WQ	_____	_____

Stormwater Energy Dissipaters	Infiltration/Recharge			
☐ Level Spreaders		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Riprap Aprons		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Upslope Diversions		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Other_____		☐ VC ☐ RC ☐ WQ	_____	_____

d. Critical PCSM Plan stages

Identify and list critical stages of implementation of the PCSM Plan for which a licensed professional or designee shall be present on site.

1. For the final grading of the access road, ensuring it is constructed according to the plan details for proper conveyance of runoff.
2. Following final grading and seeding of the diversion channels and basin, in order to confirm they have been constructed according to the plan details for proper collection and conveyance of runoff. Periodic assessments will need to be made to ensure accumulated sediment have been cleaned out so the channels and basin maintain the necessary design volumes.
3. During the layout and excavation of the outlet control structure, the professional or delegate will ensure sizing, materials specifications, and construction procedures are followed to enable proper storage in the basin.
4. Following final grading and seeding of the infiltration berm in order to confirm they have been constructed according to the plan details for proper collection, infiltration, and conveyance of runoff. Periodic assessment will need to be made to ensure that accumulated sediment have been cleaned out so the area behind the berm maintains the necessary design volume.
5. For final inspection of constructed channels, basin and berms.
6. At the establishment of hard surface stabilization or 70% vegetation covers to allow removal of E&S controls.

NOTICE OF INTENT (NOI) FOR COVERAGE UNDER THE EROSION AND SEDIMENT CONTROL GENERAL PERMIT (ESCGP-3) FOR EARTH DISTURBANCE ASSOCIATED WITH OIL AND GAS EXPLORATION, PRODUCTION, PROCESSING, OR TREATMENT OPERATIONS OR TRANSMISSION FACILITIES

TABLES IN ADDENDUM OF NOI

SECTION H. POST CONSTRUCTION STORMWATER MANAGEMENT (PLAN) BMPs

Compressor Station 200

b. Summary Table for Supporting Calculation and Measurement Data

(See NOI Instructions for additional guidance with this section)

The remainder of this section (Summary Table for Calculation and Measurement Data) does not need to be completed for areas of projects involving oil and gas activities authorized by Chapter 78 or Chapter 78a (well pads) or pipelines and other similar utility infrastructure which will be restored to meadow in good condition or better or existing conditions.

Watershed Name: Valley Creek

Volume Control design storm frequency 2-year Rainfall amount 3.30 inches	Pre-construction	Post Construction	Net Change
Impervious area (acres)	0.25	0.40	+0.15
Volume of stormwater runoff (acre-feet) without planned stormwater BMPs	0.07	0.11	+0.04
Volume of stormwater runoff (acre-feet) with planned stormwater BMPs	[redacted]	0.07	-0.00
Stormwater discharge rate for the design frequency storm	Pre-construction	Post Construction	Net Change
1) 2-Year/24-Hour	1.03	0.15	-0.88
2) 10-Year/24-Hour	2.06	1.39	-0.67
3) 50-year/24-Hour	3.19	2.79	-0.40
4) 100-year/24-Hour	3.97	3.50	-0.47

c. Summary Description of PCSM/SR BMPs

In the lists below, check the BMPs identified in the PCSM Plan. The primary function(s) of the BMP listed in the functions column (infiltration/recharge; detention/retention; water quality). Additional functions may be added if applicable to that BMP. List the stormwater volume and area of runoff to be treated by each BMP type when calculations are required. If any BMP in the PCSM/SR Plan is not listed below, describe it in the space provided after "Other". A summary table with infiltration testing information (Attachment E, included in the NOI Instructions) must be submitted for all Bio-infiltration BMPs included in PCSM/SR plan.

For Rate control provide the volume of stormwater treated and acres treated for the 100-year/24-hour storm event.

For volume control and water quality provide the volume of stormwater treated and acres treated for the 2-year/24-hour storm event.

Key for BMP purpose(s): VC = Volume Control; RC = Rate Control; and WQ = Water Quality

BMP	Function(s)	Purpose(s)	Volume of stormwater treated	Acres treated
Site Restoration ONLY				
☐ Restore Site to Meadow in Good Condition or Better, or Existing Conditions	Infiltration/Recharge Detention/WQ Treatment	☐ VC ☐ RC ☐ WQ	_____	_____
Bio-infiltration areas	Infiltration/Recharge			
☐ Infiltration Trench		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Infiltration Bed		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Infiltration Basin		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Rain Garden/ Bioretention		☐ VC ☐ RC ☐ WQ	_____	_____
☒ Infiltration Berm		☒ VC ☒ RC ☒ WQ	3,790cf(2-yr); 11,631cf(100-yr)	0.56
Natural Area Conservation	Infiltration/Recharge			
☐ Streamside Buffer Zone		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Wetland Buffer Zone		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Sensitive Area Buffer Zone		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Pre-Construction Drainage Pattern Intact		☐ VC ☐ RC ☐ WQ	_____	_____
Stormwater Retention	Detention/Retention			
☐ Constructed Wetlands		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Wet Ponds		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Retention Basin		☐ VC ☐ RC ☐ WQ	_____	_____
Sediment and Pollutant Removal	Water Quality Treatment			
☐ Vegetated Filter Strips		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Compost Filter Sock		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Detention Basins		☐ VC ☐ RC ☐ WQ	_____	_____
Access Road Design	Infiltration/Recharge			
☐ Road Crowning		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Ditches		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Turnouts		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Culverts		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Roadside Vegetated Filter Strips		☐ VC ☐ RC ☐ WQ	_____	_____

Stormwater Energy Dissipaters ☐ Level Spreaders ☐ Riprap Aprons ☐ Upslope Diversions ☐ Other_____	Infiltration/Recharge	 ☐ VC ☐ RC ☐ WQ ☐ VC ☐ RC ☐ WQ ☐ VC ☐ RC ☐ WQ ☐ VC ☐ RC ☐ WQ	 _____ _____ _____ _____	 _____ _____ _____ _____

d. Critical PCSM Plan stages

Identify and list critical stages of implementation of the PCSM Plan for which a licensed professional or designee shall be present on site.

1. Following final grading and seeding of the infiltration berm in order to confirm it has been constructed according to the plan details for proper collection, infiltration, and conveyance of runoff. Periodic assessments will need to be made to ensure that accumulated sediment should be cleaned out so the channels and berm maintain necessary design volume.
2. For final inspection of constructed BMPs.
3. At the establishment of hard surface stabilization or 70% vegetation covers to allow removal of E & S controls.

NOTICE OF INTENT (NOI) FOR COVERAGE UNDER THE EROSION AND SEDIMENT CONTROL GENERAL PERMIT (ESCGP-3) FOR EARTH DISTURBANCE ASSOCIATED WITH OIL AND GAS EXPLORATION, PRODUCTION, PROCESSING, OR TREATMENT OPERATIONS OR TRANSMISSION FACILITIES

TABLES IN ADDENDUM OF NOI

SECTION H. POST CONSTRUCTION STORMWATER MANAGEMENT (PLAN) BMPs

Compressor Station 515

b. Summary Table for Supporting Calculation and Measurement Data

(See NOI Instructions for additional guidance with this section)

The remainder of this section (Summary Table for Calculation and Measurement Data) does not need to be completed for areas of projects involving oil and gas activities authorized by Chapter 78 or Chapter 78a (well pads) or pipelines and other similar utility infrastructure which will be restored to meadow in good condition or better or existing conditions.

Watershed Name: Bear Creek

Volume Control design storm frequency 2-year Rainfall amount 3.40 inches	Pre-construction	Post Construction	Net Change
Impervious area (acres)	0.34	2.44	+2.10
Volume of stormwater runoff (acre-feet) without planned stormwater BMPs	0.50	0.81	+0.31
Volume of stormwater runoff (acre-feet) with planned stormwater BMPs	[redacted]	0.18	-0.32
Stormwater discharge rate for the design frequency storm	Pre-construction	Post Construction	Net Change
1) 2-Year/24-Hour	5.46	1.76	-3.70
2) 10-Year/24-Hour	10.19	8.30	-1.89
3) 50-year/24-Hour	16.85	9.55	-7.30
4) 100-year/24-Hour	20.81	9.58	-11.23

c. Summary Description of PCSM/SR BMPs

In the lists below, check the BMPs identified in the PCSM Plan. The primary function(s) of the BMP listed in the functions column (infiltration/recharge; detention/retention; water quality). Additional functions may be added if applicable to that BMP. List the stormwater volume and area of runoff to be treated by each BMP type when calculations are required. If any BMP in the PCSM/SR Plan is not listed below, describe it in the space provided after "Other". A summary table with infiltration testing information (Attachment E, included in the NOI Instructions) must be submitted for all Bio-infiltration BMPs included in PCSM/SR plan.

For Rate control provide the volume of stormwater treated and acres treated for the 100-year/24-hour storm event.

For volume control and water quality provide the volume of stormwater treated and acres treated for the 2-year/24-hour storm event.

Key for BMP purpose(s): VC = Volume Control; RC = Rate Control; and WQ = Water Quality

BMP	Function(s)	Purpose(s)	Volume of stormwater treated	Acres treated
Site Restoration ONLY				
☐ Restore Site to Meadow in Good Condition or Better, or Existing Conditions	Infiltration/Recharge Detention/WQ Treatment	☐ VC ☐ RC ☐ WQ	_____	_____
Bio-infiltration areas	Infiltration/Recharge			
☐ Infiltration Trench		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Infiltration Bed		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Infiltration Basin		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Rain Garden/ Bioretention		☐ VC ☐ RC ☐ WQ	_____	_____
☒ Infiltration Berm		☒ VC ☒ RC ☒ WQ	31,799cf(2-yr); 96,268cf(100-yr)	3.83
Natural Area Conservation	Infiltration/Recharge			
☐ Streamside Buffer Zone		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Wetland Buffer Zone		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Sensitive Area Buffer Zone		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Pre-Construction Drainage Pattern Intact		☐ VC ☐ RC ☐ WQ	_____	_____
Stormwater Retention	Detention/Retention			
☐ Constructed Wetlands		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Wet Ponds		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Retention Basin		☐ VC ☐ RC ☐ WQ	_____	_____
Sediment and Pollutant Removal	Water Quality Treatment			
☐ Vegetated Filter Strips		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Compost Filter Sock		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Detention Basins		☐ VC ☐ RC ☐ WQ	_____	_____
Access Road Design	Infiltration/Recharge			
☐ Road Crowning		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Ditches		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Turnouts		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Culverts		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Roadside Vegetated Filter Strips		☐ VC ☐ RC ☐ WQ	_____	_____

Stormwater Energy Dissipaters	Infiltration/Recharge			
☐ Level Spreaders		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Riprap Aprons		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Upslope Diversions		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Other_____		☐ VC ☐ RC ☐ WQ	_____	_____

d. Critical PCSM Plan stages

Identify and list critical stages of implementation of the PCSM Plan for which a licensed professional or designee shall be present on site.

1. Following final grading and seeding of the collection channels and infiltration berm in order to confirm they have been constructed according to the plan details for proper collection, infiltration, and conveyance of runoff. Periodic assessments will need to be made to ensure that accumulated sediment should be cleaned out so the channels and berm maintain necessary design volume.
2. For final inspection of constructed BMPs.
3. At the establishment of hard surface stabilization or 70% vegetation covers to allow removal of E & S controls.

SECTION I. ANTIDEGRADATION ANALYSIS

This section must be completed where earth disturbance activities will be conducted in the watershed of a surface water with an existing or designated use of exceptional value or high quality pursuant to Chapter 93 (relating to water quality standards), projects where any part is located in an exceptional value wetland in accordance with 25 Pa. Code § 105.17, and projects where any part is located in the watershed of an impaired surface water where the cause of impairment is identified as siltation.

Part 1 - NONDISCHARGE ALTERNATIVES EVALUATION

The applicant must consider and describe any and all non-discharge alternatives for the entire project area which are environmentally sound and will**:**

- Minimize accelerated erosion and sedimentation during the earth disturbance activity
- Achieve no net change from pre-development to post-development volume, rate and concentration of pollutants in water quality

E & S Plan	PCSM/SR Plan
Check off the environmentally sound nondischarge Best Management Practices (BMPs) listed below to be used prior to, during, and after earth disturbance activities that have been incorporated into your E & S Plan based on the site analysis. For non-discharge BMPs not checked, provide an explanation of why they were not utilized. Also for BMPs checked, provide an explanation of why they were utilized. (Provide the analysis and attach additional sheets if necessary) See Section 2 of this ESCGP-3 Application	Check off the environmentally sound nondischarge Best Management Practices (BMPs) listed below to be used after construction that have been incorporated into the PCSM/SR Plan based on your site analysis. For non-discharge BMPs not checked, provide an explanation of why they were not utilized. Also for BMPs checked, provide an explanation of why they were utilized. (Provide the analysis and attach additional sheets if necessary) See Section 3 of this ESCGP-3 Application
Nondischarge BMPs ☐ Alternative Siting ☐ Alternative location ☐ Alternative configuration ☐ Alternative location of discharge ☒ Limited Disturbed Area ☐ Limiting Extent & Duration of Disturbance (Phasing, Sequencing) ☐ Riparian Buffers (150 ft. min.) ☐ Riparian Forest Buffer (150 ft. min.) ☐ Other _____	**Nondischarge BMPs** ☐ Alternative Siting ☐ Alternative location ☐ Alternative configuration ☐ Alternative location of discharge ☐ Low Impact Development (LID / BSD) ☐ Riparian Buffers (150 ft. min.) ☐ Riparian Forest Buffer (150 ft. min.) ☒ Infiltration ☐ Water Reuse ☐ Other _____
Will the non-discharge alternative BMPs eliminate the net change in rate, volume and quality during construction? ☐ Yes ☒ No If yes, antidegradation analysis is complete. If no, proceed to Part 2.	Will the non-discharge alternative BMPs eliminate the net change in rate, volume and quality after construction? ☐ Yes ☒ No If yes, antidegradation analysis is complete. If no, proceed to Part 2.

PART 2 - ANTIDEGRADATION BEST AVAILABLE COMBINATION OF TECHNOLOGIES (ABACT)

If the net change in stormwater discharge from or after construction is not fully managed by nondischarge BMPs, the applicant must utilize ABACT BMPs to manage the difference. The Applicant must specify whether the discharge will occur during construction, post-construction or both, and identify the technologies that will be used to ensure that the discharge will be a non-degrading discharge. ABACT BMPs include but are not limited to:

E & S Plan	PCSM/SR Plan
☒ **Treatment BMPs:** ☐ Sediment basin with skimmer ☐ Sediment basin ratio of 4:1 or greater (flow length to basin width) ☐ Sediment basin with 4-7 day detention ☐ Flocculants ☒ Compost Filter Socks ☒ Compost Filter Sock Sediment Basin ☒ RCE w/ Wash Rack ☒ **Land disposal:** ☐ Vegetated filters ☐ Riparian buffers <150ft. ☐ Riparian Forest Buffer <150ft. ☒ Immediate stabilization ☒ **Pollution prevention:** ☒ PPC Plans ☒ Street sweeping ☒ Channels, collectors and diversions lined with permanent vegetation, rock, geotextile or other non-erosive materials ☐ **Stormwater reuse technologies:** ☐ Sediment basin water for dust control ☐ Sediment basin water for irrigation ☐ **Other** _____	☒ **Treatment BMPs:** ☒ Infiltration Practices ☐ Wet ponds ☐ Created wetland treatment systems ☒ Vegetated swales ☐ Manufactured devices ☒ Bio-retention/infiltration ☐ Green Roofs ☐ **Land disposal:** ☐ Vegetated filters ☐ Riparian Buffers <150ft. ☐ Riparian Forest Buffer <150ft. ☐ Disconnection of roof drainage ☐ Bio-retention/bio-infiltration ☒ **Pollution prevention:** ☐ Street sweeping ☐ Nutrient, pesticide, herbicide or other chemical application plan alternatives ☒ PPC Plans ☒ Non-structural Practices ☒ Restoration BMPs ☐ **Stormwater reuse technologies:** ☐ Divert rainwater into impoundment ☐ Underground storage ☐ Spray/Drip Irrigation ☐ **Other** _____
Are the ABACT BMPs selected sufficient to minimize E&S discharges to the extent that existing or designated surface water uses are protected? ☒ Yes ☐ No If yes, Antidegradation analysis is complete. If no, NOI Application will be returned to the Applicant.	Are the ABACT BMPs selected sufficient to achieve no net change and assure that existing or designated surface water uses are protected? ☒ Yes ☐ No If yes, Antidegradation analysis is complete. If no, NOI Application will be returned to the Applicant.

SECTION J. COMPLIANCE HISTORY REVIEW

Is/was the applicant(s) in violation of any Department regulation, order, schedule of compliance or permit or in violation of any department regulated activities within the past five years?

☒ Yes ☐ No

If yes, provide the permit number or facility name, a brief description of the violation, the compliance schedule (including dates and steps to achieve compliance) and the current compliance status. (Attach additional information on a separate sheet, when necessary)

Permit Program or Activity: Chapter 102, Chapter 105, PAG-10
Permit Number (if applicable):

1. **ESG03000150001, ESG00350150001, ESG00081150001**
2. **E41-649**
3. **E-19-311, E36-947, E-38-195, E40-769,E49-336, E54-360, E58-315, E66-160, E41-667, E18-495,**
4. **PAG109632**

Brief Description of non-compliance:

Consent Assessment of Civil Penalty, Reports past due.

Steps taken to achieve compliance	Date(s) compliance achieved
1. Consent Assessment of Civil Penalty 2. Consent Assessment of Civil Penalty. Permits being obtained to complete channel restoration 3. Consent Assessment of Civil Penalty 4. All past due reports were provided to PADEP	1. 9/20/2020 2. 8/9/2020 3. 9/20/2020 4. 12/14/2017

Current Compliance Status: ☒ In-Compliance ☐ In Non-Compliance

If in non-compliance, attach schedule for achieving compliance.

SECTION K. CERTIFICATION BY PERSON PREPARING E&S AND PCSM/SR PLANS

I do hereby certify to the best of my knowledge, information, and belief, that the Erosion and Sediment Control and PCSM/Site Restoration Plans are true and correct, represent actual field conditions, and are in accordance with the 25 Pa. Code Chapters 78/78a and 102 of the Department's rules and regulations. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment.

Print Name Kevin C. Clark	Signature	Professional Seal
Company BAI Group, LLC		
Address 2525 Green Tech Drive, Suite D, State College, PA-16803		
Phone (814) 238-2060		
Most Recent DEP Training Attended _____	Location _____ Date _____	
e-Mail Address kclark@baigroupllc.com		

EXPEDITED REVIEW PROCESS

In addition to the certification required above, applicants using the expedited permit review process must attach an E&S and PCSM/Site Restoration Plans developed and sealed by a licensed professional engineer, surveyor or professional geologist. The plans shall contain the following certification:

*I do hereby certify to the best of my knowledge, information, and belief, that the E & S Control and PCSM/SR BMPs are true and correct, represent actual field conditions and are in accordance with the 25 Pa. Code Chapters 78 / 78a and 102 of the Department's rules and regulations. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment***.**

SECTION L. APPLICANT CERTIFICATION

Applicant Certification

I certify under penalty of law, as provided by 18 Pa. C.S.A. § 4904, that this application and all related attachments were prepared by me or under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my own knowledge and on inquiry of the person or persons who manage the system or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate and complete. The responsible official's signature also verifies that the activity is eligible to participate in the ESCGP, and that the applicant agrees to abide by the terms and conditions of the permit. BMP's, E&S Plan, PPC Plan, PCSM Plan, and other controls are being or will be, implemented to ensure that water quality standards and effluent limits are attained.

I grant permission to the agencies responsible for the permitting of this work, or their duly authorized representative to enter the project site for inspection purposes. I will abide by the conditions of the permit if issued and will not begin work prior to permit issuance.

(For individuals no indication of title is necessary, choose the box below. All others proceed to the next paragraph)

☐ **Individual; proceed to signature portion.**

I hereby certify under penalty of law, as provided by 18 Pa. C.S.A. § 4904, that I am the person who is responsible for decision-making regarding environmental compliance functions for Transcontinental Gas Pipeline Company, LLC, the manager of one or more manufacturing, production, or operating facilities of the applicant and am authorized to make management decisions which govern the operation of regulated facility including having explicit or implicit duty of making major capital investment recommendations, and initiating and directing other comprehensive measures to assure the applicant's long term environmental compliance with environmental laws and regulations; and I am responsible for ensuring that the necessary systems are established or actions taken to gather complete and accurate information for permit application requirements.

(choose one of the following; not applicable for individuals):

☐ The responsible corporate officer ☐ president ☐ vice president ☐ secretary
☐ treasure of _____ Corporation/Company
Entity name

☒ The ☐ member or ☒ manager of Transcontinental Gas Pipe Line Company, LLC
Entity name

☐ The general partner of _____ partnership/LP/LLP
Entity name

☐ The principal executive officer or ranking elected official of _____ Municipality/State/Federal/other public agency
Entity name

☐ Power of Attorney/delegation of contractual authority (documentation supporting delegation of contracting authority must be provided) for _____
Entity name

_____	_____
Print Name and Title of Applicant	Print Name and Title of Co-Applicant (if applicable)
_____	_____
Signature of Applicant	Signature of Co-Applicant
_____	_____
Date Application Signed	Date Application Signed

Notarization

Sworn to and subscribed to before me this

_____ day of _____, 20_____

_____
Notary Public

AFFIX SEAL

Commonwealth of Pennsylvania

County of _____

My Commission expires _____

SECTION M. ADDITIONAL CONTACT INFORMATION				
Contact's Last Name	First Name	MI	Phone (814) 689-1650	
Nelson	Ryan	J	FAX	
Mailing Address	City		State	ZIP + 4
2525 Green Tech Drive, Suite B	State College		PA	16803
e-Mail Address ryann@whmgroup.com				

Section 1-1.1 NOI Supporting Information

Project Component	Site	Site Location City	ZIP Code	County	Municipality	Total Project Area/Project Site (Acre)	Total Disturbed Area (Acre)	Latitude / Longitude	U.S.G.S. 7.5 min. Topographic Quadrangle	Receiving Waters	Chapter 93, Designated Use Stream Classification	Chapter 93, Existing Use Stream Classification	Siltation Impaired
Regional Energy Lateral	Pipeline			Luzerne	Buck, Bear Creek, Plains, Jenkins, Kingston, Dallas, Wyoming, West Wyoming, Laflin	952.63	420.67 (includes CS 515 and sites below)	41.173337, -75.671706 (eastern terminus) 41.346917, -75.946263 (western terminus)	Kingston, Pittston, Avoca, Wilkes-Barre East, Pleasant View Summit	Stony Run, Shades Creek, Little Shades Creek, Snider Run, Meadow Run, Bear Creek, Little Bear Creek, Mill Creek, Gardner Creek, Susquehanna River, Abrahams Creek, Toby Creek, Trout Brook	MF, HQ-CWF, WWF, CWF	-	No
	CY-LU-001	Wyoming	18644	Luzerne	Wyoming		16.3 (Included within above total)	41.31016, -75.84636		Abrahams Creek	CWF, MF	-	No
	CY-LU-002	Wilkes-Barre	18702	Luzerne	Laflin		11.4 (Included within above total)	41.28491, -75.79026		Gardner Creek	CWF, MF	-	No
	MLV-515RA20	Wilkes-Barre	18702	Luzerne	Bear Creek Township		0.46 (Included within above total)	41.25279, -75.75856		Mill Creek	CWF, MF	-	No
	MLV-515RA30	Wyoming	18644	Luzerne	Wyoming Borough		0.44 (Included within above total)	41.30411, -75.84662		Susquehanna River	WWF		No
	Carverton Tie-in	Wyoming	18644	Luzerne	West Wyoming Borough		3.9 (Included within above total)	41.32053, -75.87270		Abrahams Creek	CWF, MF		No
	Lower Demunds REL Tie-in	Dallas	18612	Luzerne	Dallas Township		1.7 (Included within above total)	41.34652, -75.94551		Trout Brook	CWF, MF		No
	Hildebrandt Tie-in/MLV-515RA40	Dallas	18612	Luzerne	Dallas Township		3.1 (Included within above total)	41.34692, -75.94629		Toby Creek, Trout Brook	CWF, MF		No
	Laflin Borough Stream Stabilization	Wilkes-Barre	18702	Luzerne	Laflin Borough		0.94 (Included within above total)	41.28925, -75.80209		Gardner Creek	CWF, MF	-	No
Effort Loop	Pipeline			Monroe	Ross, Chestnuthill, Tunkhannock	360.63	262.18	40.896796, -75.370606 (Southeast Terminus) 41.053413, -75.526178 (Northwest Terminus)	Blakeslee, Pocono Pines, Brodheadsville, Saylorsburg	Lake Creek, Princess Run, Weir Creek, McMichael Creek, Pohopoco Creek, Sugar Hollow Creek, Poplar Creek, Mud Run, Mud Pond Run, Tunkhannock Creek	EV, MF, HQ-CWF, CWF	EV, MF	No

Project Component	Site	Site Location City	ZIP Code	County	Municipality	Total Project Area/Project Site (Acre)	Total Disturbed Area (Acre)	Latitude / Longitude	U.S.G.S. 7.5 min. Topographic Quadrangle	Receiving Waters	Chapter 93, Designated Use Stream Classification	Chapter 93, Existing Use Stream Classification	Siltation Impaired
	MLV-505LD86 Sugar Hollow Valve Yard	Effort	18330	Monroe	Chestnut Hill Township		8.8 (Included within above total)	40.96775, -75.42980		Sugar Hollow Creek	CWF, MF	-	No
	CY-MO-001	Saylorsburg	18353	Monroe	Ross Township		50.1 (Included within above total)	40.89803, -75.36784		Lake Creek, Princess Run	HQ-CWF, MF, CWF	-	No
Delaware River Regulator		Easton	18040	Northampton	Lower Mt. Bethel	11.28	3.25	40.76220 -75.19653	Bangor, PA	Mud Run	CWF, MF	-	No
Mainline "A" Regulator		Washington Crossing	18977	Bucks	Lower Makefield	0.94	0.530	40.26807, -74.85712	Pennington, NJ-PA	Dyers Creek, Delaware River	MF, WWF	-	No
Compressor Station 200		Frazer	19335	Chester	East Whiteland	20.28	3.16	40.04998, -75.58589	Malvern, PA	Valley Creek	EV, MF, CWF	-	Yes
Compressor Station 515		White Haven	18661	Luzerne	Buck	952.63 (Included with Regional Energy Lateral)	24.83 (included with Regional Energy Lateral)	41.17380, -75.67118	Pleasant View Summit, PA	Shades Creek, Stony Run	HQ-CWF, MF	-	No

pennsylvania
DEPARTMENT OF ENVIRONMENTAL PROTECTION

COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
BUREAU OF CLEAN WATER

COUNTY NOTIFICATION OF PLANNED LAND DEVELOPMENT FOR CHAPTER 102 PERMITS

PROJECT INFORMATION (COMPLETED BY APPLICANT)

Applicant Name:	**Transcontinental Gas Pipe Line Company, a subsidiary of Williams Partners, L.P.**	Contact Name:	**Joseph Dean** **Manager-Permitting**
Applicant Address:	**2800 Post Oak Blvd, Level 11**	Contact Phone:	**(713) 215-3427**
Applicant City, State, ZIP:	**Houston, TX 77056**	County:	**Luzerne**
		Municipality:	**Buck, Bear Creek, Plains, Jenkins, Kingston, Dallas, Wyoming, West Wyoming Laflin**

Description of Proposed Land Development and Stormwater Controls:

The Regional Energy Lateral component of the Regional Energy Access Expansion Project will consist of approximately 22.3 miles of 30-inch diameter pipeline, partially co-located with existing Transco Leidy Line-A, in Buck, Bear Creek, Plains, Jenkins, Kingston and Dallas Townships, and Laflin, Wyoming, and West Wyoming Boroughs, Luzerne County, Pennsylvania. The Regional Energy Lateral begins at existing Compressor Station 515 in Buck Township and continues westward to its terminus at Transco's existing Hildebrandt Tie-in in Dallas Township. Transco will be installing four mainline valves with appurtenant equipment, as a means to isolate gas flows along the Regional Energy Lateral. The mainline valve sites at each pipeline terminus (MLV515RA10 at Compressor Station 515 and MLV515RA40 at the Hildebrandt Tie-in) will also have pig traps (industry term for manifolds that launch or receive in-line inspection tools). The other two valve sites are proposed along the pipeline route (MLV515RA20 at Milepost 7.5 and MLV515RA30 at Milepost 14.8). Modifications at three existing pipeline interconnects are proposed to tie-in the proposed pipeline to the existing facilities. The Carverton Tie-In is located at Milepost 16.8. The Lower Demunds Tie-In is located at Milepost 22.3 and also includes a +/- 400-ft segment of 20-in pipeline and conduit to connect to the existing facility. The Hildebrandt Tie-In is located at the Regional Energy Lateral pipeline terminus and includes MLV515RA40. Two contractor yards are proposed for the Project and are located adjacent to the pipeline. CY-LU-001 is located at Milepost 15.3 and CY-LU-002 is located at Milepost 10.5. Cathodic protection equipment will be installed along the pipeline route. Deep anode ground beds are proposed at Mileposts 7.5 and 19.8, and one remote anode ground bed is proposed at Milepost 15.3.

The existing Compressor Station 515 component of the Project is located at the eastern terminus of the Regional Energy Lateral in Buck Township, Luzerne County. Proposed at this facility is the addition of two gas-fired turbine driven compressor units with 63,742 nominal HP at ISO conditions and modification of three existing compressors to support the Project and to accommodate the abandonment and replacement of approximately 17,000 HP from five existing gas-fired reciprocating engine driven compressors and increase the certificated station compression by 46,742 HP. One Mainline Valve will be installed at this facility (MLV515RA10).

*On March 31, 2021 Transco submitted to you its E&S and PCSM Plans (Plans) as part of the ESCGP-3 permit application notification. Transco provided an update in July 2021 indicating the Erosion and Sediment Control Permit for Discharges of Stormwater Associated with Construction Activities Application was submitted to the PA Dept. of Environmental Protection to replace the ESCGP-3 application. Transco has updated the application in response to the PADEP Technical Deficiencies and is providing the updated materials. Updated drawings, location maps, GIF form and Parcel ID tables are included.

Project Area: **931.98** acres ☐ Phased

Disturbance: **404.88** acres

Surface Waters Receiving Stormwater Discharges:

Stony Run, Shades Creek, Little Shades Creek, Snider Run, Meadow Run, Bear Creek, Little Bear Creek, Mill Creek, Gardner Creek, Susquehanna River, Abrahams Creek, Toby Creek, Trout Brook

Tax Parcel ID(s) Affected by Proposed Land Development:

See attached table

Discharge to: ☐ MS4 ☐ Other SS ☐ CSS

The following information was submitted to the county for this project:

☐ Land Development / Subdivision Plan ☒ E&S Plan ☒ PCSM Plan ☐ Other:

COUNTY PLAN INFORMATION (COMPLETED BY COUNTY)

Name of county organization completing this assessment:

1.	Is there an adopted county or multi-county comprehensive plan?	☐ Yes	☐ No	
2.	If Yes to #1, is the proposed project consistent with the county plan?	☐ Yes	☐ No	
3.	Is there a DEP-approved Act 167 stormwater management plan?	☐ Yes	☐ No	☐ CCD
4.	If Yes to #3, is the proposed project consistent with the Act 167 plan, without waiver?	☐ Yes	☐ No	☐ CCD
5.	If Yes to #3, list the date of the latest plan / update approved by DEP:			☐ CCD

APPLICANT CERTIFICATION	COUNTY ACKNOWLEDGEMENT
I certify under penalty of law (see 18 Pa.C.S. § 4904 (relating to unsworn falsification)) that the information reported herein was prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the information, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.	The county acknowledges that a permit application for the above-referenced project has been submitted to a reviewing agency and that notification requirements of Act 14 of 1984 and Acts 67, 68, and 127 of 2000 have been satisfied. The information reported herein by the county is true and accurate. County acknowledgment of receipt of notification shall not be construed as project approval.

Joseph Dean

Applicant Name

County Representative Name

Applicant Signature

County Representative Signature

Manager - Permitting

Applicant Title

County Representative Title

04/06/2022

Date of Signature

Date of Signature

From: UPS
To: SFOX@WHMGROUP.COM
Subject: UPS Delivery Notification, Tracking Number 1Z8797VV0395238363
Date: Thursday, April 7, 2022 1:21:29 PM

Hello, your package has been delivered.

Delivery Date: Thursday, 04/07/2022
Delivery Time: 1:19 PM
Signed by: WOOD

Set Delivery Instructions | Manage Preferences | View My Packages

WHM CONSULTING, INC

Tracking Number:	1Z8797VV0395238363
Ship To:	LUZERNE COUNTY PLANNING COMMISSION 20 NORTH PENNSYLVANIA OFFICE WILKES BARRE, PA 18711 US
Number of Packages:	1
UPS Service:	UPS Ground
Package Weight:	5.0 LBS
Reference Number:	WILLIAMS-20-244, T2C

Download the UPS mobile app

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Transcontinental Gas Pipe Line Company, LLC

Section 1-11 – General Information Form

Regional Energy Access Expansion Project

April 2021
(Added July 2021)
(Revised March 2022)

pennsylvania
DEPARTMENT OF ENVIRONMENTAL PROTECTION

COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION

GENERAL INFORMATION FORM – AUTHORIZATION APPLICATION

Before completing this General Information Form (GIF), read the step-by-step instructions provided in this application package. This form is used by the Department of Environmental Protection (DEP) to inform our programs regarding what other DEP permits or authorizations may be needed for the proposed project or activity. This version of the General Information Form (GIF) must be completed and returned with any program-specific application being submitted to the DEP.

Related ID#s (If Known)				DEP USE ONLY
Client ID#		**APS ID#**		Date Received & General Notes
Site ID#		**Auth ID#**		
Facility ID#				

CLIENT INFORMATION

DEP Client ID#	Client Type / Code	Dun & Bradstreet ID#
163321	LLC	

Legal Organization Name or Registered Fictitious Name	Employer ID# (EIN)	Is the EIN a SSN?
Transcontinental Gas Pipe Line Company, LLC	74-1079400	☐ Yes ☒ NO

State of Incorporation or Registration of Fictious Name

☐ Corporation ☒ LLC ☐ Partnership ☐ LLP ☐ LP
☐ Sole Proprietorship ☐ Association/Organization
☐ Estate/Trust ☐ Other

Individual Last Name	First Name	MI	Suffix

Additional Individual Last Name	First Name	MI	Suffix

Mailing Address Line 1	Mailing Address Line 2
2800 Post Oak Blvd, Level 11	

Address Last Line – City	State	ZIP+4	Country
Houston	TX	77056	United States

Client Contact Last Name	First Name	MI	Suffix
Dean	Joseph		

Client Contact Title	Phone	Ext	Cell Phone
Manager, Permitting	(713) 215-3427		

Email Address	FAX
Joseph.Dean@Williams.com	

SITE INFORMATION

DEP Site ID#	Site Name
	Regional Energy Access Expansion Project

EPA ID# **Estimated Number of Employees to be Present at Site**

Description of Site
The Project is an expansion of an existing natural gas transmission system consisting of pipelines, modification of three existing compressor stations and additional existing ancillary facilities.

Tax Parcel ID(s):

County Name(s)	Municipality(ies)	City	Boro	Twp	State
Luzerne	Buck, Bear Creek, Plains, Jenkins, Kingston, Dallas, Wyoming, West Wyoming, Laflin	☐	☒	☒	PA
Monroe	Ross, Chestnuthill, Tunkhannock	☐	☐	☒	PA
Northampton	Lower Mt. Bethel	☐	☐	☒	PA
Bucks	Lower Makefield	☐	☐	☒	PA
Chester	East Whiteland	☐	☐	☒	PA
		☐	☐	☒	PA
		☐	☒	☐	PA

Site Location Line 1	Site Location Line 2
See Section 1.1 - GIF Supporting Information	

Site Location Last Line – City	State	ZIP+4

Detailed Written Directions to Site
See Secton 1.1 - GIF Supporting Information for locations of all project sites.

Site Contact Last Name	First Name	MI	Suffix
Henry	Josh		

Site Contact Title	Site Contact Firm
Environmental Specialist	Transcontinental Gas Pipe Line Company, LLC.

Mailing Address Line 1	Mailing Address Line 2
2000 Commerce Drive, Park Place 2	

Mailing Address Last Line – City	State	ZIP+4
Pittsburgh	PA	15275

Phone	Ext	FAX	Email Address
(412) 787- 4277			Josh.Henry@Williams.com

NAICS Codes (Two- & Three-Digit Codes – List All That Apply) **6-Digit Code** (Optional)
221

Client to Site Relationship
OWNOP

FACILITY INFORMATION

Modification of Existing Facility	Yes	No
1. **Will this project modify an existing facility, system, or activity?**	☒	☐
2. **Will this project involve an addition to an existing facility, system, or activity?**	☒	☐

If "Yes", check all relevant facility types and provide DEP facility identification numbers below.

	Facility Type	DEP Fac ID#		Facility Type	DEP Fac ID#
☐	Air Emission Plant		☐	Industrial Minerals Mining Operation	
☐	Beneficial Use (water)		☐	Laboratory Location	
☐	Blasting Operation		☐	Land Recycling Cleanup Location	
☐	Captive Hazardous Waste Operation		☐	Mine Drainage Treatment / Land Recycling Project Location	
☐	Coal Ash Beneficial Use Operation		☐	Municipal Waste Operation	
☐	Coal Mining Operation		☐	Oil & Gas Encroachment Location	
☐	Coal Pillar Location		☐	Oil & Gas Location	
☐	Commercial Hazardous Waste Operation		☐	Oil & Gas Water Poll Control Facility	
☐	Dam Location		☐	Public Water Supply System	
☐	Deep Mine Safety Operation -Anthracite		☐	Radiation Facility	
☐	Deep Mine Safety Operation -Bituminous		☐	Residual Waste Operation	
☐	Deep Mine Safety Operation -Ind Minerals		☐	Storage Tank Location	
☐	Encroachment Location (water, wetland)		☐	Water Pollution Control Facility	
☐	Erosion & Sediment Control Facility		☐	Water Resource	
☐	Explosive Storage Location		☒	Other: Natural Gas Transmission	

Latitude/Longitude Point of Origin	Latitude Degrees	Latitude Minutes	Latitude Seconds	Longitude Degrees	Longitude Minutes	Longitude Seconds
See Section 1.1 - GIF Supporting Information						

Horizontal Accuracy Measure	Feet	*--or--*	Meters
Horizontal Reference Datum Code	☐ North American Datum of 1927 ☒ North American Datum of 1983 ☐ World Geodetic System of 1984		
Horizontal Collection Method Code	GISDR		
Reference Point Code	CNTAR		
Altitude	Feet	*--or--*	Meters
Altitude Datum Name	☐ The National Geodetic Vertical Datum of 1929 ☒ The North American Vertical Datum of 1988 (NAVD88)		
Altitude (Vertical) Location Datum Collection Method Code	TOPO		

Geometric Type Code	POINT				
Data Collection Date	2020				
Source Map Scale Number	1	Inch(es)	=	2,000	Feet
--or--		Centimeter(s)	=		Meters

PROJECT INFORMATION

Project Name
Regional Energy Access Expansion Project

Project Description
The Project is an expansion of Transco's existing natural gas transmission system that will enable Transco to provide an incremental 829,400 dekatherms per day (Dth/d) of year-round firm transportation capacity from the Marcellus Shale production area in northeastern Pennsylvania (PA) to multiple delivery points along Transco's Leidy Line in PA, Transco's mainline at the Station 210 Zone 6 Pooling Point in Mercer County, New Jersey (NJ) and multiple delivery points in Transco's Zone 6 in NJ, PA, and Maryland (MD). The Project will consist of the following components:

• Approximately 22.2 miles of 30-inch-diameter pipeline partially collocated with Transco's Leidy Line A from milepost (MP) 0.00 to MP 22.32 in Luzerne County, PA (Regional Energy Lateral);

• Approximately 13.8 miles of 42-inch-diameter pipeline collocated with Transco's Leidy Line System from MP 43.72 to MP 57.50 in Monroe County, PA (Effort Loop);

• New electric motor-driven compressor station identified as Compressor Station 201 with 9,000 nominal horsepower (HP) in Gloucester County, NJ;

• Addition of two gas-fired turbine driven compressor units with 31,800 nominal HP at ISO conditions at existing Compressor Station 505 in Somerset County, NJ, to accommodate the abandonment and replacement of approximately 16,000 HP from eight existing internal combustion engine-driven compressor units and increase the certificated station compression by 15,800 HP;

• Addition of two gas-fired turbine driven compressor units with 63,742 nominal HP at ISO conditions and modification of three existing compressors at existing Compressor Station 515 in Luzerne County, PA to support the Project and to accommodate the abandonment and replacement of approximately 17,000 HP from five existing gas-fired reciprocating engine driven compressors and increase the certificated station compression by 46,742 HP;

• Uprate and rewheel two existing electric motor-driven compressor units at existing Compressor Station 195 in York County, PA to increase the certificated station compression by 6,000 HP and accommodate the abandonment of two existing gas-fired reciprocating engine driven compressors, which total approximately 8,000 HP;

• Modifications at existing Compressor Station 200 in Chester County, PA;

• Uprate one existing electric motor-driven compressor unit at Compressor Station 207 in Middlesex County, NJ to increase the certificated station compression by 4,100 HP;

• Modifications to three (3) existing pipeline tie-ins in PA (Hildebrandt Tie-in, Lower Demunds REL Tie-in, and Carverton Tie-in);

• Addition of regulation controls at an existing valve setting on Transco's Mainline "A" in Bucks County, PA (Mainline A Regulator);

• Modifications at the existing Delaware River Regulator in Northampton County, PA;

• Modifications at the existing Centerville Regulator in Somerset County, NJ;

• Modifications to the existing valves and piping at the Princeton Junction (Station 210 Pooling Point) in Mercer County, NJ;

• Modifications to three (3) existing delivery meter stations in NJ (Camden M&R Station, Lawnside M&R Station, and Mt. Laurel M&R Station);

• Modifications to one (1) existing delivery meter station in MD (Beaver Dam M&R Station);

• Contractual changes (no modifications) at ten (10) existing delivery meter stations in PA and NJ (Algonquin-Centerville Meter Station, Post Road Meter Station, New Village Meter Station, Spruce Run Meter Station, Marcus Hook Meter Station, Ivyland Meter Station, Repaupo Meter Station, Morgan Meter Station, Lower Mud Run Meter Station, and Chesterfield Meter Station);

• Additional ancillary facilities, such as mainline valves (MLVs), cathodic protection, communication facilities, and internal inspection device (e.g., pig) launchers and receivers in PA; and

• Existing, improved, and new access roads and contractor yards/staging areas in PA, NJ, and MD.

In an ongoing effort to reduce its air emissions footprint, Transco is assessing the replacement of vintage gas-fired reciprocating engine driven compressors with more efficient state-of-the-art gas-fired turbine driven compressors. The proposed compression abandonment and replacement scopes at Transco's existing Compressor Station 505 and Compressor Station 515 are part of this effort and have been adopted into the Project scope. Additionally, the uprate and optimization of existing electric motor-driven compression to accommodate abandonment of gas-fired reciprocating engine driven compression at Compressor Station 195 has also been adopted into the Project scope.

The Algonquin-Centerville, Post Road, New Village, Spruce Run, Marcus Hook, Ivyland, Repaupo, Morgan, Lower Mud Run, and Chesterfield Meter Stations can accommodate the contractual changes proposed as part of this Project; therefore, no modifications are proposed at these facilities

Project Consultant Last Name	**First Name**	**MI**	**Suffix**
Nelson	Ryan		

Project Consultant Title	**Consulting Firm**
Senior Project Manager	WHM Consulting, LLC

Mailing Address Line 1	**Mailing Address Line 2**
2525 Green Tech Drive; Suite B	

Address Last Line – City	**State**	**ZIP+4**
State College	PA	16803

Phone	**Ext**	**FAX**	**Email Address**
(814) 689-1650	102		ryann@whmgroup.com

Time Schedules	**Project Milestone (Optional)**
March 2021	Submit 401 WQC
April 2021	Submit Chapter 102 / 105 Permits
2nd Quarter of 2023	Commence Construction
4th Quarter 2024	In-service Date

1. Is the project located in or within a 0.5-mile radius of an Environmental Justice community as defined by DEP? ☒ Yes ☐ No

To determine if the project is located in or within a 0.5-mile radius of an environmental justice community, please use the online Environmental Justice Areas Viewer.

2. Have you informed the surrounding community prior to submitting the application to the Department? ☒ Yes ☐ No

Method of notification:

1) Open house schedule mailed to affected parties;

2) Newspaper advertisements of open houses placed in newspapers of general circulation in the Project area;

3) Open houses (a mixture of virtual and in-person) held in the county of each major project scope item;
4) Newspaper advertisements prior to commencement of construction, which will be placed in those same publications;
5) Notification to businesses potentially affected by construction;
6) Designation of a point of contact for stakeholder communication;
7) A Project toll free telephone number for public inquiries; and
•8) A Project website with periodic updates of relevant information.

3. Have you addressed community concerns that were identified? ☒ Yes ☐ No ☐ N/A

If no, please briefly describe the community concerns that have been expressed and not addressed.

4. Is your project funded by state or federal grants? ☐ Yes ☒ No

Note: If "Yes", specify what aspect of the project is related to the grant and provide the grant source, contact person and grant expiration date.

Aspect of Project Related to Grant
Grant Source: _____
Grant Contact Person: _____
Grant Expiration Date: _____

5. Is this application for an authorization on Appendix A of the Land Use Policy? (For referenced list, see Appendix A of the Land Use Policy attached to GIF instructions) ☒ Yes ☐ No

Note: If "No" to Question 5, the application is not subject to the Land Use Policy.
If "Yes" to Question 5, the application is subject to this policy and the Applicant should answer the additional questions in the **Land Use Information** section.

LAND USE INFORMATION

Note: Applicants should submit copies of local land use approvals or other evidence of compliance with local comprehensive plans and zoning ordinances.

1.	**Is there an adopted county or multi-county comprehensive plan?**	☒	Yes	☐	No
2.	**Is there a county stormwater management plan?**	☒	Yes	☐	No
3.	**Is there an adopted municipal or multi-municipal comprehensive plan?**	☒	Yes	☐	No
4.	**Is there an adopted county-wide zoning ordinance, municipal zoning ordinance or joint municipal zoning ordinance?**	☒	Yes	☐	No
5.	**Does the proposed project meet the provisions of the zoning ordinance or does the proposed project have zoning approval?** If zoning approval has been received, attach documentation.	☒	Yes	☐	No
6.	**Have you attached Municipal and County Land Use Letters for the project?**	☐	Yes	☒	No

Note: If the Applicant answers "No" to either Questions 1, 3 or 4, the provisions of the PA MPC are not applicable and the Applicant does not need to respond to questions 5 and 6 below.
If the Applicant answers "Yes" to questions 1, 3 and 4, the Applicant should respond to questions 5 and 6 below.

* This Project is regulated by the Federal Energy Regulatory Commission (FERC) under the Natural Gas Act. FERC has exclusive jurisdiction over siting of the Project, therefore, local zoning is preempted.

COORDINATION INFORMATION

Note: The PA Historical and Museum Commission must be notified of proposed projects in accordance with DEP Technical Guidance Document 012-0700-001 utilizing the Project Review Form.

If the activity will be a mining project (i.e., mining of coal or industrial minerals, coal refuse disposal and/or the operation of a coal or industrial minerals preparation/processing facility), respond to questions 1.0 through 2.5 below.

If the activity will not be a mining project, skip questions 1.0 through 2.5 and begin with question 3.0.

1.0	**Is this a coal mining project?** If "Yes", respond to 1.1-1.6. If "No", skip to Question 2.0.	☐	Yes	☒	No
1.1	**Will this coal mining project involve coal preparation/ processing activities in which the total amount of coal prepared/processed will be equal to or greater than 200 tons/day?**	☐	Yes	☐	No
1.2	**Will this coal mining project involve coal preparation/ processing activities in which the total amount of coal prepared/processed will be greater than 50,000 tons/year?**	☐	Yes	☐	No
1.3	**Will this coal mining project involve coal preparation/ processing activities in which thermal coal dryers or pneumatic coal cleaners will be used?**	☐	Yes	☐	No
1.4	**For this coal mining project, will sewage treatment facilities be constructed and treated waste water discharged to surface waters?**	☐	Yes	☐	No
1.5	**Will this coal mining project involve the construction of a permanent impoundment meeting one or more of the following criteria: (1) a contributory drainage area exceeding 100 acres; (2) a depth of water measured by the upstream toe of the dam at maximum storage elevation exceeding 15 feet; (3) an impounding capacity at maximum storage elevation exceeding 50 acre-feet?**	☐	Yes	☐	No
1.6	**Will this coal mining project involve underground coal mining to be conducted within 500 feet of an oil or gas well?**	☐	Yes	☐	No
2.0	**Is this a non-coal (industrial minerals) mining project?** If "Yes", respond to 2.1-2.6. If "No", skip to Question 3.0.	☐	Yes	☒	No
2.1	**Will this non-coal (industrial minerals) mining project involve the crushing and screening of non-coal minerals other than sand and gravel?**	☐	Yes	☐	No
2.2	**Will this non-coal (industrial minerals) mining project involve the crushing and/or screening of sand and gravel with the exception of wet sand and gravel operations (screening only) and dry sand and gravel operations with a capacity of less than 150 tons/hour of unconsolidated materials?**	☐	Yes	☐	No
2.3	**Will this non-coal (industrial minerals) mining project involve the construction, operation and/or modification of a portable non-metallic (i.e., non-coal) minerals processing plant under the authority of the General Permit for Portable Non-metallic Mineral Processing Plants (i.e., BAQ-PGPA/GP-3)?**	☐	Yes	☐	No
2.4	**For this non-coal (industrial minerals) mining project, will sewage treatment facilities be constructed and treated waste water discharged to surface waters?**	☐	Yes	☐	No
2.5	**Will this non-coal (industrial minerals) mining project involve the construction of a permanent impoundment meeting one or more of the following criteria: (1) a contributory drainage area exceeding 100 acres; (2) a depth of water measured by the upstream toe of the dam at maximum storage elevation exceeding 15 feet; (3) an impounding capacity at maximum storage elevation exceeding 50 acre-feet?**	☐	Yes	☐	No

3.0	**Will your project, activity, or authorization have anything to do with a well related to oil or gas production, have construction within 200 feet of, affect an oil or gas well, involve the waste from such a well, or string power lines above an oil or gas well?** If "Yes", respond to 3.1-3.3. If "No", skip to Question 4.0.	☐	Yes	☒	No
3.1	**Does the oil- or gas-related project involve any of the following: placement of fill, excavation within or placement of a structure, located in, along, across or projecting into a watercourse, floodway or body of water (including wetlands)?**	☐	Yes	☐	No
3.2	**Will the oil- or gas-related project involve discharge of industrial wastewater or stormwater to a dry swale, surface water, ground water or an existing sanitary sewer system or storm water system?** If "Yes", discuss in *Project Description*.	☐	Yes	☐	No
3.3	**Will the oil- or gas-related project involve the construction and operation of industrial waste treatment facilities?**	☐	Yes	☐	No
4.0	**Will the project involve a construction activity that results in earth disturbance?** If "Yes", specify the total disturbed acreage.	☒	Yes	☐	No
	4.0.1 Total Disturbed Acreage + / - 672				
	4.0.2 Will the project discharge or drain to a special protection water (EV or HQ) or an EV wetland?	☒	Yes	☐	No
	4.0.3 Will the project involve a construction activity that results in earth disturbance in the area of the earth disturbance that are contaminated at levels exceeding residential or non-residential medium-specific concentrations (MSCs) in 25 Pa. Code Chapter 250 at residential or non-residential construction sites, respectively?	☐	Yes	☒	No
5.0	**Does the project involve any of the following: water obstruction and/or encroachment, wetland impacts, or floodplain project by the Commonwealth/political subdivision or public utility?** If "Yes", respond to 5.1-5.7. If "No", skip to Question 6.0.	☒	Yes	☐	No
5.1	**Water Obstruction and Encroachment Projects – Does the project involve any of the following: placement of fill, excavation within or placement of a structure, located in, along, across or projecting into a watercourse, floodway or body of water?**	☒	Yes	☐	No
5.2	**Wetland Impacts – Does the project involve any of the following: placement of fill, excavation within or placement of a structure, located in, along, across or projecting into a wetland?**	☒	Yes	☐	No
5.3	**Floodplain Projects by the Commonwealth, a Political Subdivision of the Commonwealth or a Public Utility – Does the project involve any of the following: placement of fill, excavation within or placement of a structure, located in, along, across or projecting into a floodplain?**	☐	Yes	☒	No
5.4	**Is your project an interstate transmission natural gas pipeline?**	☒	Yes	☐	No
5.5	**Does your project consist of linear construction activities which result in earth disturbance in two or more DEP regions AND three or more counties?**	☒	Yes	☐	No
5.6	**Does your project utilize Floodplain Restoration as a best management practice for Post Construction Stormwater Management?**	☐	Yes	☒	No
5.7	**Does your project utilize Class V Gravity / Injection Wells as a best management practice for Post Construction Stormwater Management?**	☐	Yes	☒	No
6.0	**Will the project involve discharge of construction related stormwater to a dry swale, surface water, ground water or separate storm water system?**	☒	Yes	☐	No

6.1	**Will the project involve discharge of industrial waste stormwater or wastewater from an industrial activity or sewage to a dry swale, surface water, ground water or an existing sanitary sewer system or separate storm water system?**	☒	Yes	☐	No
7.0	**Will the project involve the construction and operation of industrial waste treatment facilities?**	☐	Yes	☒	No
8.0	**Will the project involve construction of sewage treatment facilities, sanitary sewers, or sewage pumping stations?** If "Yes", indicate estimated proposed flow (gal/day). Also, discuss the sanitary sewer pipe sizes and the number of pumping stations/treatment facilities/name of downstream sewage facilities in the *Project Description*, where applicable.	☐	Yes	☒	No
	8.0.1 Estimated Proposed Flow (gal/day)				
9.0	**Will the project involve the subdivision of land, or the generation of 800 gpd or more of sewage on an existing parcel of land or the generation of an additional 400 gpd of sewage on an already-developed parcel, or the generation of 800 gpd or more of industrial wastewater that would be discharged to an existing sanitary sewer system?**	☐	Yes	☒	No
	9.0.1 Was Act 537 sewage facilities planning submitted and approved by DEP? If "Yes" attach the approval letter. Approval required prior to 105/NPDES approval.	☐	Yes	☐	No
10.0	**Is this project for the beneficial use of biosolids for land application within Pennsylvania?** If "Yes" indicate how much (i.e. gallons or dry tons per year).	☐	Yes	☒	No
	10.0.1 Gallons Per Year (residential septage)				
	10.0.2 Dry Tons Per Year (biosolids)				
11.0	**Does the project involve construction, modification or removal of a dam?** If "Yes", identify the dam.	☐	Yes	☒	No
	11.0.1 Dam Name				
12.0	**Will the project interfere with the flow from, or otherwise impact, a dam?** If "Yes", identify the dam.	☐	Yes	☒	No
	12.0.1 Dam Name				
13.0	**Will the project involve operations (excluding during the construction period) that produce air emissions (i.e., NOX, VOC, etc.)?**	☒	Yes	☐	No
	13.0.1 If "Yes", is the operation subject to the agricultural exemption in 35 P.S. § 4004.1?	☐	Yes	☒	No

13.0.2 If the answer to 13.0.1 is "No", identify each type of emission followed by the estimated amount of that emission.

Enter all types & amounts of emissions; separate each set with semicolons.

Summary of Compressor Station 515 Estimated Net Operational Potential to Emit (PTE): NOx - 196.8; CO - 314.40; VOC - 50.6; SO2 - 14.0; PM10/PM2.5 - 30.6; Single HAP (formaldehyde)- 8.7; Total HAP - 12.2; CO2e - 511,413 = Annual (tpy)

Summary of Pipeline and M&R Station Estimated Operational Potential to Emit (PTE): VOC - 1.17; Single HAP - 0.20; Total HAP - 0.20; CO2e - 5460.47 = Annual (tpy)

Modifications to Compressor Station 195 and Compressor Station 200 only include uprating existing electric motor-driven compression capacity or piping and valve modifications; therefore, Transco anticipates these facilities will have insignificant operational emissions.

14.0	**Does the project include the construction or modification of a drinking water supply to serve 15 or more connections or 25 or more people, at least 60 days out of the year?** If "Yes", check all proposed sub-facilities.	☐	Yes	☒	No
	14.0.1 Number of Persons Served _____				
	14.0.2 Number of Employee/Guests _____				
	14.0.3 Number of Connections _____				
	14.0.4 Sub-Fac: Distribution System	☐	Yes	☐	No
	14.0.5 Sub-Fac: Water Treatment Plant	☐	Yes	☐	No
	14.0.6 Sub-Fac: Source	☐	Yes	☐	No
	14.0.7 Sub-Fac: Pump Station	☐	Yes	☐	No
	14.0.8 Sub Fac: Transmission Main	☐	Yes	☐	No
	14.0.9 Sub-Fac: Storage Facility	☐	Yes	☐	No
15.0	**Will your project include infiltration of storm water or waste water to ground water within one-half mile of a public water supply well, spring or infiltration gallery?**	☒	Yes	☐	No
16.0	**Is your project to be served by an existing public water supply?** If "Yes", indicate name of supplier and attach letter from supplier stating that it will serve the project.	☐	Yes	☒	No
	16.0.1 Supplier's Name _____				
	16.0.2 Letter of Approval from Supplier is Attached	☐	Yes	☐	No
17.0	**Will this project be served by on-lot drinking water wells?**	☐	Yes	☒	No
18.0	**Will this project involve a new or increased drinking water withdrawal from a river, stream, spring, lake, well or other water bod(ies)?** If "Yes", reference Safe Drinking Water Program.	☐	Yes	☒	No
	18.0.1 Source Name				
19.0	**Will the construction or operation of this project involve treatment, storage, reuse, or disposal of waste?** If "Yes", indicate what type (i.e., hazardous, municipal (including infectious & chemotherapeutic), residual) and the amount to be treated, stored, re-used or disposed.	☐	Yes	☒	No
	19.0.1 Type & Amount				
20.0	**Will your project involve the removal of coal, minerals, contaminated media, or solid waste as part of any earth disturbance activities?**	☐	Yes	☒	No
21.0	**Does your project involve installation of a field constructed underground storage tank?** If "Yes", list each Substance & its Capacity. **Note:** Applicant may need a Storage Tank Site Specific Installation Permit.	☐	Yes	☒	No
	21.0.1 Enter all substances & capacity of each; separate each set with semicolons.				
22.0	**Does your project involve installation of an aboveground storage tank greater than 21,000 gallons capacity at an existing facility?** If "Yes", list each Substance & its Capacity. **Note:** Applicant may need a Storage Tank Site Specific Installation Permit.	☐	Yes	☒	No
	22.0.1 Enter all substances & capacity of each; separate each set with semicolons.				
23.0	**Does your project involve installation of a tank greater than 1,100 gallons which will contain a highly hazardous substance as defined in DEP's Regulated Substances List, 2570-BK-DEP2724?** If "Yes", list each Substance & its Capacity. **Note:** Applicant may need a Storage Tank Site Specific Installation Permit.	☐	Yes	☒	No
	23.0.1 Enter all substances & capacity of each; separate each set with semicolons.				

24.0	**Does your project involve installation of a storage tank at a new facility with a total AST capacity greater than 21,000 gallons?** If "Yes", list each Substance & its Capacity. **Note:** Applicant may need a Storage Tank Site Specific Installation Permit. **24.0.1 Enter all substances & capacity of each; separate each set with semicolons.**	☐	Yes	☒	No

NOTE: If the project includes the installation of a regulated storage tank system, including diesel emergency generator systems, the project may require the use of a Department Certified Tank Handler. For a full list of regulated storage tanks and substances, please go to www.dep.pa.gov search term storage tanks

25.0	**Will the intended activity involve the use of a radiation source?**	☐	Yes	☒	No

CERTIFICATION

I certify that I have the authority to submit this application on behalf of the applicant named herein and that the information provided in this application is true and correct to the best of my knowledge and information.

For applicants supplying an EIN number: I am applying for a permit or authorization from the Pennsylvania Department of Environmental Protection (DEP). As part of this application, I will provide DEP with an accurate EIN number for the applicant entity. By filing this application with DEP, I hereby authorize DEP to confirm the accuracy of the EIN number provided with the Pennsylvania Department of Revenue. As applicant, I further consent to the Department of Revenue discussing the same with DEP prior to issuance of the Commonwealth permit or authorization.

Type or Print Name Joseph Dean

Signature	Title	Date
	Manager, Permitting	02/24/2022

GIF Supporting Information

Project Component	Site	Site Location City	ZIP Code	Detailed Written Directions to Site	Latitude / Longitude
Effort Loop	Eastern Terminus	Saylorsburg	18353	From 209: heading East – Turn Right onto Frable Rd/T432. Follow for 1.7 miles. Turn Right onto Meixsell Valley Road/T361. Follow for .2 miles then turn left. Destination is in ~340 feet. Heading West-Turn Left onto Rte 115. Follow for 1.1 miles, then turn right onto Meixsell Valley Rd/T361. Continue for 1.4 miles then turn left. Destination is in ~340 feet.	40.896796, -75.370606
	Western Terminus	Long Pond	18334	From I-80: Heading East- Take exit 284 for PA-115 towards Blakeslee. Keep right at the fork, follow signs for Lake Harmony/Brodheadsville and merge on PA-115 S. Follow for 3.2 miles. Turn Left onto Long Pond Road. Destination will be in ~.2 miles. Heading West- Take exit 384 for PA-115 S. Turn left onto PA-115 S. Follow for 3.4 miles. Turn Left onto Long Pond Rd. Destination will be in ~.2 miles.	41.053413, -75.526178
Regional Energy Lateral	Eastern Terminus	White Haven	18661	From I-80: Heading West-Take exit 284 towards Blakeslee. Merge onto PA-115 N. Follow for 8.2 Miles. Turn Right onto Ridgeway Ave. Destination will be in .2 miles. Heading East- Take exit 284 towards Blakeslee. Turn left onto PA-115 N. Follow for 8.4 miles. Turn Right onto Ridgeway Ave. Destination will be in .2 miles. From I-476: Heading South- Take exit 105 to merge onto PA-115 S. Follow PA-115 S for 8.4 miles. Turn left onto Ridgeway Ave. Destination will be in .2 Miles	41.173337, -75.671706
	Western Terminus	Dallas	18612	From PA-309: Heading South-Head South on PA-309 S toward Dallas RV and MHP. Turn Left onto Hildebrandt Rd. Follow for .4 miles then turn right onto Conyngham Ave. Follow for .4 miles. Continue onto Fairground Road. Destination will be to the left in .2 Miles. Heading North-Head North on PA-309 N toward Grandview Ave. Turn right onto Hildebrandt Rd. Follow for .4 miles then turn right onto Conyngham Ave. Follow for .4 miles. Continue onto Fairground Road. Destination will be to the left in .2 Miles.	41.346917, -75.946263
Compressor Station 515		White Haven	18661	Same as REL Eastern Terminus	41.173337, -75.671706
Compressor Station 200		Frazer	19355	From I-76: East Bound- Take exit 312 toward PA-100 S/Pottstown Pike (Toll Rd). Keep left at the fork and follow signs for PA-100 S/Downingtown and merge onto PA-100 S/Pottstown Pike. Follow for 2.5 miles. Turn left onto N. Ship Rd and follow for .6 miles. Turn left onto Valley Hill Rd and follow for 1.7 miles. Turn right onto PA-401 E. Follow for .5 miles then turn right onto Bacton Hill Rd. Destination will be in .5 Miles. Heading West-Take exit 320 toward Melvern Turn left onto PA-29 S. Turn right at the 1st cross street onto Flat Rd. Turn right onto Sidley Road and then in .4 miles, turn left onto Phoenixville Pike. In .9 miles turn right onto PA-401 W and follow for 1 mile. Turn left onto N. Bacton Hill Road. Destination will be on the right in .5 miles.	40.049969, -75.585849
Delaware River Regulator/Lower Mud Run Meter Station		Easton	18040	To Delaware River Regulator- From 22: East Bound- Take the 4th Street/PA-248 Exit toward PA-611. Turn Left onto PA-248 E/Bushkill St. Follow for .4 miles then turn left onto PA-611 N. Keep right to continue on PA-611 N/N Delaware Dr and follow for 5 miles. Turn Left onto Lower Mud Run Rd. Destination will be on the left in .4 miles. To Lower Mud Run Meter Station- Head +/- 200' northwest from the Delaware River Regulator. The site is immediately adjacent to Delaware River Regulator.	40.762166, -75.19644/ 40.762706, -75.197631
Main Line A Regulator		Washington Crossing	18977	From I-295: Take exit 10 toward New Hope. Turn left onto Taylorsville Rd. Continue straight to stay on Taylorsville Rd. In .9 miles turn right onto Mt Eyre Rd. Follow for .2 miles then turn right onto PA-32 S. The destination will be on the right in 407 feet.	40.268063, -74.857125

Transcontinental Gas Pipe Line Company, LLC

Requirement I – Project Location Map

Regional Energy Access Expansion Project –
Regional Energy Lateral and Existing Compressor Station 515

April 2021
(Revised March 2022)

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Proposed Facility Modification/Addition
Existing Compressor Station
Mile Post
Existing Springville Pipeline
Proposed Pipeline
Existing Transco Pipelines
Proposed Limits of Disturbance
Municipal Boundaries

Existing Compressor Station 515 and Proposed MLV-515RA10

Notes:
1. Maps Reduced from USGS 7.5 Minute Quadrangles:
Avoca, Kingston, Pittston, Pleasant View Summit, & Wilkes-Barre East

1 Inch = 2,000 Feet
0 2,000 4,000 Feet

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TRANSCONTINENTAL GAS PIPE LINE COMPANY, LLC

REGIONAL ENERGY ACCESS EXPANSION PROJECT
PROPOSED 30" REGIONAL ENERGY LATERAL

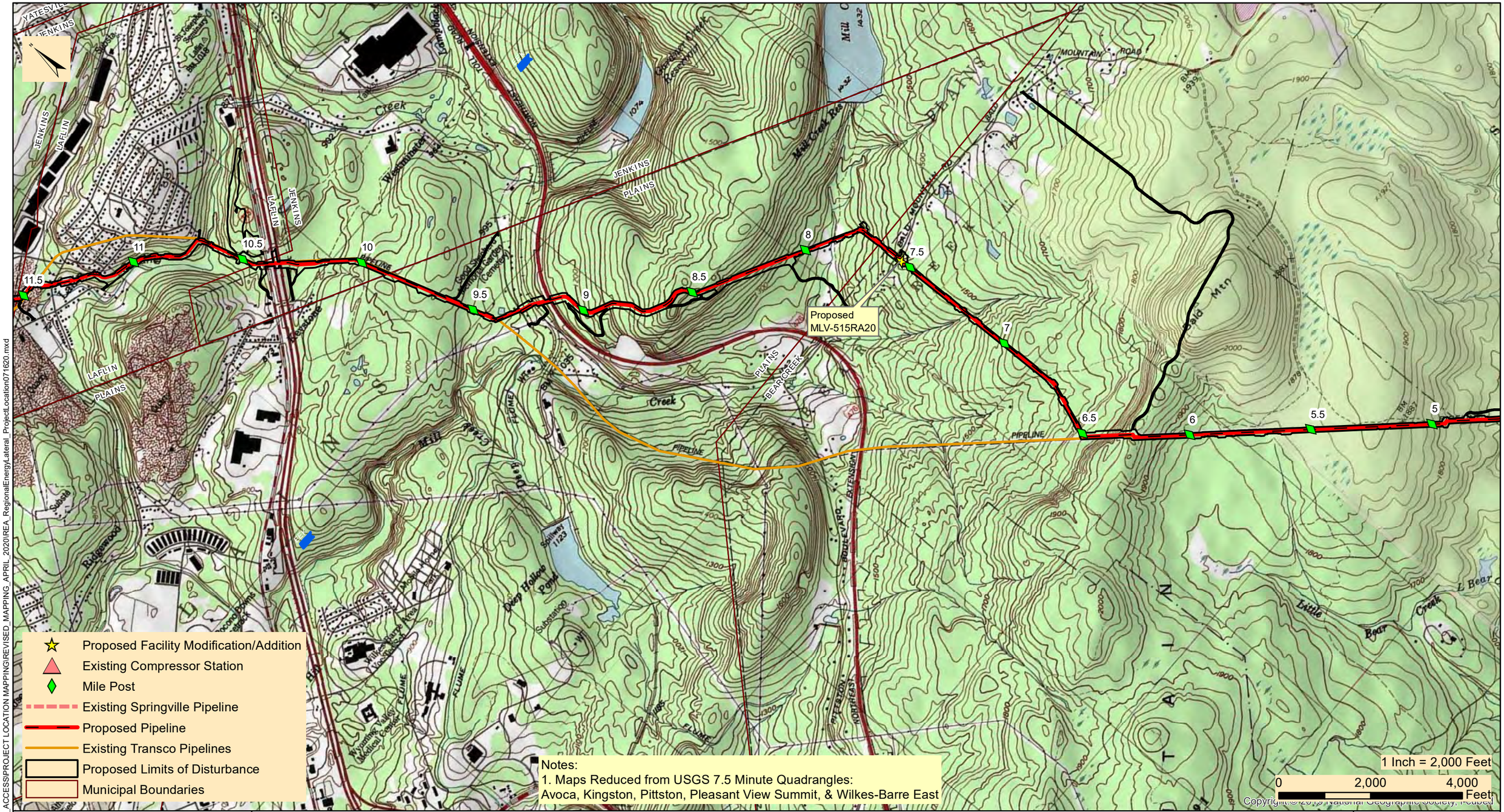
PROJECT LOCATION MAP

BUCK & BEAR CREEK TOWNSHIPS | LUZERNE COUNTY | PENNSYLVANIA

Date: 2/28/2022

Drawn By: FTN

Figure Number: REL-1



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TRANSCONTINENTAL GAS PIPE LINE COMPANY, LLC

REGIONAL ENERGY ACCESS EXPANSION PROJECT

PROPOSED 30" REGIONAL ENERGY LATERAL

PROJECT LOCATION MAP

BEAR CREEK, JENKINS, PLAINS TWPS, & LAFLIN BOROUGH | LUZERNE COUNTY | PENNSYLVANIA

Date: 2/28/2022

Drawn By: FTN

Figure Number: REL-2

Carverton Tie-In

Proposed MLV-515RA30

17.5 17 16.5 16 15.5 15 14.5 14 13.5 13 12.5 12 11.5 11 10.5 10

- Proposed Facility Modification/Addition
- Existing Compressor Station
- Mile Post
- Existing Springville Pipeline
- Proposed Pipeline
- Existing Transco Pipelines
- Proposed Limits of Disturbance
- Municipal Boundaries

Notes:
1. Maps Reduced from USGS 7.5 Minute Quadrangles:
Avoca, Kingston, Pittston, Pleasant View Summit, & Wilkes-Barre East

1 Inch = 2,000 Feet
0 2,000 4,000 Feet

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TRANSCONTINENTAL GAS PIPE LINE COMPANY, LLC

REGIONAL ENERGY ACCESS EXPANSION PROJECT

PROPOSED 30" REGIONAL ENERGY LATERAL

PROJECT LOCATION MAP

KINGSTON, JENKINS, WEST WYOMING, WYOMING, & LAFLIN | LUZERNE COUNTY | PENNSYLVANIA

Date: 2/28/2022

Drawn By: FTN

Figure Number: REL-3

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20.5
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16.5

Hildebrandt Tie-in/
MLV-515RA40

Lower Demunds
REL Tie-In

Carverton
Tie-In

Proposed Facility Modification/Addition
Existing Compressor Station
Mile Post
Existing Springville Pipeline
Proposed Pipeline
Existing Transco Pipelines
Proposed Limits of Disturbance
Municipal Boundaries

Notes:
1. Maps Reduced from USGS 7.5 Minute Quadrangles:
Avoca, Kingston, Pittston, Pleasant View Summit, & Wilkes-Barre East

1 Inch = 2,000 Feet
0 2,000 4,000 Feet

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TRANSCONTINENTAL GAS PIPE LINE COMPANY, LLC

REGIONAL ENERGY ACCESS EXPANSION PROJECT
PROPOSED 30" REGIONAL ENERGY LATERAL

PROJECT LOCATION MAP

DALLAS, KINGSTON, & WEST WYOMING TOWNSHIP | LUZERNE COUNTY | PENNSYLVANIA

Date: 2/28/2022

Drawn By: FTN

Figure Number: REL-4

Tax Account Number / APN	Legal Desc County	Municipality
05K14 00A046000	Luzerne	Buck
05J14 00AVAR000	Luzerne	Buck
05K14 00A050000	Luzerne	Buck
05J14 00AVAR000	Luzerne	Buck
05J14 00AVAR000	Luzerne	Buck
05K14 00A051000	Luzerne	Buck
05J14 00AVAR000	Luzerne	Buck
05K14 00A01C000	Luzerne	Buck
05J14 00AVAR000	Luzerne	Buck
05K13 00A002000	Luzerne	Buck
05J14 00AVAR000	Luzerne	Buck
05K14 00A050000	Luzerne	Buck
05J14 00AVAR000	Luzerne	Buck
05J14 00AVAR000	Luzerne	Buck

Tax Account Number / APN	Legal Desc County	Municipality
04H11 00A004000	Luzerne	Bear Creek
04H11 00A006000	Luzerne	Bear Creek
04H11 00A030000	Luzerne	Bear Creek
04H11 00A05C000	Luzerne	Bear Creek
04H11 00A05D000	Luzerne	Bear Creek
04H12 00A004000	Luzerne	Bear Creek
04H12 00A005000	Luzerne	Bear Creek
04H12 00A041000	Luzerne	Bear Creek
04H12 00A05E000	Luzerne	Bear Creek
04H12 00A05F000	Luzerne	Bear Creek
04H12 00A05H000	Luzerne	Bear Creek
04H12 00A05P000	Luzerne	Bear Creek
04H12 00A05T000	Luzerne	Bear Creek
04H12 00A05U000	Luzerne	Bear Creek
04H12 00A05W000	Luzerne	Bear Creek
04H12 00A05Y000	Luzerne	Bear Creek
04H12 00A05Y000	Luzerne	Bear Creek
04H12 00A15E000	Luzerne	Bear Creek
04H12 00A41A000	Luzerne	Bear Creek
04H12 00A55A000	Luzerne	Bear Creek
04H12 00A025000	Luzerne	Bear Creek
04H12 00A026000	Luzerne	Bear Creek
04H12 00A053000	Luzerne	Bear Creek
04H12 00A25B000	Luzerne	Bear Creek
04-H12- 00A-53A-000	Luzerne	Bear Creek
04I12 00A002000	Luzerne	Bear Creek
04I13 00A001000	Luzerne	Bear Creek
04I13 00A001000	Luzerne	Bear Creek
04J13 00A008000	Luzerne	Bear Creek
04J13 00A09A000	Luzerne	Bear Creek
04J13 00A08A000	Luzerne	Bear Creek
04J13S2 001011000	Luzerne	Bear Creek
04J13S2 001012000	Luzerne	Bear Creek
04J13S2 001013000	Luzerne	Bear Creek
04J13S2 00113A000	Luzerne	Bear Creek
04J13S2 002010000	Luzerne	Bear Creek
04J13S2 002011000	Luzerne	Bear Creek
04J13S2 002012000	Luzerne	Bear Creek
04J13S2 002019000	Luzerne	Bear Creek
04J13S2 00219A000	Luzerne	Bear Creek
04J13S3 001002000	Luzerne	Bear Creek
04J13S3 001003000	Luzerne	Bear Creek
04K13 00A20A000	Luzerne	Bear Creek
50G12H1200A007000	Luzerne	Bear Creek

Tax Account Number / APN	Legal Desc County	Municipality
50H12 00A003000	Luzerne	Bear Creek
50H12 00A02F000	Luzerne	Bear Creek
50-H12- 00A-006-000	Luzerne	Bear Creek

Tax Account Number / APN	Legal Desc County	Municipality
04H12 00A05Y000	Luzerne	Plains
33E11 00A0A1000	Luzerne	Plains
33F10 00A07C000	Luzerne	Plains
33F10 00A07E000	Luzerne	Plains
33F10 00A007000	Luzerne	Plains
50F10S2 00203Q000	Luzerne	Plains
50F10S2 00203R000	Luzerne	Plains
50G10 00A00H000	Luzerne	Plains
50G11 00110B000	Luzerne	Plains
50G11 00110B000	Luzerne	Plains
50G11 00A014000	Luzerne	Plains
50G11 00A015000	Luzerne	Plains
50G11 00A016000	Luzerne	Plains
50G11 00A016000	Luzerne	Plains
50G11 00A14A000	Luzerne	Plains
50G11 00A15C000	Luzerne	Plains
50G11 00A15D000	Luzerne	Plains
50G11 00A15M000	Luzerne	Plains
50G11 00A15N000	Luzerne	Plains
50G11 00A15P000	Luzerne	Plains
50G11 00A15Q000	Luzerne	Plains
50G11 00A15R000	Luzerne	Plains
50G11 00B009000	Luzerne	Plains
50G11 00110B000	Luzerne	Plains
50G11 00A014000	Luzerne	Plains
50G11 00A016000	Luzerne	Plains
50G11 00A04D000	Luzerne	Plains
50G11 00A09C000	Luzerne	Plains
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50G11 00A15B000	Luzerne	Plains
50G11 00A16A000	Luzerne	Plains
50G11 00A25G000	Luzerne	Plains
50-G11-00A-09A-000	Luzerne	Plains
50-G11-00B-10A-000	Luzerne	Plains
50G12 00A06A000	Luzerne	Plains
50G12 00A06E000	Luzerne	Plains
50G12 00A06G000	Luzerne	Plains
50G12 00A06H000	Luzerne	Plains
50G12 00AVAR000	Luzerne	Plains
50G12 00AVAR000	Luzerne	Plains
50G12H1200A007000	Luzerne	Plains
50H11 00A004000	Luzerne	Plains
50H11 00A019000	Luzerne	Plains
50H11 00A12A000	Luzerne	Plains

Tax Account Number / APN	Legal Desc County	Municipality
50H12 00A002000	Luzerne	Plains
50H12 00A003000	Luzerne	Plains
50H12 00A02F000	Luzerne	Plains
50-H12- 00A-006-000	Luzerne	Plains
67F10 00A14A000	Luzerne	Plains

Tax Account Number / APN	Legal Desc County	Municipality
33F11S10001008000	Luzerne	Jenkins
33F11S1000108A000	Luzerne	Jenkins
33F11S1000108B000	Luzerne	Jenkins
33F12 00A026000	Luzerne	Jenkins
33F12 00A15B000	Luzerne	Jenkins
33F12S10001006000	Luzerne	Jenkins
33F12S10001007000	Luzerne	Jenkins
33F12S10001008000	Luzerne	Jenkins
33G11S4 00212G000	Luzerne	Jenkins
33G11S4 00212H000	Luzerne	Jenkins
33G11S4 00212J000	Luzerne	Jenkins
33G12 00A001000	Luzerne	Jenkins
36F11 00A008000	Luzerne	Jenkins
36F11 00A08A000	Luzerne	Jenkins
50G10 00A00H000	Luzerne	Jenkins
50G11 00A006000	Luzerne	Jenkins
50G11 00A04D000	Luzerne	Jenkins
50G11S4 00212E000	Luzerne	Jenkins
50G12 00A008000	Luzerne	Jenkins
50G12 00A008000	Luzerne	Jenkins
50G12 00A06A000	Luzerne	Jenkins
50G12 00AVAR000	Luzerne	Jenkins
50G12 00AVAR000	Luzerne	Jenkins
50G12H1200A007000	Luzerne	Jenkins
50H12 00A02F000	Luzerne	Jenkins
33E11 00A0A1000	Luzerne	Jenkins
33E11 00A0A1000	Luzerne	Jenkins
33E11 00A0A1000	Luzerne	Jenkins
33E11 00A0A1000	Luzerne	Jenkins
33F10 00A007000	Luzerne	Jenkins
33F10 00A07C000	Luzerne	Jenkins
33F10 00A07E000	Luzerne	Jenkins
33F10 00A007000	Luzerne	Jenkins
33F10S3 001004000	Luzerne	Jenkins
33F10S3 003037000	Luzerne	Jenkins
33F10S3 003038000	Luzerne	Jenkins
33F10S3 003038000	Luzerne	Jenkins
33F11 000024000	Luzerne	Jenkins
33F11 00107B000	Luzerne	Jenkins
33F11 00A00F000	Luzerne	Jenkins
33F11 00A08B000	Luzerne	Jenkins
33F11 00A18F000	Luzerne	Jenkins
33F11 00A18W000	Luzerne	Jenkins
33F11 00A18X000	Luzerne	Jenkins

Tax Account Number / APN	Legal Desc County	Municipality
33F11 00A22A000	Luzerne	Jenkins
33F11 00A22A000	Luzerne	Jenkins
33F11 00A03A000	Luzerne	Jenkins
33F11 00A03F000	Luzerne	Jenkins
33F11 00A03G000	Luzerne	Jenkins
33F11 00A07C000	Luzerne	Jenkins
33F11 00A12F000	Luzerne	Jenkins
33F11 00A18W000	Luzerne	Jenkins
33F11 00A18W000	Luzerne	Jenkins
33F11 00A18Y000	Luzerne	Jenkins
33-F11-00A-008-000	Luzerne	Jenkins
33F11S1 003016000	Luzerne	Jenkins
33F11S1 00316A000	Luzerne	Jenkins
33F11S1 004005000	Luzerne	Jenkins
33F11S1 004006000	Luzerne	Jenkins
33F11S1 004007000	Luzerne	Jenkins
33F11S1 004009000	Luzerne	Jenkins
33F11S1 004010000	Luzerne	Jenkins
33F11S1 004011000	Luzerne	Jenkins
33F11S1 004012000	Luzerne	Jenkins
33F11S1 004012000	Luzerne	Jenkins
33F11S1 004013000	Luzerne	Jenkins
33F11S2 001022000	Luzerne	Jenkins
33F11S2 001023000	Luzerne	Jenkins
33F11S2 001024000	Luzerne	Jenkins
33F11S2 00125B000	Luzerne	Jenkins
33F11S2 00125C000	Luzerne	Jenkins
33F11S2 00125D000	Luzerne	Jenkins
33F11S3 00102A000	Luzerne	Jenkins
33F11S3 00102B000	Luzerne	Jenkins
33F11S4 002016000	Luzerne	Jenkins
33F11S4 002017000	Luzerne	Jenkins
33F11S4 002018000	Luzerne	Jenkins
33F11S4 002018000	Luzerne	Jenkins
33F11S4 002019000	Luzerne	Jenkins
33F11S4 002040000	Luzerne	Jenkins
33F11S4 00217A000	Luzerne	Jenkins
33F11S4 00217A000	Luzerne	Jenkins
33F11S4 00219A000	Luzerne	Jenkins
33F11S5A004004000	Luzerne	Jenkins
33F11S5C001001000	Luzerne	Jenkins
36F11S5 005003000	Luzerne	Jenkins
36F11S5 005013000	Luzerne	Jenkins
36F11S5 005013000	Luzerne	Jenkins

Tax Account Number / APN	Legal Desc County	Municipality
36F11S5 005013000	Luzerne	Jenkins
36F11S5 005014000	Luzerne	Jenkins
36F11S5 005015000	Luzerne	Jenkins
36F11S5 005016000	Luzerne	Jenkins
50F10S2 00203Q000	Luzerne	Jenkins
50F10S2 00203R000	Luzerne	Jenkins
67F10 00A14A000	Luzerne	Jenkins

Tax Account Number / APN	Legal Desc County	Municipality
10D9 00A08A000	Luzerne	Kingston
10D9 00A09D000	Luzerne	Kingston
10D9 00A010000	Luzerne	Kingston
35D9 00A001000	Luzerne	Kingston
35D9 00A002000	Luzerne	Kingston
35D9 00A005000	Luzerne	Kingston
35D9 00A006000	Luzerne	Kingston
35D9 00A006000	Luzerne	Kingston
35D9 00A006000	Luzerne	Kingston
35D9 00A023000	Luzerne	Kingston
35D9 00A024000	Luzerne	Kingston
35D9 00A024000	Luzerne	Kingston
35D9 00A06B000	Luzerne	Kingston
35D9 00A06C000	Luzerne	Kingston
35D9 00A22B000	Luzerne	Kingston
35D9 00A24C000	Luzerne	Kingston
35D9 00A24E000	Luzerne	Kingston
35D9 00A52A000	Luzerne	Kingston
35D9S2 001007000	Luzerne	Kingston
35D9S2 001008000	Luzerne	Kingston
35D9S2 00104A000	Luzerne	Kingston
35D9S2 00104B000	Luzerne	Kingston
35D9S2 00104E000	Luzerne	Kingston
35D9S4 002012000	Luzerne	Kingston
35D9S4 004023000	Luzerne	Kingston
35D9S5 001002000	Luzerne	Kingston
35D9S5 001003000	Luzerne	Kingston
35D9S5 001004000	Luzerne	Kingston
35D9S5 001005000	Luzerne	Kingston
35D9S5 001006000	Luzerne	Kingston
35E9 00A51J000	Luzerne	Kingston
35E9 00A016000	Luzerne	Kingston
35E9 00A017000	Luzerne	Kingston
35E9 00A018000	Luzerne	Kingston
35E9 00A033000	Luzerne	Kingston
35E9 00A034000	Luzerne	Kingston
35E9 00A051000	Luzerne	Kingston
35E9 00A055000	Luzerne	Kingston
35E9 00A056000	Luzerne	Kingston
35E9 00A074000	Luzerne	Kingston
35E9 00A075000	Luzerne	Kingston
35E9 00A090000	Luzerne	Kingston
35E9 00A17B000	Luzerne	Kingston
35E9 00A18B000	Luzerne	Kingston

Tax Account Number / APN	Legal Desc County	Municipality
35E9 00A33A000	Luzerne	Kingston
35E9 00A51A000	Luzerne	Kingston
35E9 00A51H000	Luzerne	Kingston
35E9 00A55A000	Luzerne	Kingston
35E9 00A56A000	Luzerne	Kingston
35E9 00A56B000	Luzerne	Kingston
35E9 00A75B000	Luzerne	Kingston
35E9S10 001008000	Luzerne	Kingston
35E9S10 001010000	Luzerne	Kingston
35E9S10 001011000	Luzerne	Kingston
35E9S10 001012000	Luzerne	Kingston
35E9S10 001013000	Luzerne	Kingston
35E9S10 001025000	Luzerne	Kingston
35E9S10 001025000	Luzerne	Kingston
35E9S3 001VAR000	Luzerne	Kingston
35E9S3 004001000	Luzerne	Kingston
35E9S4 009011000	Luzerne	Kingston
35E9S4 009020000	Luzerne	Kingston
35E9S4 009021000	Luzerne	Kingston
35E9S4 009022000	Luzerne	Kingston
35E9S4 009023000	Luzerne	Kingston
35E9S4 009024000	Luzerne	Kingston
35E9S4 009025000	Luzerne	Kingston
59E10 00A008000	Luzerne	Kingston
66E10 00A001000	Luzerne	Kingston
66E10 00A002000	Luzerne	Kingston
66E10 00A003000	Luzerne	Kingston
66E10 00A004000	Luzerne	Kingston
66E10 00A016000	Luzerne	Kingston
66E10 00A01B000	Luzerne	Kingston
66E10 00A05B000	Luzerne	Kingston

Tax Account Number / APN	Legal Desc County	Municipality
10D8 00A057000	Luzerne	Dallas
10D8 00A062000	Luzerne	Dallas
10D8 00A19B000	Luzerne	Dallas
10D8 00A51A000	Luzerne	Dallas
10D8 00A63T000	Luzerne	Dallas
10D8 00A018000	Luzerne	Dallas
10D8 00A019000	Luzerne	Dallas
10D8 00A023000	Luzerne	Dallas
10D8 00A024000	Luzerne	Dallas
10D8 00A19D000	Luzerne	Dallas
10D8 00A19E000	Luzerne	Dallas
10D8 00A57A000	Luzerne	Dallas
10D8 00A62A000	Luzerne	Dallas
10D8 00A63B000	Luzerne	Dallas
10-D8- 00A-63M-000	Luzerne	Dallas
10D8S5 005023000	Luzerne	Dallas
10D8S5 006011000	Luzerne	Dallas
10D8S5 006015000	Luzerne	Dallas
10D8S5 VARVAR000	Luzerne	Dallas
10D8S5 VARVAR000	Luzerne	Dallas
10D8S5 VARVAR

Tax Account Number / APN	Legal Desc County	Municipality
10D8S5 VARVAR000	Luzerne	Dallas
10D8S5 VARVAR000	Luzerne	Dallas
10D8S5 VARVAR000	Luzerne	Dallas
10D8S5 VARVAR000	Luzerne	Dallas
10D8S5 VARVAR000	Luzerne	Dallas
10D8S5 VARVAR000	Luzerne	Dallas
10D8S5 VARVAR000	Luzerne	Dallas
10D8S5 VARVAR000	Luzerne	Dallas
10D8S5 VARVAR000	Luzerne	Dallas
10D9 00A009000	Luzerne	Dallas
10D9 00A08A000	Luzerne	Dallas
10D9 00A09C000	Luzerne	Dallas
10D9 00A09D000	Luzerne	Dallas
10D9 00A010000	Luzerne	Dallas
10D9 00A09A000	Luzerne	Dallas
10D9 00A09B000	Luzerne	Dallas
35D9 00A005000	Luzerne	Dallas

Tax Account Number / APN	Legal Desc County	Municipality
33F10 00A07C000	Luzerne	Wyoming
66E10 00A0A1000	Luzerne	Wyoming
67E10 00A002000	Luzerne	Wyoming
67F10 00A006000	Luzerne	Wyoming
67F10 00A14A000	Luzerne	Wyoming
67F10 00A001000	Luzerne	Wyoming
67F10 00A001000	Luzerne	Wyoming
67F10 00A010000	Luzerne	Wyoming
67F10 00A04A000	Luzerne	Wyoming
67F10NE100113A000	Luzerne	Wyoming
67F10NE100113B000	Luzerne	Wyoming
67F10NE100113G000	Luzerne	Wyoming
67F10NE100113K000	Luzerne	Wyoming
67F10NE100113K000	Luzerne	Wyoming
67F10NE100113L000	Luzerne	Wyoming
67F10NE100113M000	Luzerne	Wyoming
67F10NE100113P000	Luzerne	Wyoming
67F10NE100113R000	Luzerne	Wyoming
67F10NE2003014000	Luzerne	Wyoming
67F10NE2003015000	Luzerne	Wyoming
67F10NE2003026000	Luzerne	Wyoming
67F10NE200323A000	Luzerne	Wyoming
67F10NE2004024000	Luzerne	Wyoming
67F10NE2004025000	Luzerne	Wyoming
67F10NE200424B000	Luzerne	Wyoming

Tax Account Number / APN	Legal Desc County	Municipality
35E9 00A055000	Luzerne	West Wyoming
35E9 00A55A000	Luzerne	West Wyoming
59E10 00A008000	Luzerne	West Wyoming
66E10 00A001000	Luzerne	West Wyoming
66E10 00A002000	Luzerne	West Wyoming
66E10 00A004000	Luzerne	West Wyoming
66E10 00A014000	Luzerne	West Wyoming
66E10 00A015000	Luzerne	West Wyoming
66E10 00A04C000	Luzerne	West Wyoming
66E10 00A15A000	Luzerne	West Wyoming
66E10 00A002000	Luzerne	West Wyoming
66E10 00A003000	Luzerne	West Wyoming
66E10 00A004000	Luzerne	West Wyoming
66E10 00A00A000	Luzerne	West Wyoming
66E10 00A014000	Luzerne	West Wyoming
66E10 00A016000	Luzerne	West Wyoming
66E10 00A017000	Luzerne	West Wyoming
66E10 00A01A000	Luzerne	West Wyoming
66E10 00A01B000	Luzerne	West Wyoming
66E10 00A02A000	Luzerne	West Wyoming
66E10 00A05B000	Luzerne	West Wyoming
66E10 00A0A1000	Luzerne	West Wyoming
66E10S2 001001000	Luzerne	West Wyoming
66E10S2 001002000	Luzerne	West Wyoming
66E10S2 001002000	Luzerne	West Wyoming
66E10S2 001003000	Luzerne	West Wyoming
66E10S2 001004000	Luzerne	West Wyoming
66E10S2 001029000	Luzerne	West Wyoming
66E10S2 00102A000	Luzerne	West Wyoming
66E10S2 00102B000	Luzerne	West Wyoming
66E10S2 001030000	Luzerne	West Wyoming
66E10S2 002001000	Luzerne	West Wyoming
66E10S2 002002000	Luzerne	West Wyoming
66E10S2 002002000	Luzerne	West Wyoming
66E10S2 00201A000	Luzerne	West Wyoming
66E10SE4001011000	Luzerne	West Wyoming
66F10 00A005000	Luzerne	West Wyoming
67F10 00A04A000	Luzerne	West Wyoming
67F10NE100113K000	Luzerne	West Wyoming

Tax Account Number / APN	Legal Desc County	Municipality
33F11 00A00F000	Luzerne	Laflin
33F11S10001008000	Luzerne	Laflin
33F11S1000108A000	Luzerne	Laflin
33F11S1000108B000	Luzerne	Laflin
33F12S10001007000	Luzerne	Laflin
33F12S10001008000	Luzerne	Laflin
33G11S4 00212J000	Luzerne	Laflin
33G12 00A001000	Luzerne	Laflin
36F11 00A007000	Luzerne	Laflin
36F11 00A007000	Luzerne	Laflin
36F11 00A008000	Luzerne	Laflin
36F11 00A00A000	Luzerne	Laflin
36F11 00A00D000	Luzerne	Laflin
36F11 00A07M000	Luzerne	Laflin
36F11 00A007000	Luzerne	Laflin
36F11 00A007000	Luzerne	Laflin
36F11 00A007000	Luzerne	Laflin
36F11 00A08A000	Luzerne	Laflin
36F11S5 001001000	Luzerne	Laflin
36F11S5 001015000	Luzerne	Laflin
36F11S5 002013000	Luzerne	Laflin
36F11S5 002014000	Luzerne	Laflin
36F11S5 003016000	Luzerne	Laflin
36F11S5 003017000	Luzerne	Laflin
36F11S5 00315A000	Luzerne	Laflin
36F11S5 004001000	Luzerne	Laflin
36F11S5 004004000	Luzerne	Laflin
36F11S5 00405A000	Luzerne	Laflin
36F11S5 00405B000	Luzerne	Laflin
36F11S5 005013000	Luzerne	Laflin
36F11S5 005013000	Luzerne	Laflin
36F11S5 005013000	Luzerne	Laflin
36F11S5 005013000	Luzerne	Laflin
36F11S5 005016000	Luzerne	Laflin
36F11S5 01A01A000	Luzerne	Laflin
36F11S7 01E024000	Luzerne	Laflin
36F11S8 06A13B000	Luzerne	Laflin
36F11S8 06A16B000	Luzerne	Laflin
36F11S8 06A17A000	Luzerne	Laflin
36F11S8 06A19A000	Luzerne	Laflin
36F11S8 06A19B000	Luzerne	Laflin
36F11S8 06A20A000	Luzerne	Laflin
36F11S8 06B001000	Luzerne	Laflin
36F11S8 06B002000	Luzerne	Laflin

Tax Account Number / APN	Legal Desc County	Municipality
36F11S8 06B003000	Luzerne	Laflin
36F11S8 06C001000	Luzerne	Laflin
36F11S8 06C009000	Luzerne	Laflin
36F11S9 001001000	Luzerne	Laflin
36F11S9 001002000	Luzerne	Laflin
36F11S9 001003000	Luzerne	Laflin
36F11S9 001004000	Luzerne	Laflin
36F11S9 001005000	Luzerne	Laflin
36F11S9 001007000	Luzerne	Laflin
36F11S9 001008000	Luzerne	Laflin
50G11 00A006000	Luzerne	Laflin

COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
BUREAU OF CLEAN WATER

MUNICIPAL NOTIFICATION OF PLANNED LAND DEVELOPMENT FOR CHAPTER 102 PERMITS

PROJECT INFORMATION (COMPLETED BY APPLICANT)

Applicant Name:	**Transcontinental Gas Pipe Line Company, a subsidiary of Williams Partners, L.P.**	Contact Name:	**Joseph Dean** **Manager-Permitting**
Applicant Address:	**2800 Post Oak Blvd, Level 11**	Contact Phone:	**(713) 215-3427**
Applicant City, State, ZIP:	**Houston, TX 77056**	County:	**Luzerne**
		Municipality:	**Plains**
		Project Area:	**89.20** acres ☐ Phased
		Disturbance:	**38.81** acres

Description of Proposed Land Development and Stormwater Controls:

The Regional Energy Lateral component of the Regional Energy Access Expansion Project will consist of approximately 22.3 miles of 30-inch diameter pipeline, partially co-located with existing Transco Leidy Line-A, in Buck, Bear Creek, Plains, Jenkins, Kingston and Dallas Townships, and Laflin, Wyoming, and West Wyoming Boroughs, Luzerne County, Pennsylvania. The Regional Energy Lateral begins at existing Compressor Station 515 in Buck Township and continues westward to its terminus at Transco's existing Hildebrandt Tie-in in Dallas Township. Transco will be installing four mainline valves with appurtenant equipment, as a means to isolate gas flows along the Regional Energy Lateral. The mainline valve sites at each pipeline terminus (MLV515RA10 at Compressor Station 515 and MLV515RA40 at the Hildebrandt Tie-in) will also have pig traps (industry term for manifolds that launch or receive in-line inspection tools). The other two valve sites are proposed along the pipeline route (MLV515RA20 at Milepost 7.5 and MLV515RA30 at Milepost 14.8). Modifications at three existing pipeline interconnects are proposed to tie-in the proposed pipeline to the existing facilities. The Carverton Tie-In is located at Milepost 16.8. The Lower Demunds Tie-In is located at Milepost 22.3 and also includes a +/- 400-ft segment of 20-in pipeline to connect to the existing facility. The Hildebrandt Tie-In is located at the Regional Energy Lateral pipeline terminus and includes MLV515RA40. Two contractor yards are proposed for the Project and are located adjacent to the pipeline. CY-LU-001 is located at Milepost 15.3 and CY-LU-002 is located at Milepost 10.5. Cathodic protection equipment will be installed along the pipeline route. Deep anode ground beds are proposed at Mileposts 7.5 and 19.8, and one remote anode ground bed is proposed at Milepost 15.3. E&S BMP's are proposed within Plains Township.

Tax Parcel ID(s) Affected by Proposed Land Development:

See attached table

Surface Waters Receiving Stormwater Discharges:

Gardner Creek, Mill Creek

Discharge to: ☐ MS4 ☐ Other SS ☐ CSS

The following information was submitted to the municipality for this project:

☐ Land Development / Subdivision Plan ☒ E&S Plan ☐ PCSM Plan ☐ Other:

***On March 31, 2021 Transco submitted to you its E&S and PCSM Plans (Plans) as part of the ESCGP-3 permit application notification. The purpose of this notice is to let you know that Transco will be submitting an Erosion and Sediment Control Permit for Discharges of Stormwater Associated with Construction Activities Application to the PA Dept. of Environmental Protection to replace the ESCGP-3 application. Please refer to the previously submitted Plans.**

MUNICIPAL PLAN / ORDINANCE INFORMATION (COMPLETED BY MUNICIPALITY)		
1. Is there an adopted municipal or multi-municipal comprehensive plan?	☐ Yes	☐ No
2. Is there an enacted municipal or multi-municipal zoning ordinance?	☐ Yes	☐ No
3. If Yes to #2, is the proposed project consistent with the ordinance?	☐ Yes	☐ No
4. Is there a municipal stormwater management ordinance?	☐ Yes	☐ No
5. If Yes to #4, is the proposed project consistent with the ordinance, without waiver?	☐ Yes	☐ No

6. If Yes to #4, indicate type of ordinance: ☐ Act 167 Model Ordinance ☐ DEP Model Ordinance (MS4s) ☐ Other

APPLICANT CERTIFICATION	MUNICIPAL ACKNOWLEDGEMENT
I certify under penalty of law (see 18 Pa.C.S. § 4904 (relating to unsworn falsification)) that the information reported herein was prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the information, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.	The municipality acknowledges that a permit application for the above-referenced project has been submitted to a reviewing agency and that notification requirements of Act 14 of 1984 and Acts 67, 68, and 127 of 2000 have been satisfied. The information reported herein by the municipality is true and accurate. The municipality reserves the right to comment to the reviewing agency relative to comprehensive plans, zoning, and stormwater ordinance consistency. Municipal acknowledgment of receipt of notification shall not be construed as project approval.

Joseph Dean

Applicant Name

Municipal Representative Name

Applicant Signature

Municipal Representative Signature

Manager - Permitting

Applicant Title

Municipal Representative Title

07/01/2021

Date of Signature

Date of Signature

Tax Account Number / APN	Legal Desc County	Municipality
50G10 00A00H000	Luzerne	Plains
50G11 00110B000	Luzerne	Plains
50G11 00110B000	Luzerne	Plains
50G11 00110B000	Luzerne	Plains
50G11 00A006000	Luzerne	Plains
50G11 00A04D000	Luzerne	Plains
50G11 00A09C000	Luzerne	Plains
50-G11- 00A-10B-000	Luzerne	Plains
50-G11-00A-09A-000	Luzerne	Plains
50G11S4 00212E000	Luzerne	Plains
50G12 00A06H000	Luzerne	Plains
50G12 00AVAR000	Luzerne	Plains
50G12 00AVAR000	Luzerne	Plains
50G12H1200A007000	Luzerne	Plains
50-H12- 00A-006-000	Luzerne	Plains
50H12 00A02F000	Luzerne	Plains

From: UPS
To: SFOX@WHMGROUP.COM
Subject: UPS Delivery Notification, Tracking Number 1Z8797VV0397734715
Date: Wednesday, July 7, 2021 11:30:37 AM

Hello, your package has been delivered.

Delivery Date: Wednesday, 07/07/2021
Delivery Time: 11:29 AM
Left At: RECEIVER
Signed by: RUBASKY

WHM CONSULTING, INC

Tracking Number:	**1Z8797VV0397734715**
Ship To:	PLAINS TOWNSHIP SUPERVISORS 126 NORTH MAIN STREET PLAINS, PA 18705 US
Number of Packages:	1
UPS Service:	UPS Ground
Package Weight:	1.0 LBS
Reference Number:	WILLIAMS-20-244, TASK 2C

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March 31, 2021

UPS TRACKING (1Z8797VV0394143878)

Plains Township Supervisors
126 North Main Street
Plains, PA 18705

Re: Regional Energy Access Expansion Project– Regional Energy Lateral and Compressor Station 515
Pennsylvania Acts 14, 67, 68, and 127 Notification
Plains Township, Luzerne County, Pennsylvania

Dear Township Supervisors:

This municipal notice, under the requirements of Act 14, 97 P.S. § 510-5, is to inform you that Transcontinental Gas Pipe Line Company, LLC (Transco), a subsidiary of The Williams Companies, Inc. (Williams) is applying for coverage under the Erosion and Sediment Control General Permit (ESCGP-3) for Earth Disturbance Associated with Oil & Gas Exploration, Production, Processing or Treatment Operations or Transmission Facilities from the Pennsylvania Department of Environmental Protection (DEP).

1) Project Name: Regional Energy Access Expansion Project – Regional Energy Lateral and Compressor Station 515

2) Project Description: Transco, indirectly owned by The Williams Companies, Inc. (Williams), is seeking authorization from the Federal Energy Regulatory Commission (FERC or Commission) under Section 7(c) of the Natural Gas Act and Part 157 of the Commission's regulations, to construct, own, operate, and maintain the proposed Project facilities. The Project is an expansion of Transco's existing natural gas transmission system that will enable Transco to provide an incremental 829,400 dekatherms per day (Dth/d) of year-round firm transportation capacity from the Marcellus Shale production area in northeastern Pennsylvania (PA) to multiple delivery points along Transco's Leidy Line in PA, Transco's mainline at the Station 210 Zone 6 Pooling Point in Mercer County, New Jersey (NJ) and multiple delivery points in Transco's Zone 6 in NJ, PA, and Maryland (MD).

The Regional Energy Lateral component of the Project will consist of approximately 22.3 miles of 30-inch diameter pipeline, partially co-located with existing Transco Leidy Line-A, in Buck, Bear Creek, Plains, Jenkins, Kingston and Dallas Townships, and Laflin, Wyoming, and West Wyoming Boroughs, Luzerne County, Pennsylvania. The Regional Energy Lateral begins at existing Compressor Station 515 in Buck Township and continues westward to its terminus at Transco's existing Hildebrandt Tie-in in Dallas Township. Transco will be installing four mainline valves with appurtenant equipment, as a means to isolate gas flows along the Regional Energy Lateral. The mainline valve sites at each pipeline terminus (MLV515RA10 at Compressor Station 515 and MLV515RA40 at the Hildebrandt Tie-in) will also have pig traps (industry term for manifolds that launch or receive in-line inspection tools). The other two valve sites are proposed along the pipeline route (MLV515RA20 at Milepost 7.5 and MLV515RA30 at Milepost 14.8). Modifications at three existing pipeline interconnects are proposed to tie-in the proposed pipeline to the existing facilities. The Carverton Tie-In is located at Milepost 16.8. The Lower Demunds Tie-In is located at Milepost 22.3 and also includes a +/- 400-ft segment of 20-in pipeline to connect to the existing facility. The Hildebrandt Tie-In is located at the Regional Energy Lateral pipeline terminus and includes MLV515RA40. Two contractor yards are proposed for the Project and are located adjacent to the pipeline. CY-LU-001 is located at Milepost 15.3 and CY-LU-002 is located at Milepost 10.5. Cathodic protection equipment will be installed along the pipeline route. Deep anode ground beds are proposed at Mileposts 7.5 and 19.8, and one remote anode ground bed is proposed at Milepost 15.3.

The existing Compressor Station 515 component of the Project is located at the eastern terminus of the Regional Energy Lateral in Buck Township, Luzerne County. Proposed at this facility is the addition of two gas-fired turbine driven compressor units with 63,742 nominal HP at ISO conditions and modification of three existing compressors to support the Project and to accommodate the abandonment and replacement of approximately 17,000 HP from five existing gas-fired reciprocating engine driven compressors and increase the certificated station compression by 46,742 HP. One Mainline Valve will be installed at this facility (MLV515RA10).

3) Applicant Name: Transcontinental Gas Pipe Line Company, LLC's (Transco), a subsidiary of Williams Partners L.P. (Williams)

4) Applicant Contact: Joseph Dean
Manager, Permitting
2800 Post Oak Blvd, Level 11
Houston, TX 77056
(713) 215-3427

5) Site Location: The proposed Project is located on the Kingston, Pittston, Wilks-Barre East, Pleasant View Summit, Pennsylvania, 7.5 Minute USGS quadrangle. The Project is partially co-located with an existing pipeline right-of-way. The eastern terminus of the Regional Energy Lateral is located at: 41°10'24.037" 75°40'18.141"W, and is also the location of Compressor Station 515. The western pipeline terminus: 41°20'48.869"N, 75°56'46.642"W.

6) Municipality / County: Buck, Bear Creek, Plains, Jenkins, Kingston, and Dallas Townships, Wyoming, West Wyoming, and Laflin Boroughs, Luzerne County

Act 14, which amended the Commonwealth's Administrative Code (71 P.S. § 510-5), requires every applicant for a new, amended, or revised permit to give written notice to each municipality (borough, township) and county government in which the facility is located. The municipality and county government must receive the written notice at least thirty (30) - days before DEP may issue or deny approval of coverage.

Enclosed is a complete copy of the Notice of Intent (NOI) completed for the project as well as copies of the erosion and sediment control plans.

Sincerely,

Ryan J. Nelson, PWS
WHM Consulting, LLC

Enclosures:
NOI Form
Erosion and Sediment Control Plan Drawings

From: UPS
To: SFOX@WHMGROUP.COM
Subject: UPS Delivery Notification, Tracking Number 1Z8797VV0394143878
Date: Thursday, April 1, 2021 4:26:53 PM

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Delivery Date: Thursday, 04/01/2021
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WHM CONSULTING, INC

Tracking Number:	**1Z8797VV0394143878**
Ship To:	PLAINS TOWNSHIP SUPERVISORS 126 NORTH MAIN STREET PLAINS, PA 18705 US
Number of Packages:	1
UPS Service:	UPS Ground
Package Weight:	4.0 LBS
Reference Number:	WILLIAMS 20-244, TASK 2C

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NOTICE OF INTENT (NOI) FOR COVERAGE UNDER THE EROSION AND SEDIMENT CONTROL GENERAL PERMIT (ESCGP-3) FOR EARTH DISTURBANCE ASSOCIATED WITH OIL AND GAS EXPLORATION, PRODUCTION, PROCESSING, OR TREATMENT OPERATIONS OR TRANSMISSION FACILITIES

READ THE INSTRUCTIONS PROVIDED IN THIS PERMIT APPLICATION PACKAGE BEFORE COMPLETING THIS FORM. PLEASE PRINT OR TYPE INFORMATION IN BLACK OR BLUE INK.

SECTION A. APPLICATION TYPE

Check one:

NEW ☒ **RENEWAL** ☐ **MAJOR MODIFICATIONS (Provide ESCGP number)** ☐

PHASED ☐ (check only if applicable; *note: Most projects are not submitted as phased projects*)

Check one: EXPEDITED ☐ **STANDARD** ☒

If an Expedited Review Process being requested, be advised that the Expedited Review is not available for all projects. Refer to Section D - Expedited Review Process of the ESCGP-3 NOI Instructions to determine if the project is eligible.

SECTION B. CLIENT INFORMATION

Applicant's Last Name (If applicable)	First Name	MI	Telephone No.
Organization Name or Registered Fictitious Name Transcontinental Gas Pipe Line Company, LLC (Contact: Joseph Dean)			Telephone No. (713) 215-3427
DEP Client ID No.			
Headquarters Mailing Address 2800 Post Oak Blvd, Level 11	City Houston	State TX	ZIP Code 77056
Email Address Joseph.Dean@williams.com			
Co-Applicant's Last Name (If applicable)	First Name	MI	Telephone No.
Organization Name or Registered Fictitious Name			Telephone No.

Address	City	State	ZIP Code
Email Address			

SECTION C. SITE INFORMATION			
Is there an existing ESCGP associated with this site? ☐ Yes ☒ No If yes, Permit No. _____			
Has a well permit application been submitted for this site? ☐ Yes ☒ No If yes, Permit No. _____ Does this site have a 911 address? ☐ Yes ☒ No If yes, provide site location address.			
Site Name Regional Energy Access Expansion Project			
Site Location See Attachment 1-1.1- NOI Supporting Information	Site No. (if another permit has been issued for the site)		
Site Location – City See Attachment 1-1.1- NOI Supporting Information		State PA	ZIP Code
Detailed Written Directions to Site See Attachment 1-1.1- NOI Supporting Information for locations of all project sites			

Primary Location	County	Municipality	City	Boro	Twp.
	Luzerne, Northhampton, Bucks, Chester, and Monroe	Buck, Bear Creek, Plains, Jenkins, Kingston, Lower Mt. Bethel, Ross, Chestnut Hill, Tunkhannock, Lower Makefield, East Whiteland and Dallas Townships Wyoming, West Wyoming, and Laflin Boroughs	☐	☒	☒

SECTION D. EXPEDITED REVIEW	
I. Expedited Review Eligibility	
1. Is any part of the project in the watershed of a surface water with an existing or designated use of exceptional value or high quality pursuant to Chapter 93 (relating to water quality standards), in an exceptional value wetland in accordance with 25 Pa. Code § 105.17, or in the watershed of an impaired surface water where the cause of the impairment is identified as siltation?	☒ Yes ☐ No
2. Will the project in which the well pad will be constructed be in or on a floodplain?	☐ Yes ☒ No
3. Is any earth disturbance located or proposed to be located on land known to be contaminated by the release of regulated substances as defined in Section 103 of Act 2, 35 P.S. § 6026.103?	☐ Yes ☒ No
4. Will naturally occurring geologic formations or soil conditions provide hazards to the project or surrounding environment or have the potential to cause or contribute to pollution when disturbed?	☒ Yes ☐ No
5. Do any unresolved non-compliance issues exist with the applicant or the facility?	☐ Yes ☒ No
6. Is the project a transmission project?	☒ Yes ☐ No

If yes to any of the above questions the project is not eligible for Expedited Review; If the project is eligible for Expedited Review, all the following items must be completed.	
II. Expedited Review Process	
1. Is the technically and administratively complete and accurate NOI package prepared and certified by a licensed professional?	☐ Yes ☐ No
2. Are E&S and PCSM/Site Restoration Plan drawings and narrative prepared and sealed by a licensed professional? *(Include interim restoration details when needed)*	☐ Yes ☐ No
3. Include a Resource Delineation Report and answer the following questions: (If the answer to question a. is "Yes" then skip to #4. If the answer to a. is "No" the applicant must answer "Yes" to at least one of the questions, b. through d. to be eligible for expedited review.)	
a. Were all wetland resources delineated during the growing season?	☐ Yes ☐ No
b. If not during the growing season, was a follow-up visit conducted during the growing season to verify/adjust boundaries and look for potentially missed resources?	☐ Yes ☐ No
c. Was a quality assurance field review conducted at a later date by an independent qualified wetland professional to verify boundaries and look for potentially missed resources? (If yes, attach Quality Assurance Field Review Report)	☐ Yes ☐ No
d. Was a Jurisdictional Determination (JD) or Preliminary JD conducted by the US Army Corps of Engineers on the whole project? (If yes, attach Preliminary or Jurisdictional Determination Report)	☐ Yes ☐ No
4. If applicable, have you included PNDI clearance letters or other documentation from applicable resource agencies?	☐ Yes ☐ No
5. If the project site contains, is along, or within 100 feet of a river, stream, creek, lake, pond or reservoir, will you establish new or preserve existing riparian forest buffer at least 100 feet in width between the top of streambank or normal pool elevation of a lake, pond or reservoir and areas of earth disturbances. If no, will a waiver be obtained? ☐ Yes ☐ No	☐ Yes ☐ No
6. Name of Licensed Professional Company	
Address	
Phone	

SECTION E. PROJECT INFORMATION			
1. Total Project Area/Project Site (Ac):	1,346 (Also see Attachment 1-1.1)	Total Disturbed Area (Ac):	689.8 (Also see Attachment 1-1.1)
Increased disturbed acreage *(for permit modification only)*			
Fee: ***(For additional information regarding fees, refer to NOI Instructions #3 Permit NOI Filing Fees.)***			$ $500 (Filing Fee), $69,000 (Disturbed Acre Fee)
2. Project Name: Regional Energy Access Expansion Project			

3. Project Type (Check all that apply)

- ☐ Oil/Gas Well [1]
- ☐ Gathering Facility
- ☐ Treatment Facility
- ☒ Compressor Station
- ☒ Pipeline
- ☐ Storage Field Facility
- ☐ Other
- ☒ Transmission Facility
- ☐ Processing Facility
- ☐ Well Development Impoundment
- ☐ Non-FERC regulated Transmission Facility
- ☐ Ground/Surface Water Withdrawal Site

[1] If Oil/Gas Well; is the well conventional or unconventional? ☐ Conventional ☐ Unconventional

Project Description

Transco, indirectly owned by The Williams Companies, Inc. (Williams), is seeking authorization from the Federal Energy Regulatory Commission (FERC or Commission) under Section 7(c) of the Natural Gas Act and Part 157 of the Commission's regulations, to construct, own, operate, and maintain the proposed Project facilities

The Project is an expansion of Transco's existing natural gas transmission system that will enable Transco to provide an incremental 829,400 dekatherms per day (Dth/d) of year-round firm transportation capacity from the Marcellus Shale production area in northeastern Pennsylvania (PA) to multiple delivery points along Transco's Leidy Line in PA, Transco's mainline at the Station 210 Zone 6 Pooling Point in Mercer County, New Jersey (NJ) and multiple delivery points in Transco's Zone 6 in NJ, PA, and Maryland (MD). The Project will consist of the following components:
•Approximately 22.3 miles of 30-inch-diameter pipeline partially collocated with Transco's Leidy Line A from milepost (MP) 0.00 to MP 22.32 in Luzerne County, PA (Regional Energy Lateral);
• Approximately 13.8 miles of 42-inch-diameter pipeline collocated with Transco's Leidy Line System from MP 43.72 to MP 57.50 in Monroe County, PA (Effort Loop);
• New gas-fired turbine driven compressor station identified as Compressor Station 201 with 11,107 nominal horsepower (HP) at International Organization of Standardization (ISO) conditions in Gloucester County, NJ;
• Addition of two gas-fired turbine driven compressor units with 31,800 nominal HP at ISO conditions at existing Compressor Station 505 in Somerset County, NJ, to accommodate the abandonment and replacement of approximately 16,000 HP from eight existing internal combustion engine-driven compressor units and increase the certificated station compression by 15,800 HP;
• Addition of two gas-fired turbine driven compressor units with 63,742 nominal HP at ISO conditions and modification of three existing compressors at existing Compressor Station 515 in Luzerne County, PA to support the Project and to accommodate the abandonment and replacement of approximately 17,000 HP from five existing gas-fired reciprocating engine driven compressors and increase the certificated station compression by 46,742 HP;
• Uprate and rewheel two existing electric motor-driven compressor units at existing Compressor Station 195 in York County, PA to increase the certificated station compression by 5,000 HP and accommodate the abandonment of two existing gas-fired reciprocating engine driven compressors which total approximately 8,000 HP of compression;
•Modifications at existing Compressor Station 200 in Chester County, PA;
•Uprate one existing electric motor-driven compressor unit at Compressor Station 207 in Middlesex County, NJ to increase the certificated station compression by 4,100 HP;
• Modifications to three (3) existing pipeline tie-ins in PA (Hildebrandt Tie-in, Lower Demunds REL Tie-in, and Carverton Tie-in);
•Addition of regulation controls at an existing valve setting on Transco's Mainline "A" in Bucks County, PA (Mainline A Regulator);
•Modifications at the existing Delaware River Regulator in Northampton County, PA;
•Modifications at the existing Centerville Regulator in Somerset County, NJ;
•Modifications to the existing valves and piping at the Princeton Junction (Station 210 Pooling Point) in Mercer County, NJ;
• Modifications to three (3) existing delivery meter stations in NJ (Camden M&R Station, Lawnside M&R Station, and Mt. Laurel M&R Station);
•Modifications to one (1) existing delivery meter station in MD (Beaver Dam M&R Station);
•Contractual changes (no modifications) at ten (10) existing delivery meter stations in PA and NJ (Algonquin-Centerville Meter Station, Post Road Meter Station, New Village Meter Station, Spruce Run Meter Station, Marcus Hook Meter Station, Ivyland Meter Station, Repaupo Meter Station, Morgan Meter Station, Lower Mud Run Meter Station, and Chesterfield Meter Station);
• Additional ancillary facilities, such as mainline valves (MLVs), cathodic protection, communication facilities, and internal inspection device (e.g., pig) launchers and receivers in PA; and
• Existing, improved, and new access roads and contractor yards/staging areas in PA, NJ, and MD.
Provide the date of pre-application meeting (if conducted with the Department) 04/27/20, 07/09/20, 09/04/20, 09/30/20, 12/15/20, 12/16/20, 01/06/21, 02/05/21

4. Provide the latitude and longitude coordinates for the center of the project. The coordinates should be in Decimal degrees and North American Datum 1983. The coordinates must meet the current DEP policy regarding locational accuracy. For linear projects provide the project's termini. See Attachment 1-1.1

Latitude (DD) . Longitude (DD) - .

Latitude (DD) . Longitude (DD) - .

Horizontal Collection Method: ☐ GPS ☒ Interpolated from U.S.G.S. Topographic Map ☐ DEP's eMAP

5. U.S.G.S. 7.5 min. topographic quadrangle Name (See Attachment 1-1.1)
(*Include a copy of the project area on the 7.5 min quad map)*

6. Will the project be conducted as a phased permit project? ☐ Yes ☒ No
If Yes, Include Master Site Plan Estimated Timetable for Phased Projects. ☐ Additional sheet(s) attached.

Phase No. or Name	Description	Total Area	Disturbed Area	Start Date	End Date

7. List existing and previous land use for a minimum of the previous 5 years. (See Section 2 of this ESCGP-3 Application)

8. Other Pollutants: Will the stormwater discharge contain pollutional substances other than sediment? ☐ Yes ☒ No

9. Will fuels, chemicals, solvents, other hazardous waste or materials be used or stored on site during earth disturbance activities or will Horizontal Directional Drilling (HDD) activities be conducted?
Yes ☒ No ☐ ***(If yes, Preparedness, Prevention and Contingency (PPC) Plan must be maintained on site during earth disturbance. See NOI Instructions, E.9 PPC Plan Guidance for further information.)***

10. Is the project in the watershed of an impaired surface water where the cause of the impairment is identified as siltation?
Yes ☒ No ☐ (See Section 2-5 of this ESCGP-3 Application) ***(If yes, show how the project will not result in a net change in volume, rate or water quality. See section I below, and E.10 of NOI instructions.)***

11. Are there potentially hazardous naturally occurring geological or soil conditions in any portion of the project or surrounding area? Yes ☒ No ☐

If yes, do the potentially hazardous geologic or soil conditions have the potential to cause or contribute to pollution as a result of the proposed earth disturbance activities?

If no, provide an explanation.

If yes, Geologic Hazard Mitigation Plan must be attached and explain where in this application details are provided.

12. Has the Act 14 Municipal Notification and proof of receipt of notification been attached to the NOI?
Yes ☒ No ☐ ***(If not, the NOI is not complete, see E.12 and #4 Municipal Notification in the NOI Instructions for additional guidance.)***

13. Has the PNDI receipt been attached to the NOI?
Yes ☒ No ☐ ***(If not, the NOI is not complete, see E.13 and #5 PNHP in the NOI Instructions for additional guidance.)***

14. Have the E&S Plan and PCSM/SR Plan been planned and designed to be consistent?
Yes ☒ No ☐

15. Have existing and/or proposed Riparian Forest Buffers been identified?
Yes ☒ N/A ☐ ***(If yes, they must be shown on the E&S Plan as well as the PCSM/SR Plans.)***

16. Have antidegradation implementation requirements for special protection waters been addressed?
Yes ☒ No ☐ N/A ☐ ***(If yes, antidegradation requirements must be included in the plan.)***

17. Has the seasonal high groundwater level been identified and 20-inch separation established at all excavation locations for pits for conventional operations and Well Development Impoundments for unconventional operations?

    Yes ☐ No ☐ N/A ☒

18. Receiving Waters	Chapter 93, Designated Use Stream Classification	Chapter 93, Existing Use Stream Classification
Effort Loop- Lake Creek (HQ-CWF,MF) Princess Run (CWF,MF) Weir Creek (CWF,MF) McMichael Creek (EV, MF) and (HQ-CWF) Pohopoco Creek (CWF,MF) Sugar Hollow Creek (CWF,MF) Poplar Creek (EV,CWF,MF) Mud Run (HQ-CWF, MF) Mud Pond Run (HQ-CWF,EV,MF) Tunkhannock Creek (HQ-CWF,MF) Regional Energy Lateral- Stony Run (HQ-CWF,MF) Shades Creek (HQ-CWF,MF) Little Shades Creek (HQ-CWF,MF) Snider Run (HQ-CWF,MF) Meadow Run (HQ-CWF,MF) Bear Creek (HQ-CWF,MF) Little Bear Creek (HQ-CWF,MF) Mill Creek (CWF,MF) Gardner Creek (CWF,MF) Susquehanna River (WWF,MF) Abrahams Creek (CWF,MF) Toby Creek (CWF,MF) Trout Brook (CWF,MF) Compressor Station 515- Shades Creek (HQ-CWF,MF) Stony Run (HQ-CWF,MF) Compressor Station 200- Valley Creek (EV,MF) Delaware River Regulator- Mud Run (CWF, MF) Mainline "A" Regulator - Dyers Creek (WWF,MF) See Attachment 1-1.1 for detailed list.	☒ HQ ☒ EV ☒ Other CWF, MF, WWF ☒ Siltation-impaired	☐ HQ ☒ EV ☒ Other MF ☐ Siltation-impaired
	☐ HQ ☐ EV ☐ Other _____ ☐ Siltation-impaired	☐ HQ ☐ EV ☐ Other _____ ☐ Siltation-impaired

	☐ HQ ☐ EV ☐ Other _____ ☐ Siltation-impaired ☐ HQ ☐ EV ☐ Other _____ ☐ Siltation-impaired	☐ HQ ☐ EV ☐ Other _____ ☐ Siltation-impaired ☐ HQ ☐ EV ☐ Other _____ ☐ Siltation-impaired
Secondary Receiving Water	Secondary Chapter 93, Designated Use	Secondary Existing Use
Name of Municipal or Private Separate Storm Sewer Operator, if applicable.		
Non-Surface Receiving Water: (include off-site discharges)		

SECTION F. EROSION AND SEDIMENT CONTROL (E&S) PLAN

See the attached Instructions for additional guidance with E&S Plans

Erosion and Sediment Control Plan BMPs should be designed to minimize accelerated erosion and sedimentation through limiting the extent and duration of earth disturbance, protection of existing drainage and vegetation, limiting soil compaction and controlling the generation of increased runoff. The Department recommends the use of the *Pennsylvania Erosion & Sedimentation Pollution Control Program Manual (E&S Manual)* (363-2134-008) to achieve this goal. The E&S Plan must meet the requirements of Pa. Code § 102.4(b) and submitted with the NOI. Also, see section 2. of the NOI instruction for detailed information on completing the E&S plan and additional requirements.

a. E&S Plan Summary

Provide a summary of proposed E&S BMPs and their performance to manage E&S for the project.

Typical BMPs provided along the pipeline Right-Of-Way includes waterbars, trench plugs, compost filter socks, compost sediment traps, rock filter outlets, erosion control blankets, rock construction entrances, temporary equipment bridges, timber mats, diversion channels, level spreaders, mulch and seed. An appropraite sediment removal device (filter bag, dewatering structure) and well-vegetated area will be utilized for trench dewatering. In HQ, EV watersheds, appropriate Antidegradation Best Available Combination of Technologies (ABACT) BMPs will be utilized. Additional information regarding all the proposed BMPs are provided in the Erosion and Sedimentation Control and Site Restoration Plans of respective project components (Section 2 of this ESCGP-3 Application).

b. E&S Plan BMP Design

Check those that apply:

☒ E&S Plan is designed using BMPs in the *E&S Manual*.

☐ E&S Plan is designed using an alternative BMP or design standard approved by DEP.

Note: NOI packages submitted with alternate BMPs not approved by the Department will be returned to the Applicant.

c. Do you have any information regarding riparian buffer which differs from Section G, Riparian Buffer?

Yes ☐ No ☒

Explain:

d. Thermal Impacts Analysis

Explain how thermal impacts associated with this project were avoided, minimized, or mitigated.

Thermal impacts associated with Regional Energy Access Expansion Project will be avoided to the maximum extent possible. Minimum permanent changes in land cover are being proposed for constructing the pipeline facilities. Runoff from impervious areas added during the project will be suitably routed to Stormwater BMPs. Gravel will be used for access roads wherever practicable. To avoid thermal impacts arising from clearing and grading, removal of vegetation will be limited to only that necessary for construction and construction Right-Of-Way will be limited to 75 feet in wetlands and floodways where practical. Once construction activities are complete, disturbed areas will be restored to pre-construction contours and seeded as described in Erosion and Sediment Control and Site Restoration Plans. Temporary workspaces will be restored back with woody and herbaceous species. Thermal impacts assessments corresponding to each project component including pipelines and aboveground facilities are given in Section 2 and 3 of this ESCGP-3 Application.

e. Off-Site Discharge Analysis

Does the activity propose any off-site discharges to areas other than surface waters? ☒ Yes ☐ No

If yes, it is the applicant's responsibility to ensure that they have legal authority for any off-site discharge to neighboring properties.

The applicant must provide a demonstration in both E&S and PCSM/SR plans that the discharge will not cause erosion, damage, or a nuisance to off-site properties.

See Offsite Discharge Analysis Sections in E&S Narratives

SECTION G. RIPARIAN BUFFER

1. Will you be protecting, converting or establishing a voluntary riparian forest buffer as part of this project?
   ☐ Yes ☒ No
   If yes, as part of the PCSM/SR Plan, provide a Buffer Management Plan.
2. Will proposed earth disturbance activities be conducted in an EV or HQ watershed AND within 150 feet of a perennial or intermittent river, stream, or creek, or lake, pond, or reservoir? ☒ Yes ☐ No

   If no, proceed to the next section/module.
3. Does this project qualify for an exception (see § 102.14(d)(1))? ☒ Yes ☐ No

   If yes, indicate below the type of project for which the exception applies by marking the appropriate box.

   ☐ Oil and gas activities for which site reclamation or restoration is part of the permit authorization in Chapter 78 and 78a.

   ☒ Road maintenance activities.

   ☐ The repair or maintenance of existing pipelines and utilities.

   ☐ Other (see §102.14(d)(1))

   If exceptions are checked, explain how existing riparian buffer will be undisturbed to the extent practicable. Provide a demonstration that the requirements of §102.14(b) are met, or provide the necessary information to request a riparian buffer waiver.
4. Are you requesting a riparian buffer waiver for this project (see § 102.14(d)(2))? ☒ Yes ☐ No

   If yes, indicate below the type of project for which you are requesting a waiver by marking the appropriate box.

   ☒ Linear project that may include pipelines, public roadways, rail lines, or utility lines.

   ☒ Project is of a temporary nature where the site will be fully restored to its preexisting conditions during the ESCGP permit term.

   ☒ Project where compliance with mandatory riparian buffers is not appropriate or feasible due to site characteristics or existing structures at the project site.

   ☐ Other (see §102.14(d)(2)):

   If waivers are checked, explain how existing riparian buffers will be undisturbed to the extent practicable.

   Note: If “Yes” to #2 **AND** “No” to #3 and #4, provide an attachment to demonstrate how the requirements of §102.14 are met.

SECTION H. POST CONSTRUCTION STORMWATER MANAGEMENT (PCSM) AND/OR SITE RESTORATION(SR) PLAN

See NOI Instructions for additional guidance with PCSM Plans

PCSM/SR BMPs should be designed to use natural measures to eliminate pollution, infiltrate runoff, not require extensive construction/maintenance, promote pollutant reduction, and preserve the integrity of stream channels. All PCSM/SR BMPs proposed in the PCSM/SR Plan must be designed in accordance with Ch. 102, Ch. 78a for unconventional operations, Ch. 78 for conventional operations and the *Pennsylvania Stormwater Best Management Practices Manual (Stormwater BMP Manual)* (363-0300-002). If alternate design criteria are utilized for the proposed project, they must have prior approval by the Department, or the NOI Application will be returned to the Applicant.

After construction is completed, how much of the entire disturbed area will be restored to meadow in good condition or better, or existing conditions? ☐ All ☒ Partial ☐ None

Include PCSM narrative and drawings for remaining impervious area. Also include a map showing the proposed contours of the site restoration plan.

If there are additional stages of the project prior to permit termination or expiration, list the stages and provide the documents required by subsection 'a' to section 'g' for each stage (e.g. partial restoration or changes to the amount of compacted areas, gravel, and/or impervious areas). Upload a narrative for each additional stage in addition to the drawings.

EXAMPLE

Stage No	Stage Name	PCSM Plan	SR Plan
Stage 1		☐	☐
Stage 2		☐	☐
Stage 3		☐	☐
Stage 4		☐	☐

Act 167 Consistency. Check those that apply.

Is there an Act 167 Plan? ☒ Yes ☐ No

☒ The attached PCSM/SR Plan is consistent with an applicable approved Act 167 Plan.

Complete the following for all approved Act 167 Stormwater Management Plans. (Use additional sheets if necessary)

Act 167 Plan Name	Date Adopted	Consistency Letter Included	
Luzerne County Stormwater Management Ordinance	August 18, 2010	Verification Report Included	☒
Valley Creek Watershed Stormwater Management Plan	February 04, 2011		

Note: A consistency letter is not required if a verification report is provided. See NOI Instructions. The PCSM/SR Plan must satisfy either sub paragraph 1, 2, or 3 below. Check those that apply.

1. ☒ Act 167 Plan approvals on or after January 2005 – The attached PCSM/SR Plan, in its entirety, is consistent with all requirements pertaining to rate, volume, and water quality from an Act 167 Stormwater Management Plan approved by DEP on or after January 2005. Box 1 must be checked if a current, DEP approved Act 167 plan exists.

2. ☒ The PCSM/SR Plan meets the standard design criteria from sections 102.8(g)(2) and (3) and the *Stormwater BMP Manual*. For projects involving oil and gas activities authorized by a permit issued under Chapter 78 or Chapter 78a (well pads) or pipelines and other similar utility infrastructure, post construction stormwater management requirements are met for all areas that are restored to preconstruction conditions or to a condition of meadow in good condition or better. *[Note: PCSM plans must meet both the volume and rate requirements in the regulations, which are provided in the 2 sections mentioned in this paragraph].*

3. ☐ Alternative Design Standard – The attached PCSM/SR Plan was developed using approaches as provided in 102.8(g)(2)(iv) and 102.8(g)(3)(iii). Demonstrate/explain in the space provided below how this standard will be either more protective than what is required in 102.8(g)(2) and 102.8(g)(3) or will maintain and protect existing water quality and existing and designated uses.

PCSM/SR BMP Alternative Standards:

Has the alternative BMP or design standard been approved by the Department?

☐ Yes

☐ No – Do not submit the ESCGP-3 application and see Section (H) of the NOI Instructions concerning the alternative BMP approval process.

Water Quality Compliance:

Does the PCSM/SR plan comply with requirements for volume control? ☒ Yes ☐ No

If yes, is at least 90% of the disturbed area controlled by a PCSM BMP? ☒ Yes ☐ No

If yes, do you have the Standard PCSM Worksheet # 10 attached to show water quality compliance has achieved?
☒ Yes ☐ No

If no, attach Standard PCSM Worksheets # 12 and #13 to show water quality compliance has achieved.

If PCSM/SR plan is not complying with the requirements for volume control, attach Standard PCSM Worksheets # 11, # 12 and #13 to show water quality compliance has achieved.

a. PCSM/SR Plan Summary

Provide a summary of proposed BMPs and their performance to manage PCSM/SR for the project.

Along the pipeline Right-Of-Way, typical E&S BMPs such as waterbars and erosion control blanket will be left in place as part of site restoration. After construction activities are completed, temporary workspaces will be restored to meadow in good condition or better than existing conditions. For the aboveground facilities, PCSM BMPs such as infiltration basins, diversion channels and vegetated swales will be used and left in place as part of site restoration. Additional information regarding all the proposed BMPs are provided in the Post-Construction Stormwater Management Plans of respective project components (Section 3 of this ESCGP-3 Application).

Check all that apply ☒ PCSM BMPs ☒ SR BMPs

b. Do you have any information regarding riparian buffer which differs from what was submitted in the Section G, Riparian Buffer?

☐ Yes ☒ No

Explain:

c. Thermal Impacts Analysis

Explain how thermal impacts associated with this project were avoided, minimized, or mitigated.

Runoff collected in PCSM BMPS such as infiltration basins will mitigate thermal impacts from post construction stormwater. Runoff collected in infiltration basins are discharged to receiving waters are not expected to be retained for more than 24 hours. Minimum permanent changes in land cover are being proposed for constructing the pipeline facilities. Gravel will be used for access roads wherever practicable. Removal of trees and riparian vegetation and addition of impervious surfaces will be limited to only that necessary for construction. Once construction activities are complete, disturbed areas will be restored to pre-construction contours and seeded as described in Erosion and Sedimental Control and Site Restoration Plans. Temporary workspaces will be restored back with woody and herbaceous species. Thermal impacts assessments correspoding to each project component including pipelines and aboveground facilities are given in Section 2 and 3 of this ESCGP-3 Application.

d. Off-Site Discharge Analysis.

Does the activity propose any off-site discharges to areas other than surface waters? ☒ Yes ☐ No

If yes, it is the applicant's responsibility to ensure that they have legal authority for any off-site discharge to neighboring properties.

The Applicant must provide a demonstration in both the E&S and PCSM/SR Plans that the discharge will not cause erosion, damage, or a nuisance to off-site properties.

See Offsite Discharge Analysis Sections in PCSM Narratives

NOI Section H. POST CONSTRUCTION STORMWATER MANAGEMENT (PCSM) PLANS

Summary Calculations of Post Construction Stormwater BMPs

1. Regional Energy Lateral Pipeline - MLV-515RA20
2. Regional Energy Lateral Pipeline - MLV-515RA30
3. Regional Energy Lateral Pipeline - Carverton Tie-in
4. Regional Energy Lateral Pipeline - Lower Demunds REL Tie-in
5. Regional Energy Lateral Pipeline – Hildebrandt Tie-in/MLV-515RA40
6. Effort Loop Pipeline - MLV-505LD86
7. Compressor Station 200
8. Compressor Station 515

NOTICE OF INTENT (NOI) FOR COVERAGE UNDER THE EROSION AND SEDIMENT CONTROL GENERAL PERMIT (ESCGP-3) FOR EARTH DISTURBANCE ASSOCIATED WITH OIL AND GAS EXPLORATION, PRODUCTION, PROCESSING, OR TREATMENT OPERATIONS OR TRANSMISSION FACILITIES

TABLES IN ADDENDUM OF NOI

SECTION H. POST CONSTRUCTION STORMWATER MANAGEMENT (PLAN) BMPs

Regional Energy Lateral Pipeline - MLV-515RA20 - Zenker Valve Yard

e. Summary Table for Supporting Calculation and Measurement Data
(See NOI Instructions for additional guidance with this section)

The remainder of this section (Summary Table for Calculation and Measurement Data) does not need to be completed for areas of projects involving oil and gas activities authorized by Chapter 78 or Chapter 78a (well pads) or pipelines and other similar utility infrastructure which will be restored to meadow in good condition or better or existing conditions.

Watershed Name: Mill Creek

Volume Control design storm frequency 2-year Rainfall amount 2.95 inches	Pre-construction	Post Construction	Net Change
Impervious area (acres)	0.00	0.19	+0.19
Volume of stormwater runoff (acre-feet) without planned stormwater BMPs	0.04	0.06	+0.02
Volume of stormwater runoff (acre-feet) with planned stormwater BMPs		0.03	-0.01
Stormwater discharge rate for the design frequency storm	Pre-construction	Post Construction	Net Change
1) 2-Year/24-Hour	3.51	3.22	-0.29
2) 10-Year/24-Hour	6.82	6.17	-0.65
3) 50-year/24-Hour	11.88	11.12	-0.76
4) 100-year/24-Hour	14.91	14.91	-0.00

f. Summary Description of PCSM/SR BMPs

In the lists below, check the BMPs identified in the PCSM Plan. The primary function(s) of the BMP listed in the functions column (infiltration/recharge; detention/retention; water quality). Additional functions may be added if applicable to that BMP. List the stormwater volume and area of runoff to be treated by each BMP type when calculations are required. If any BMP in the PCSM/SR Plan is not listed below, describe it in the space provided after "Other". A summary table with infiltration testing information (Attachment E, included in the NOI Instructions) must be submitted for all Bio-infiltration BMPs included in PCSM/SR plan.

For Rate control provide the volume of stormwater treated and acres treated for the 100-year/24-hour storm event.

For volume control and water quality provide the volume of stormwater treated and acres treated for the 2-year/24-hour storm event.

Key for BMP purpose(s): VC = Volume Control; RC = Rate Control; and WQ = Water Quality

BMP	Function(s)	Purpose(s)	Volume of stormwater treated	Acres treated
Site Restoration ONLY				
☐ Restore Site to Meadow in Good Condition or Better, or Existing Conditions	Infiltration/Recharge Detention/WQ Treatment	☐ VC ☐ RC ☐ WQ	_____	_____
Bio-infiltration areas	Infiltration/Recharge			
☐ Infiltration Trench		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Infiltration Bed		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Infiltration Basin		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Rain Garden/ Bioretention		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Infiltration Berm				
☐ Vegetated Swale		☐ VC ☐ RC ☐ WQ	_____	_____
Natural Area Conservation	Infiltration/Recharge			
☐ Streamside Buffer Zone		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Wetland Buffer Zone		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Sensitive Area Buffer Zone		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Pre-Construction Drainage Pattern Intact		☐ VC ☐ RC ☐ WQ	_____	_____
Stormwater Retention	Detention/Retention			
☐ Constructed Wetlands		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Wet Ponds		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Retention Basin		☐ VC ☐ RC ☐ WQ	_____	_____
Sediment and Pollutant Removal	Water Quality Treatment			
☐ Vegetated Filter Strips		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Compost Filter Sock		☐ VC ☐ RC ☐ WQ	_____	_____
☒ Detention Basins		☒ VC ☒ RC ☒ WQ	1,396cf(2-yr); 6,186cf(100-yr)	0.28
Access Road Design	Infiltration/Recharge			
☐ Road Crowning		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Ditches		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Turnouts		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Culverts		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Roadside Vegetated Filter Strips		☐ VC ☐ RC ☐ WQ	_____	_____

Stormwater Energy Dissipaters	Infiltration/Recharge			
☐ Level Spreaders		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Riprap Aprons		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Upslope Diversions		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Other_____		☐ VC ☐ RC ☐ WQ	_____	_____

g. Critical PCSM Plan stages

Identify and list critical stages of implementation of the PCSM Plan for which a licensed professional or designee shall be present on site.

1. Upon commencement of construction activities to ascertain the Dry Extended Detention Basin area has been flagged and fence erected to prevent access to the area.

2. At completion of Diversion Channels to ensure they have been constructed to the proposed lines and grades, the specified lining materials have been installed in accordance with the requirements of the plans and specifications, and if applicable, vegetation has been established.

3. At the beginning of construction of the Dry Extended Detention Basin to ensure the infiltration area has not been compacted by construction activities.

4. During construction of the Dry Extended Detention Basin the licensed professional will observe that the BMP is constructed in accordance with the plans and specifications.

5. At completion of Collection Channel C1 to ensure it has been constructed to the proposed line and grade, the specified lining material has been installed in accordance with the requirements of the plans and specifications, and if applicable, vegetation has been established.

6. Following installation of the Valve Yard Pad subgrade to ensure stormwater flow is directed to Collection Channel C1.

7. For final inspection of constructed BMPs.

8. At the establishment of hard surface stabilization or 70% vegetation covers to allow removal of E&S controls.

NOTICE OF INTENT (NOI) FOR COVERAGE UNDER THE EROSION AND SEDIMENT CONTROL GENERAL PERMIT (ESCGP-3) FOR EARTH DISTURBANCE ASSOCIATED WITH OIL AND GAS EXPLORATION, PRODUCTION, PROCESSING, OR TREATMENT OPERATIONS OR TRANSMISSION FACILITIES

TABLES IN ADDENDUM OF NOI

SECTION H. POST CONSTRUCTION STORMWATER MANAGEMENT (PLAN) BMPs

Regional Energy Lateral Pipeline - MLV-515RA30 - Wyoming Valve Yard

b. Summary Table for Supporting Calculation and Measurement Data

(See NOI Instructions for additional guidance with this section)

The remainder of this section (Summary Table for Calculation and Measurement Data) does not need to be completed for areas of projects involving oil and gas activities authorized by Chapter 78 or Chapter 78a (well pads) or pipelines and other similar utility infrastructure which will be restored to meadow in good condition or better or existing conditions.

Watershed Name: Susquehanna-Solomon Creek

Volume Control design storm frequency 2-year Rainfall amount 2.57 inches	Pre-construction	Post Construction	Net Change
Impervious area (acres)	0.00	0.24	+0.24
Volume of stormwater runoff (acre-feet) without planned stormwater BMPs	0.03	0.06	+0.03
Volume of stormwater runoff (acre-feet) with planned stormwater BMPs	[redacted]	0.03	-0.00
Stormwater discharge rate for the design frequency storm	Pre-construction	Post Construction	Net Change
1) 2-Year/24-Hour	0.22	0.02	-0.20
2) 10-Year/24-Hour	0.68	0.03	-0.65
3) 50-year/24-Hour	1.52	0.06	-1.46
4) 100-year/24-Hour	2.06	0.07	-1.99

c. Summary Description of PCSM/SR BMPs

In the lists below, check the BMPs identified in the PCSM Plan. The primary function(s) of the BMP listed in the functions column (infiltration/recharge; detention/retention; water quality). Additional functions may be added if applicable to that BMP. List the stormwater volume and area of runoff to be treated by each BMP type when calculations are required. If any BMP in the PCSM/SR Plan is not listed below, describe it in the space provided after "Other". A summary table with infiltration testing information (Attachment E, included in the NOI Instructions) must be submitted for all Bio-infiltration BMPs included in PCSM/SR plan.

For Rate control provide the volume of stormwater treated and acres treated for the 100-year/24-hour storm event.

For volume control and water quality provide the volume of stormwater treated and acres treated for the 2-year/24-hour storm event.

Key for BMP purpose(s): VC = Volume Control; RC = Rate Control; and WQ = Water Quality

BMP	Function(s)	Purpose(s)	Volume of stormwater treated	Acres treated
Site Restoration ONLY				
☐ Restore Site to Meadow in Good Condition or Better, or Existing Conditions	Infiltration/Recharge Detention/WQ Treatment	☐ VC ☐ RC ☐ WQ	_____	_____
Bio-infiltration areas	Infiltration/Recharge			
☐ Infiltration Trench		☐ VC ☐ RC ☐ WQ	_____	_____
☒ Infiltration Bed		☒ VC ☒ RC ☒ WQ	451cf(2-yr); 2,511cf(100-yr)	0.21
☐ Infiltration Basin		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Rain Garden/ Bioretention		☐ VC ☐ RC ☐ WQ	_____	
☐ Infiltration Berm		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Soil Amendment		☐ VC ☐ RC ☐ WQ	_____	_____
Natural Area Conservation	Infiltration/Recharge			
☐ Streamside Buffer Zone		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Wetland Buffer Zone		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Sensitive Area Buffer Zone		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Pre-Construction Drainage Pattern Intact		☐ VC ☐ RC ☐ WQ	_____	_____
Stormwater Retention	Detention/Retention			
☐ Constructed Wetlands		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Wet Ponds		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Retention Basin		☐ VC ☐ RC ☐ WQ	_____	_____
Sediment and Pollutant Removal	Water Quality Treatment			
☐ Vegetated Filter Strips		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Compost Filter Sock		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Detention Basins		☐ VC ☐ RC ☐ WQ	_____	_____
Access Road Design	Infiltration/Recharge			
☐ Road Crowning		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Ditches		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Turnouts		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Culverts		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Roadside Vegetated Filter Strips		☐ VC ☐ RC ☐ WQ	_____	_____

Stormwater Energy Dissipaters ☐ Level Spreaders ☐ Riprap Aprons ☐ Upslope Diversions ☒ OtherVegetated Swale	Infiltration/Recharge	☐ VC ☐ RC ☐ WQ ☐ VC ☐ RC ☐ WQ ☐ VC ☐ RC ☐ WQ ☒ VC ☒ RC ☒ WQ	_____ _____ _____ 1,009cf(2-yr); 4,264cf(100-yr)	_____ _____ _____ 0.49

d. Critical PCSM Plan stages

Identify and list critical stages of implementation of the PCSM Plan for which a licensed professional or designee shall be present on site.

1. Upon commencement of construction activities to ascertain the Vegetated Swale area has been flagged and fence erected to prevent access to the area.
2. At the beginning of construction of the Vegetated Swale to ensure the infiltration area has not been compacted by construction activities.
3. During construction of the Vegetated Swale the licensed professional will observe that the BMP is constructed in accordance with the plans and specifications.
4. At completion of Collection Channel C1 to ensure it has been constructed to the proposed line and grade, the specified lining material has been installed in accordance with the requirements of the plans and specifications, and if applicable, vegetation has been established.
5. Following installation of the Valve Yard Pad subgrade to ensure stormwater flow is directed to the infiltration berm.
6. For final inspection of constructed BMPs.
7. At the establishment of hard surface stabilization or 70% vegetation covers to allow removal of E&S controls.

NOTICE OF INTENT (NOI) FOR COVERAGE UNDER THE EROSION AND SEDIMENT CONTROL GENERAL PERMIT (ESCGP-3) FOR EARTH DISTURBANCE ASSOCIATED WITH OIL AND GAS EXPLORATION, PRODUCTION, PROCESSING, OR TREATMENT OPERATIONS OR TRANSMISSION FACILITIES

TABLES IN ADDENDUM OF NOI

SECTION H. POST CONSTRUCTION STORMWATER MANAGEMENT (PLAN) BMPs

Regional Energy Lateral Pipeline - Carverton Tie-In

b. Summary Table for Supporting Calculation and Measurement Data

(See NOI Instructions for additional guidance with this section)

The remainder of this section (Summary Table for Calculation and Measurement Data) does not need to be completed for areas of projects involving oil and gas activities authorized by Chapter 78 or Chapter 78a (well pads) or pipelines and other similar utility infrastructure which will be restored to meadow in good condition or better or existing conditions.

Watershed Name: Abrahams Creek

Volume Control design storm frequency 2-year Rainfall amount 2.61 inches	Pre-construction	Post Construction	Net Change
Impervious area (acres)	0.03	0.11	+0.08
Volume of stormwater runoff (acre-feet) without planned stormwater BMPs	0.02	0.03	+0.01
Volume of stormwater runoff (acre-feet) with planned stormwater BMPs	[redacted]	0.00	-0.02
Stormwater discharge rate for the design frequency storm	Pre-construction	Post Construction	Net Change
1) 2-Year/24-Hour	0.46	0.00	-0.46
2) 10-Year/24-Hour	0.91	0.00	-0.91
3) 50-year/24-Hour	1.61	0.00	-1.61
4) 100-year/24-Hour	2.01	0.00	-2.01

c. Summary Description of PCSM/SR BMPs

In the lists below, check the BMPs identified in the PCSM Plan. The primary function(s) of the BMP listed in the functions column (infiltration/recharge; detention/retention; water quality). Additional functions may be added if applicable to that BMP. List the stormwater volume and area of runoff to be treated by each BMP type when calculations are required. If any BMP in the PCSM/SR Plan is not listed below, describe it in the space provided after "Other". A summary table with infiltration testing information (Attachment E, included in the NOI Instructions) must be submitted for all Bio-infiltration BMPs included in PCSM/SR plan.

For Rate control provide the volume of stormwater treated and acres treated for the 100-year/24-hour storm event.

For volume control and water quality provide the volume of stormwater treated and acres treated for the 2-year/24-hour storm event.

Key for BMP purpose(s): VC = Volume Control; RC = Rate Control; and WQ = Water Quality

BMP	Function(s)	Purpose(s)	Volume of stormwater treated	Acres treated
Site Restoration ONLY				
☐ Restore Site to Meadow in Good Condition or Better, or Existing Conditions	Infiltration/Recharge Detention/WQ Treatment	☐ VC ☐ RC ☐ WQ	_____	_____
Bio-infiltration areas	Infiltration/Recharge			
☐ Infiltration Trench		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Infiltration Bed		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Infiltration Basin		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Rain Garden/ Bioretention		☐ VC ☐ RC ☐ WQ	_____	
☒ Infiltration Berm		☒ VC ☒ RC ☒ WQ	1,280cf (2-yr); 4,445cf(100-yr)	0.26
Natural Area Conservation	Infiltration/Recharge			
☐ Streamside Buffer Zone		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Wetland Buffer Zone		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Sensitive Area Buffer Zone		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Pre-Construction Drainage Pattern Intact		☐ VC ☐ RC ☐ WQ	_____	_____
Stormwater Retention	Detention/Retention			
☐ Constructed Wetlands		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Wet Ponds		☒ VC ☒ RC ☒ WQ	_____	_____
☐ Retention Basin		☐ VC ☐ RC ☐ WQ	_____	_____
Sediment and Pollutant Removal	Water Quality Treatment			
☐ Vegetated Filter Strips		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Compost Filter Sock		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Detention Basins		☐ VC ☐ RC ☐ WQ	_____	_____
Access Road Design	Infiltration/Recharge			
☐ Road Crowning		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Ditches		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Turnouts		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Culverts		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Roadside Vegetated Filter Strips		☐ VC ☐ RC ☐ WQ	_____	_____

Stormwater Energy Dissipaters	Infiltration/Recharge			
☐ Level Spreaders		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Riprap Aprons		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Upslope Diversions		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Other_____		☐ VC ☐ RC ☐ WQ	_____	_____

d. Critical PCSM Plan stages

Identify and list critical stages of implementation of the PCSM Plan for which a licensed professional or designee shall be present on site.

1. At the beginning of construction to ascertain the Infiltration Berm area has been flagged and fence erected to prevent access to the area.
2. Following installation of the Valve Yard Pad subgrade to ensure stormwater flow is directed to the infiltration berm.
3. At the beginning of construction of the Infiltration Berm to ensure the infiltration area has not been compacted by construction activities.
4. During construction of the infiltration berm the licensed professional will observe that the berm is constructed in accordance with the plans and specifications.
5. For final inspection of constructed BMPs.
6. At the establishment of hard surface stabilization or 70% vegetation covers to allow removal of E&S controls.

NOTICE OF INTENT (NOI) FOR COVERAGE UNDER THE EROSION AND SEDIMENT CONTROL GENERAL PERMIT (ESCGP-3) FOR EARTH DISTURBANCE ASSOCIATED WITH OIL AND GAS EXPLORATION, PRODUCTION, PROCESSING, OR TREATMENT OPERATIONS OR TRANSMISSION FACILITIES

TABLES IN ADDENDUM OF NOI

SECTION H. POST CONSTRUCTION STORMWATER MANAGEMENT (PLAN) BMPs

Regional Energy Lateral Pipeline - Lower Demunds REL Tie-In

b. Summary Table for Supporting Calculation and Measurement Data

(See NOI Instructions for additional guidance with this section)

The remainder of this section (Summary Table for Calculation and Measurement Data) does not need to be completed for areas of projects involving oil and gas activities authorized by Chapter 78 or Chapter 78a (well pads) or pipelines and other similar utility infrastructure which will be restored to meadow in good condition or better or existing conditions.

Watershed Name: Toby Creek

Volume Control design storm frequency 2-year Rainfall amount 3.40 inches	Pre-construction	Post Construction	Net Change
Impervious area (acres)	0.00	0.12	+0.12
Volume of stormwater runoff (acre-feet) without planned stormwater BMPs	0.02	0.04	+0.02
Volume of stormwater runoff (acre-feet) with planned stormwater BMPs		0.01	-0.01
Stormwater discharge rate for the design frequency storm	Pre-construction	Post Construction	Net Change
1) 2-Year/24-Hour	0.20	0.00	-0.20
2) 10-Year/24-Hour	0.40	0.00	-0.40
3) 50-year/24-Hour	0.71	0.20	-0.51
4) 100-year/24-Hour	0.89	0.51	-0.38

c. Summary Description of PCSM/SR BMPs

In the lists below, check the BMPs identified in the PCSM Plan. The primary function(s) of the BMP listed in the functions column (infiltration/recharge; detention/retention; water quality). Additional functions may be added if applicable to that BMP. List the stormwater volume and area of runoff to be treated by each BMP type when calculations are required. If any BMP in the PCSM/SR Plan is not listed below, describe it in the space provided after "Other". A summary table with infiltration testing information (Attachment E, included in the NOI Instructions) must be submitted for all Bio-infiltration BMPs included in PCSM/SR plan.

For Rate control provide the volume of stormwater treated and acres treated for the 100-year/24-hour storm event.

For volume control and water quality provide the volume of stormwater treated and acres treated for the 2-year/24-hour storm event.

Key for BMP purpose(s): VC = Volume Control; RC = Rate Control; and WQ = Water Quality

BMP	Function(s)	Purpose(s)	Volume of stormwater treated	Acres treated
Site Restoration ONLY				
☐ Restore Site to Meadow in Good Condition or Better, or Existing Conditions	Infiltration/Recharge Detention/WQ Treatment	☐ VC ☐ RC ☐ WQ	_____	_____
Bio-infiltration areas	Infiltration/Recharge			
☐ Infiltration Trench		☐ VC ☐ RC ☐ WQ	_____	_____
☒ Infiltration Bed		☒ VC ☒ RC ☒ WQ	1,481cf(2-yr); 4,356cf(100-yr)	0.17
☐ Infiltration Basin		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Rain Garden/ Bioretention		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Infiltration Berm		☐ VC ☐ RC ☐ WQ	_____	_____
Natural Area Conservation	Infiltration/Recharge			
☐ Streamside Buffer Zone		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Wetland Buffer Zone		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Sensitive Area Buffer Zone		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Pre-Construction Drainage Pattern Intact		☐ VC ☐ RC ☐ WQ	_____	_____
Stormwater Retention	Detention/Retention			
☐ Constructed Wetlands		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Wet Ponds		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Retention Basin		☐ VC ☐ RC ☐ WQ	_____	_____
Sediment and Pollutant Removal	Water Quality Treatment			
☐ Vegetated Filter Strips		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Compost Filter Sock		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Detention Basins		☐ VC ☐ RC ☐ WQ	_____	_____
Access Road Design	Infiltration/Recharge			
☐ Road Crowning		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Ditches		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Turnouts		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Culverts		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Roadside Vegetated Filter Strips		☐ VC ☐ RC ☐ WQ	_____	_____

Stormwater Energy Dissipaters ☐ Level Spreaders ☐ Riprap Aprons ☐ Upslope Diversions ☐ Other_____	Infiltration/Recharge	 ☐ VC ☐ RC ☐ WQ ☐ VC ☐ RC ☐ WQ ☐ VC ☐ RC ☐ WQ ☐ VC ☐ RC ☐ WQ	 _____ _____ _____ _____	 _____ _____ _____ _____

d. Critical PCSM Plan stages

Identify and list critical stages of implementation of the PCSM Plan for which a licensed professional or designee shall be present on site.

1. Upon commencement of construction activities to ascertain the Valve Yard Pad area has been flagged and fence erected to prevent access to the area.
2. At completion of Diversion Berm/Channel to ensure it has been constructed to the proposed lines and grades, the specified lining materials have been installed in accordance with the requirements of the plans and specifications, and if applicable, vegetation has been established.
3. At the beginning of construction of the Valve Yard Pad to ensure the infiltration area has not been compacted by construction activities.
4. During construction of the Valve Yard Pad the licensed professional will observe that the BMP is constructed in accordance with the plans and specifications.
5. Following installation of the Valve Yard Pad subgrade to ensure stormwater flow is directed to the outlet structure.
6. For final inspection of constructed BMPs.
7. At the establishment of hard surface stabilization or 70% vegetation covers to allow removal of E&S controls.

NOTICE OF INTENT (NOI) FOR COVERAGE UNDER THE EROSION AND SEDIMENT CONTROL GENERAL PERMIT (ESCGP-3) FOR EARTH DISTURBANCE ASSOCIATED WITH OIL AND GAS EXPLORATION, PRODUCTION, PROCESSING, OR TREATMENT OPERATIONS OR TRANSMISSION FACILITIES

TABLES IN ADDENDUM OF NOI

SECTION H. POST CONSTRUCTION STORMWATER MANAGEMENT (PLAN) BMPs

Regional Energy Lateral Pipeline – MLV-515RA40-Hildebrandt Tie-In

b. Summary Table for Supporting Calculation and Measurement Data

(See NOI Instructions for additional guidance with this section)

The remainder of this section (Summary Table for Calculation and Measurement Data) does not need to be completed for areas of projects involving oil and gas activities authorized by Chapter 78 or Chapter 78a (well pads) or pipelines and other similar utility infrastructure which will be restored to meadow in good condition or better or existing conditions.

Watershed Name: Toby Creek

Volume Control design storm frequency 2-year Rainfall amount 3.40 inches	Pre-construction	Post Construction	Net Change
Impervious area (acres)	0.0	0.22	+0.22
Volume of stormwater runoff (acre-feet) without planned stormwater BMPs	0.03	0.07	+0.04
Volume of stormwater runoff (acre-feet) with planned stormwater BMPs	[redacted]	0.01	-0.02
Stormwater discharge rate for the design frequency storm	Pre-construction	Post Construction	Net Change
1) 2-Year/24-Hour	0.34	0.20	-0.14
2) 10-Year/24-Hour	0.67	0.38	-0.29
3) 50-year/24-Hour	1.20	0.65	-0.55
4) 100-year/24-Hour	1.52	0.80	-0.72

c. Summary Description of PCSM/SR BMPs

In the lists below, check the BMPs identified in the PCSM Plan. The primary function(s) of the BMP listed in the functions column (infiltration/recharge; detention/retention; water quality). Additional functions may be added if applicable to that BMP. List the stormwater volume and area of runoff to be treated by each BMP type when calculations are required. If any BMP in the PCSM/SR Plan is not listed below, describe it in the space provided after "Other". A summary table with infiltration testing information (Attachment E, included in the NOI Instructions) must be submitted for all Bio-infiltration BMPs included in PCSM/SR plan.

For Rate control provide the volume of stormwater treated and acres treated for the 100-year/24-hour storm event.

For volume control and water quality provide the volume of stormwater treated and acres treated for the 2-year/24-hour storm event.

Key for BMP purpose(s): VC = Volume Control; RC = Rate Control; and WQ = Water Quality

BMP	Function(s)	Purpose(s)	Volume of stormwater treated	Acres treated
Site Restoration ONLY				
☐ Restore Site to Meadow in Good Condition or Better, or Existing Conditions	Infiltration/Recharge Detention/WQ Treatment	☐ VC ☐ RC ☐ WQ	_____	_____
Bio-infiltration areas	Infiltration/Recharge			
☐ Infiltration Trench		☐ VC ☐ RC ☐ WQ	_____	_____
☒ Infiltration Bed		☒ VC ☒ RC ☒ WQ	2,265cf(2-yr); 5,881cf(100-yr)	0.21
☐ Infiltration Basin		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Rain Garden/ Bioretention		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Infiltration Berm				
☐ Vegetated Swale		☐ VC ☐ RC ☐ WQ	_____	_____
Natural Area Conservation	Infiltration/Recharge			
☐ Streamside Buffer Zone		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Wetland Buffer Zone		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Sensitive Area Buffer Zone		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Pre-Construction Drainage Pattern Intact		☐ VC ☐ RC ☐ WQ	_____	_____
Stormwater Retention	Detention/Retention			
☐ Constructed Wetlands		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Wet Ponds		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Retention Basin		☐ VC ☐ RC ☐ WQ	_____	_____
Sediment and Pollutant Removal	Water Quality Treatment			
☐ Vegetated Filter Strips		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Compost Filter Sock		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Detention Basins		☐ VC ☐ RC ☐ WQ	_____	_____
Access Road Design	Infiltration/Recharge			
☐ Road Crowning		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Ditches		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Turnouts		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Culverts		☐ VC ☐ RC ☐ WQ	_____	_____

☐ Roadside Vegetated Filter Strips		☐ VC ☐ RC ☐ WQ	_____	_____
Stormwater Energy Dissipaters	Infiltration/Recharge			
☐ Level Spreaders		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Riprap Aprons		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Upslope Diversions		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Other_____		☐ VC ☐ RC ☐ WQ	_____	_____

d. Critical PCSM Plan stages

Identify and list critical stages of implementation of the PCSM Plan for which a licensed professional or designee shall be present on site.

1. Upon commencement of construction activities to ascertain the Valve Yard Pad area has been flagged and fence erected to prevent access to the area.
2. At completion of Diversion Channel to ensure it has been constructed to the proposed lines and grades, the specified lining materials have been installed in accordance with the requirements of the plans and specifications, and if applicable, vegetation has been established.
3. At the beginning of construction of the Valve Yard Pad to ensure the infiltration area has not been compacted by construction activities.
4. During construction of the Valve Yard Pad the licensed professional will observe that the BMP is constructed in accordance with the plans and specifications.
5. Following installation of the Valve Yard Pad subgrade to ensure stormwater flow is directed to the outlet structure.
6. For final inspection of constructed BMPs.
7. At the establishment of hard surface stabilization or 70% vegetation covers to allow removal of E&S controls.

NOTICE OF INTENT (NOI) FOR COVERAGE UNDER THE EROSION AND SEDIMENT CONTROL GENERAL PERMIT (ESCGP-3) FOR EARTH DISTURBANCE ASSOCIATED WITH OIL AND GAS EXPLORATION, PRODUCTION, PROCESSING, OR TREATMENT OPERATIONS OR TRANSMISSION FACILITIES

TABLES IN ADDENDUM OF NOI

SECTION H. POST CONSTRUCTION STORMWATER MANAGEMENT (PLAN) BMPs

Effort Loop Pipeline-MLV-505LD86 Sugar Hollow Valve Yard

b. Summary Table for Supporting Calculation and Measurement Data

(See NOI Instructions for additional guidance with this section)

The remainder of this section (Summary Table for Calculation and Measurement Data) does not need to be completed for areas of projects involving oil and gas activities authorized by Chapter 78 or Chapter 78a (well pads) or pipelines and other similar utility infrastructure which will be restored to meadow in good condition or better or existing conditions.

Watershed Name: Pohopoco Creek

Volume Control design storm frequency 2-year Rainfall amount 3.26 inches	Pre-construction	Post Construction	Net Change
Impervious area (acres)	0.09	0.62	+0.53
Volume of stormwater runoff (acre-feet) without planned stormwater BMPs	0.35	0.44	+0.09
Volume of stormwater runoff (acre-feet) with planned stormwater BMPs	[redacted]	0.28	-0.07
Stormwater discharge rate for the design frequency storm DA-1	Pre-construction	Post Construction	Net Change
1) 2-Year/24-Hour	0.01	0.01	-0.00
2) 10-Year/24-Hour	0.37	0.31	-0.06
3) 50-year/24-Hour	5.89	4.21	-1.68
4) 100-year/24-Hour	11.47	8.28	-3.19
Stormwater discharge rate for the design frequency storm DA-2	Pre-construction	Post Construction	Net Change
1) 2-Year/24-Hour	4.51	3.97	-0.54
2) 10-Year/24-Hour	12.49	12.28	-0.21
3) 50-year/24-Hour	26.58	24.35	-2.23
4) 100-year/24-Hour	35.41	31.74	-3.67

c. Summary Description of PCSM/SR BMPs

In the lists below, check the BMPs identified in the PCSM Plan. The primary function(s) of the BMP listed in the functions column (infiltration/recharge; detention/retention; water quality). Additional functions may be added if applicable to that BMP. List the stormwater volume and area of runoff to be treated by each BMP type when calculations are required. If any BMP in the PCSM/SR Plan is not listed below, describe it in the space provided after "Other". A summary table with infiltration testing information (Attachment E, included in the NOI Instructions) must be submitted for all Bio-infiltration BMPs included in PCSM/SR plan.

For Rate control provide the volume of stormwater treated and acres treated for the 100-year/24-hour storm event.

For volume control and water quality provide the volume of stormwater treated and acres treated for the 2-year/24-hour storm event.

Key for BMP purpose(s): VC = Volume Control; RC = Rate Control; and WQ = Water Quality

BMP	Function(s)	Purpose(s)	Volume of stormwater treated	Acres treated
Site Restoration ONLY				
☐ Restore Site to Meadow in Good Condition or Better, or Existing Conditions	Infiltration/Recharge Detention/WQ Treatment	☐ VC ☐ RC ☐ WQ	_____	_____
Bio-infiltration areas	Infiltration/Recharge			
☐ Infiltration Trench		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Infiltration Bed		☐ VC ☐ RC ☐ WQ	_____	_____
☒ Infiltration Basin		☒ VC ☒ RC ☒ WQ	1,123cf(2-yr); 21,318cf(100-yr)	2.85
☐ Rain Garden/ Bioretention		☐ VC ☐ RC ☐ WQ	_____	_____
☒ Infiltration Berm		☒ VC ☒ RC ☒ WQ	5,915cf(2-yr); 26,924cf(100-yr)	1.54
Natural Area Conservation	Infiltration/Recharge			
☐ Streamside Buffer Zone		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Wetland Buffer Zone		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Sensitive Area Buffer Zone		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Pre-Construction Drainage Pattern Intact		☐ VC ☐ RC ☐ WQ	_____	_____
Stormwater Retention	Detention/Retention			
☐ Constructed Wetlands		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Wet Ponds		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Retention Basin		☐ VC ☐ RC ☐ WQ	_____	_____
Sediment and Pollutant Removal	Water Quality Treatment			
☐ Vegetated Filter Strips		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Compost Filter Sock		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Detention Basins		☐ VC ☐ RC ☐ WQ	_____	_____
Access Road Design	Infiltration/Recharge			
☐ Road Crowning		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Ditches		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Turnouts		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Culverts		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Roadside Vegetated Filter Strips		☐ VC ☐ RC ☐ WQ	_____	_____

Stormwater Energy Dissipaters	Infiltration/Recharge			
☐ Level Spreaders		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Riprap Aprons		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Upslope Diversions		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Other_____		☐ VC ☐ RC ☐ WQ	_____	_____

d. Critical PCSM Plan stages

Identify and list critical stages of implementation of the PCSM Plan for which a licensed professional or designee shall be present on site.

1. For the final grading of the access road, ensuring it is constructed according to the plan details for proper conveyance of runoff.
2. Following final grading and seeding of the diversion channels and basin, in order to confirm they have been constructed according to the plan details for proper collection and conveyance of runoff. Periodic assessments will need to be made to ensure accumulated sediment have been cleaned out so the channels and basin maintain the necessary design volumes.
3. During the layout and excavation of the outlet control structure, the professional or delegate will ensure sizing, materials specifications, and construction procedures are followed to enable proper storage in the basin.
4. Following final grading and seeding of the infiltration berm in order to confirm they have been constructed according to the plan details for proper collection, infiltration, and conveyance of runoff. Periodic assessment will need to be made to ensure that accumulated sediment have been cleaned out so the area behind the berm maintains the necessary design volume.
5. For final inspection of constructed channels, basin and berms.
6. At the establishment of hard surface stabilization or 70% vegetation covers to allow removal of E&S controls.

NOTICE OF INTENT (NOI) FOR COVERAGE UNDER THE EROSION AND SEDIMENT CONTROL GENERAL PERMIT (ESCGP-3) FOR EARTH DISTURBANCE ASSOCIATED WITH OIL AND GAS EXPLORATION, PRODUCTION, PROCESSING, OR TREATMENT OPERATIONS OR TRANSMISSION FACILITIES

TABLES IN ADDENDUM OF NOI

SECTION H. POST CONSTRUCTION STORMWATER MANAGEMENT (PLAN) BMPs

Compressor Station 200

b. Summary Table for Supporting Calculation and Measurement Data

(See NOI Instructions for additional guidance with this section)

The remainder of this section (Summary Table for Calculation and Measurement Data) does not need to be completed for areas of projects involving oil and gas activities authorized by Chapter 78 or Chapter 78a (well pads) or pipelines and other similar utility infrastructure which will be restored to meadow in good condition or better or existing conditions.

Watershed Name: Valley Creek

Volume Control design storm frequency 2-year Rainfall amount 3.30 inches	Pre-construction	Post Construction	Net Change
Impervious area (acres)	0.25	0.40	+0.15
Volume of stormwater runoff (acre-feet) without planned stormwater BMPs	0.07	0.11	+0.04
Volume of stormwater runoff (acre-feet) with planned stormwater BMPs	[redacted]	0.07	-0.00
Stormwater discharge rate for the design frequency storm	Pre-construction	Post Construction	Net Change
1) 2-Year/24-Hour	1.03	0.15	-0.88
2) 10-Year/24-Hour	2.06	1.39	-0.67
3) 50-year/24-Hour	3.19	2.79	-0.40
4) 100-year/24-Hour	3.97	3.50	-0.47

c. Summary Description of PCSM/SR BMPs

In the lists below, check the BMPs identified in the PCSM Plan. The primary function(s) of the BMP listed in the functions column (infiltration/recharge; detention/retention; water quality). Additional functions may be added if applicable to that BMP. List the stormwater volume and area of runoff to be treated by each BMP type when calculations are required. If any BMP in the PCSM/SR Plan is not listed below, describe it in the space provided after "Other". A summary table with infiltration testing information (Attachment E, included in the NOI Instructions) must be submitted for all Bio-infiltration BMPs included in PCSM/SR plan.

For Rate control provide the volume of stormwater treated and acres treated for the 100-year/24-hour storm event.

For volume control and water quality provide the volume of stormwater treated and acres treated for the 2-year/24-hour storm event.

Key for BMP purpose(s): VC = Volume Control; RC = Rate Control; and WQ = Water Quality

BMP	Function(s)	Purpose(s)	Volume of stormwater treated	Acres treated
Site Restoration ONLY				
☐ Restore Site to Meadow in Good Condition or Better, or Existing Conditions	Infiltration/Recharge Detention/WQ Treatment	☐ VC ☐ RC ☐ WQ	_____	_____
Bio-infiltration areas	Infiltration/Recharge			
☐ Infiltration Trench		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Infiltration Bed		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Infiltration Basin		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Rain Garden/ Bioretention		☐ VC ☐ RC ☐ WQ	_____	_____
☒ Infiltration Berm		☒ VC ☒ RC ☒ WQ	3,790cf(2-yr); 11,631cf(100-yr)	0.56
Natural Area Conservation	Infiltration/Recharge			
☐ Streamside Buffer Zone		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Wetland Buffer Zone		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Sensitive Area Buffer Zone		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Pre-Construction Drainage Pattern Intact		☐ VC ☐ RC ☐ WQ	_____	_____
Stormwater Retention	Detention/Retention			
☐ Constructed Wetlands		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Wet Ponds		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Retention Basin		☐ VC ☐ RC ☐ WQ	_____	_____
Sediment and Pollutant Removal	Water Quality Treatment			
☐ Vegetated Filter Strips		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Compost Filter Sock		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Detention Basins		☐ VC ☐ RC ☐ WQ	_____	_____
Access Road Design	Infiltration/Recharge			
☐ Road Crowning		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Ditches		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Turnouts		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Culverts		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Roadside Vegetated Filter Strips		☐ VC ☐ RC ☐ WQ	_____	_____

Stormwater Energy Dissipaters ☐ Level Spreaders ☐ Riprap Aprons ☐ Upslope Diversions ☐ Other_____	Infiltration/Recharge	 ☐ VC ☐ RC ☐ WQ ☐ VC ☐ RC ☐ WQ ☐ VC ☐ RC ☐ WQ ☐ VC ☐ RC ☐ WQ	 _____ _____ _____ _____	 _____ _____ _____ _____

d. Critical PCSM Plan stages

Identify and list critical stages of implementation of the PCSM Plan for which a licensed professional or designee shall be present on site.

1. Following final grading and seeding of the infiltration berm in order to confirm it has been constructed according to the plan details for proper collection, infiltration, and conveyance of runoff. Periodic assessments will need to be made to ensure that accumulated sediment should be cleaned out so the channels and berm maintain necessary design volume.
2. For final inspection of constructed BMPs.
3. At the establishment of hard surface stabilization or 70% vegetation covers to allow removal of E & S controls.

NOTICE OF INTENT (NOI) FOR COVERAGE UNDER THE EROSION AND SEDIMENT CONTROL GENERAL PERMIT (ESCGP-3) FOR EARTH DISTURBANCE ASSOCIATED WITH OIL AND GAS EXPLORATION, PRODUCTION, PROCESSING, OR TREATMENT OPERATIONS OR TRANSMISSION FACILITIES

TABLES IN ADDENDUM OF NOI

SECTION H. POST CONSTRUCTION STORMWATER MANAGEMENT (PLAN) BMPs

Compressor Station 515

b. Summary Table for Supporting Calculation and Measurement Data

(See NOI Instructions for additional guidance with this section)

The remainder of this section (Summary Table for Calculation and Measurement Data) does not need to be completed for areas of projects involving oil and gas activities authorized by Chapter 78 or Chapter 78a (well pads) or pipelines and other similar utility infrastructure which will be restored to meadow in good condition or better or existing conditions.

Watershed Name: Bear Creek

Volume Control design storm frequency 2-year Rainfall amount 3.40 inches	Pre-construction	Post Construction	Net Change
Impervious area (acres)	0.34	2.44	+2.10
Volume of stormwater runoff (acre-feet) without planned stormwater BMPs	0.50	0.81	+0.31
Volume of stormwater runoff (acre-feet) with planned stormwater BMPs	[redacted]	0.18	-0.32
Stormwater discharge rate for the design frequency storm	Pre-construction	Post Construction	Net Change
1) 2-Year/24-Hour	5.46	1.76	-3.70
2) 10-Year/24-Hour	10.19	8.30	-1.89
3) 50-year/24-Hour	16.85	9.55	-7.30
4) 100-year/24-Hour	20.81	9.58	-11.23

c. Summary Description of PCSM/SR BMPs

In the lists below, check the BMPs identified in the PCSM Plan. The primary function(s) of the BMP listed in the functions column (infiltration/recharge; detention/retention; water quality). Additional functions may be added if applicable to that BMP. List the stormwater volume and area of runoff to be treated by each BMP type when calculations are required. If any BMP in the PCSM/SR Plan is not listed below, describe it in the space provided after "Other". A summary table with infiltration testing information (Attachment E, included in the NOI Instructions) must be submitted for all Bio-infiltration BMPs included in PCSM/SR plan.

For Rate control provide the volume of stormwater treated and acres treated for the 100-year/24-hour storm event.

For volume control and water quality provide the volume of stormwater treated and acres treated for the 2-year/24-hour storm event.

Key for BMP purpose(s): VC = Volume Control; RC = Rate Control; and WQ = Water Quality

BMP	Function(s)	Purpose(s)	Volume of stormwater treated	Acres treated
Site Restoration ONLY				
☐ Restore Site to Meadow in Good Condition or Better, or Existing Conditions	Infiltration/Recharge Detention/WQ Treatment	☐ VC ☐ RC ☐ WQ	_____	_____
Bio-infiltration areas	Infiltration/Recharge			
☐ Infiltration Trench		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Infiltration Bed		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Infiltration Basin		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Rain Garden/ Bioretention		☐ VC ☐ RC ☐ WQ	_____	_____
☒ Infiltration Berm		☒ VC ☒ RC ☒ WQ	31,799cf(2-yr); 96,268cf(100-yr)	3.83
Natural Area Conservation	Infiltration/Recharge			
☐ Streamside Buffer Zone		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Wetland Buffer Zone		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Sensitive Area Buffer Zone		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Pre-Construction Drainage Pattern Intact		☐ VC ☐ RC ☐ WQ	_____	_____
Stormwater Retention	Detention/Retention			
☐ Constructed Wetlands		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Wet Ponds		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Retention Basin		☐ VC ☐ RC ☐ WQ	_____	_____
Sediment and Pollutant Removal	Water Quality Treatment			
☐ Vegetated Filter Strips		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Compost Filter Sock		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Detention Basins		☐ VC ☐ RC ☐ WQ	_____	_____
Access Road Design	Infiltration/Recharge			
☐ Road Crowning		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Ditches		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Turnouts		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Culverts		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Roadside Vegetated Filter Strips		☐ VC ☐ RC ☐ WQ	_____	_____

Stormwater Energy Dissipaters	Infiltration/Recharge			
☐ Level Spreaders		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Riprap Aprons		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Upslope Diversions		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Other_____		☐ VC ☐ RC ☐ WQ	_____	_____

d. Critical PCSM Plan stages

Identify and list critical stages of implementation of the PCSM Plan for which a licensed professional or designee shall be present on site.

1. Following final grading and seeding of the collection channels and infiltration berm in order to confirm they have been constructed according to the plan details for proper collection, infiltration, and conveyance of runoff. Periodic assessments will need to be made to ensure that accumulated sediment should be cleaned out so the channels and berm maintain necessary design volume.
2. For final inspection of constructed BMPs.
3. At the establishment of hard surface stabilization or 70% vegetation covers to allow removal of E & S controls.

SECTION I. ANTIDEGRADATION ANALYSIS

This section must be completed where earth disturbance activities will be conducted in the watershed of a surface water with an existing or designated use of exceptional value or high quality pursuant to Chapter 93 (relating to water quality standards), projects where any part is located in an exceptional value wetland in accordance with 25 Pa. Code § 105.17, and projects where any part is located in the watershed of an impaired surface water where the cause of impairment is identified as siltation.

Part 1 - NONDISCHARGE ALTERNATIVES EVALUATION

The applicant must consider and describe any and all non-discharge alternatives for the entire project area which are environmentally sound and will**:**

- Minimize accelerated erosion and sedimentation during the earth disturbance activity
- Achieve no net change from pre-development to post-development volume, rate and concentration of pollutants in water quality

E & S Plan	PCSM/SR Plan
Check off the environmentally sound nondischarge Best Management Practices (BMPs) listed below to be used prior to, during, and after earth disturbance activities that have been incorporated into your E & S Plan based on the site analysis. For non-discharge BMPs not checked, provide an explanation of why they were not utilized. Also for BMPs checked, provide an explanation of why they were utilized. (Provide the analysis and attach additional sheets if necessary) See Section 2 of this ESCGP-3 Application	Check off the environmentally sound nondischarge Best Management Practices (BMPs) listed below to be used after construction that have been incorporated into the PCSM/SR Plan based on your site analysis. For non-discharge BMPs not checked, provide an explanation of why they were not utilized. Also for BMPs checked, provide an explanation of why they were utilized. (Provide the analysis and attach additional sheets if necessary) See Section 3 of this ESCGP-3 Application
Nondischarge BMPs ☐ Alternative Siting ☐ Alternative location ☐ Alternative configuration ☐ Alternative location of discharge ☒ Limited Disturbed Area ☐ Limiting Extent & Duration of Disturbance (Phasing, Sequencing) ☐ Riparian Buffers (150 ft. min.) ☐ Riparian Forest Buffer (150 ft. min.) ☐ Other _____	**Nondischarge BMPs** ☐ Alternative Siting ☐ Alternative location ☐ Alternative configuration ☐ Alternative location of discharge ☐ Low Impact Development (LID / BSD) ☐ Riparian Buffers (150 ft. min.) ☐ Riparian Forest Buffer (150 ft. min.) ☒ Infiltration ☐ Water Reuse ☐ Other _____
Will the non-discharge alternative BMPs eliminate the net change in rate, volume and quality during construction? ☐ Yes ☒ No If yes, antidegradation analysis is complete. If no, proceed to Part 2.	Will the non-discharge alternative BMPs eliminate the net change in rate, volume and quality after construction? ☐ Yes ☒ No If yes, antidegradation analysis is complete. If no, proceed to Part 2.

PART 2 - ANTIDEGRADATION BEST AVAILABLE COMBINATION OF TECHNOLOGIES (ABACT)

If the net change in stormwater discharge from or after construction is not fully managed by nondischarge BMPs, the applicant must utilize ABACT BMPs to manage the difference. The Applicant must specify whether the discharge will occur during construction, post-construction or both, and identify the technologies that will be used to ensure that the discharge will be a non-degrading discharge. ABACT BMPs include but are not limited to:

E & S Plan	PCSM/SR Plan
☒ **Treatment BMPs:** ☐ Sediment basin with skimmer ☐ Sediment basin ratio of 4:1 or greater (flow length to basin width) ☐ Sediment basin with 4-7 day detention ☐ Flocculants ☒ Compost Filter Socks ☒ Compost Filter Sock Sediment Basin ☒ RCE w/ Wash Rack ☒ **Land disposal:** ☐ Vegetated filters ☐ Riparian buffers <150ft. ☐ Riparian Forest Buffer <150ft. ☒ Immediate stabilization ☒ **Pollution prevention:** ☒ PPC Plans ☒ Street sweeping ☒ Channels, collectors and diversions lined with permanent vegetation, rock, geotextile or other non-erosive materials ☐ **Stormwater reuse technologies:** ☐ Sediment basin water for dust control ☐ Sediment basin water for irrigation ☐ **Other** _____	☒ **Treatment BMPs:** ☒ Infiltration Practices ☐ Wet ponds ☐ Created wetland treatment systems ☒ Vegetated swales ☐ Manufactured devices ☒ Bio-retention/infiltration ☐ Green Roofs ☐ **Land disposal:** ☐ Vegetated filters ☐ Riparian Buffers <150ft. ☐ Riparian Forest Buffer <150ft. ☐ Disconnection of roof drainage ☐ Bio-retention/bio-infiltration ☒ **Pollution prevention:** ☐ Street sweeping ☐ Nutrient, pesticide, herbicide or other chemical application plan alternatives ☒ PPC Plans ☒ Non-structural Practices ☒ Restoration BMPs ☐ **Stormwater reuse technologies:** ☐ Divert rainwater into impoundment ☐ Underground storage ☐ Spray/Drip Irrigation ☐ **Other** _____
Are the ABACT BMPs selected sufficient to minimize E&S discharges to the extent that existing or designated surface water uses are protected? ☒ Yes ☐ No If yes, Antidegradation analysis is complete. If no, NOI Application will be returned to the Applicant.	Are the ABACT BMPs selected sufficient to achieve no net change and assure that existing or designated surface water uses are protected? ☒ Yes ☐ No If yes, Antidegradation analysis is complete. If no, NOI Application will be returned to the Applicant.

SECTION J. COMPLIANCE HISTORY REVIEW

Is/was the applicant(s) in violation of any Department regulation, order, schedule of compliance or permit or in violation of any department regulated activities within the past five years?

☒ Yes ☐ No

If yes, provide the permit number or facility name, a brief description of the violation, the compliance schedule (including dates and steps to achieve compliance) and the current compliance status. (Attach additional information on a separate sheet, when necessary)

Permit Program or Activity: Chapter 102, Chapter 105, PAG-10
Permit Number (if applicable):

1. **ESG03000150001, ESG00350150001, ESG00081150001**
2. **E41-649**
3. **E-19-311, E36-947, E-38-195, E40-769,E49-336, E54-360, E58-315, E66-160, E41-667, E18-495,**
4. **PAG109632**

Brief Description of non-compliance:

Consent Assessment of Civil Penalty, Reports past due.

Steps taken to achieve compliance	Date(s) compliance achieved
1. Consent Assessment of Civil Penalty 2. Consent Assessment of Civil Penalty. Permits being obtained to complete channel restoration 3. Consent Assessment of Civil Penalty 4. All past due reports were provided to PADEP	1. 9/20/2020 2. 8/9/2020 3. 9/20/2020 4. 12/14/2017

Current Compliance Status: ☒ In-Compliance ☐ In Non-Compliance

If in non-compliance, attach schedule for achieving compliance.

SECTION K. CERTIFICATION BY PERSON PREPARING E&S AND PCSM/SR PLANS

I do hereby certify to the best of my knowledge, information, and belief, that the Erosion and Sediment Control and PCSM/Site Restoration Plans are true and correct, represent actual field conditions, and are in accordance with the 25 Pa. Code Chapters 78/78a and 102 of the Department's rules and regulations. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment.

Print Name Kevin C. Clark	Signature	Professional Seal
Company BAI Group, LLC		
Address 2525 Green Tech Drive, Suite D, State College, PA-16803		
Phone (814) 238-2060		
Most Recent DEP Training Attended _____	Location _____ Date _____	
e-Mail Address kclark@baigroupllc.com		

EXPEDITED REVIEW PROCESS

In addition to the certification required above, applicants using the expedited permit review process must attach an E&S and PCSM/Site Restoration Plans developed and sealed by a licensed professional engineer, surveyor or professional geologist. The plans shall contain the following certification:

*I do hereby certify to the best of my knowledge, information, and belief, that the E & S Control and PCSM/SR BMPs are true and correct, represent actual field conditions and are in accordance with the 25 Pa. Code Chapters 78 / 78a and 102 of the Department's rules and regulations. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment***.**

SECTION L. APPLICANT CERTIFICATION

Applicant Certification

I certify under penalty of law, as provided by 18 Pa. C.S.A. § 4904, that this application and all related attachments were prepared by me or under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my own knowledge and on inquiry of the person or persons who manage the system or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate and complete. The responsible official's signature also verifies that the activity is eligible to participate in the ESCGP, and that the applicant agrees to abide by the terms and conditions of the permit. BMP's, E&S Plan, PPC Plan, PCSM Plan, and other controls are being or will be, implemented to ensure that water quality standards and effluent limits are attained.

I grant permission to the agencies responsible for the permitting of this work, or their duly authorized representative to enter the project site for inspection purposes. I will abide by the conditions of the permit if issued and will not begin work prior to permit issuance.

(For individuals no indication of title is necessary, choose the box below. All others proceed to the next paragraph)

☐ **Individual; proceed to signature portion.**

I hereby certify under penalty of law, as provided by 18 Pa. C.S.A. § 4904, that I am the person who is responsible for decision-making regarding environmental compliance functions for Transcontinental Gas Pipeline Company, LLC, the manager of one or more manufacturing, production, or operating facilities of the applicant and am authorized to make management decisions which govern the operation of regulated facility including having explicit or implicit duty of making major capital investment recommendations, and initiating and directing other comprehensive measures to assure the applicant's long term environmental compliance with environmental laws and regulations; and I am responsible for ensuring that the necessary systems are established or actions taken to gather complete and accurate information for permit application requirements.

(choose one of the following; not applicable for individuals):

☐ The responsible corporate officer ☐ president ☐ vice president ☐ secretary
☐ treasure of _____ Corporation/Company
Entity name

☒ The ☐ member or ☒ manager of Transcontinental Gas Pipe Line Company, LLC
Entity name

☐ The general partner of _____ partnership/LP/LLP
Entity name

☐ The principal executive officer or ranking elected official of _____ Municipality/State/Federal/other public agency
Entity name

☐ Power of Attorney/delegation of contractual authority (documentation supporting delegation of contracting authority must be provided) for _____
Entity name

_____	_____
Print Name and Title of Applicant	Print Name and Title of Co-Applicant (if applicable)
_____	_____
Signature of Applicant	Signature of Co-Applicant
_____	_____
Date Application Signed	Date Application Signed

Notarization

Sworn to and subscribed to before me this

_____ day of _____, 20_____

_____
Notary Public

AFFIX SEAL

Commonwealth of Pennsylvania

County of _____

My Commission expires _____

SECTION M. ADDITIONAL CONTACT INFORMATION				
Contact's Last Name	First Name	MI	Phone (814) 689-1650	
Nelson	Ryan	J	FAX	
Mailing Address	City		State	ZIP + 4
2525 Green Tech Drive, Suite B	State College		PA	16803
e-Mail Address ryann@whmgroup.com				

Section 1-1.1 NOI Supporting Information

Project Component	Site	Site Location City	ZIP Code	County	Municipality	Total Project Area/Project Site (Acre)	Total Disturbed Area (Acre)	Latitude / Longitude	U.S.G.S. 7.5 min. Topographic Quadrangle	Receiving Waters	Chapter 93, Designated Use Stream Classification	Chapter 93, Existing Use Stream Classification	Siltation Impaired
Regional Energy Lateral	Pipeline			Luzerne	Buck, Bear Creek, Plains, Jenkins, Kingston, Dallas, Wyoming, West Wyoming, Laflin	952.63	420.67 (includes CS 515 and sites below)	41.173337, -75.671706 (eastern terminus) 41.346917, -75.946263 (western terminus)	Kingston, Pittston, Avoca, Wilkes-Barre East, Pleasant View Summit	Stony Run, Shades Creek, Little Shades Creek, Snider Run, Meadow Run, Bear Creek, Little Bear Creek, Mill Creek, Gardner Creek, Susquehanna River, Abrahams Creek, Toby Creek, Trout Brook	MF, HQ-CWF, WWF, CWF	-	No
	CY-LU-001	Wyoming	18644	Luzerne	Wyoming		16.3 (Included within above total)	41.31016, -75.84636		Abrahams Creek	CWF, MF	-	No
	CY-LU-002	Wilkes-Barre	18702	Luzerne	Laflin		11.4 (Included within above total)	41.28491, -75.79026		Gardner Creek	CWF, MF	-	No
	MLV-515RA20	Wilkes-Barre	18702	Luzerne	Bear Creek Township		0.46 (Included within above total)	41.25279, -75.75856		Mill Creek	CWF, MF	-	No
	MLV-515RA30	Wyoming	18644	Luzerne	Wyoming Borough		0.44 (Included within above total)	41.30411, -75.84662		Susquehanna River	WWF		No
	Carverton Tie-in	Wyoming	18644	Luzerne	West Wyoming Borough		3.9 (Included within above total)	41.32053, -75.87270		Abrahams Creek	CWF, MF		No
	Lower Demunds REL Tie-in	Dallas	18612	Luzerne	Dallas Township		1.7 (Included within above total)	41.34652, -75.94551		Trout Brook	CWF, MF		No
	Hildebrandt Tie-in/MLV-515RA40	Dallas	18612	Luzerne	Dallas Township		3.1 (Included within above total)	41.34692, -75.94629		Toby Creek, Trout Brook	CWF, MF		No
	Laflin Borough Stream Stabilization	Wilkes-Barre	18702	Luzerne	Laflin Borough		0.94 (Included within above total)	41.28925, -75.80209		Gardner Creek	CWF, MF	-	No
Effort Loop	Pipeline			Monroe	Ross, Chestnuthill, Tunkhannock	360.63	262.18	40.896796, -75.370606 (Southeast Terminus) 41.053413, -75.526178 (Northwest Terminus)	Blakeslee, Pocono Pines, Brodheadsville, Saylorsburg	Lake Creek, Princess Run, Weir Creek, McMichael Creek, Pohopoco Creek, Sugar Hollow Creek, Poplar Creek, Mud Run, Mud Pond Run, Tunkhannock Creek	EV, MF, HQ-CWF, CWF	EV, MF	No

Project Component	Site	Site Location City	ZIP Code	County	Municipality	Total Project Area/Project Site (Acre)	Total Disturbed Area (Acre)	Latitude / Longitude	U.S.G.S. 7.5 min. Topographic Quadrangle	Receiving Waters	Chapter 93, Designated Use Stream Classification	Chapter 93, Existing Use Stream Classification	Siltation Impaired
	MLV-505LD86 Sugar Hollow Valve Yard	Effort	18330	Monroe	Chestnut Hill Township		8.8 (Included within above total)	40.96775, -75.42980		Sugar Hollow Creek	CWF, MF	-	No
	CY-MO-001	Saylorsburg	18353	Monroe	Ross Township		50.1 (Included within above total)	40.89803, -75.36784		Lake Creek, Princess Run	HQ-CWF, MF, CWF	-	No
Delaware River Regulator		Easton	18040	Northampton	Lower Mt. Bethel	11.28	3.25	40.76220 -75.19653	Bangor, PA	Mud Run	CWF, MF	-	No
Mainline "A" Regulator		Washington Crossing	18977	Bucks	Lower Makefield	0.94	0.530	40.26807, -74.85712	Pennington, NJ-PA	Dyers Creek, Delaware River	MF, WWF	-	No
Compressor Station 200		Frazer	19335	Chester	East Whiteland	20.28	3.16	40.04998, -75.58589	Malvern, PA	Valley Creek	EV, MF, CWF	-	Yes
Compressor Station 515		White Haven	18661	Luzerne	Buck	952.63 (Included with Regional Energy Lateral)	24.83 (included with Regional Energy Lateral)	41.17380, -75.67118	Pleasant View Summit, PA	Shades Creek, Stony Run	HQ-CWF, MF	-	No

COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
BUREAU OF CLEAN WATER

MUNICIPAL NOTIFICATION OF PLANNED LAND DEVELOPMENT FOR CHAPTER 102 PERMITS

PROJECT INFORMATION (COMPLETED BY APPLICANT)

Applicant Name:	**Transcontinental Gas Pipe Line Company, a subsidiary of Williams Partners, L.P.**	Contact Name:	**Joseph Dean** **Manager-Permitting**
Applicant Address:	**2800 Post Oak Blvd, Level 11**	Contact Phone:	**(713) 215-3427**
Applicant City, State, ZIP:	**Houston, TX 77056**	County:	**Luzerne**
		Municipality:	**Plains**
		Project Area:	**89.20** acres ☐ Phased
		Disturbance:	**38.65** acres

Description of Proposed Land Development and Stormwater Controls:

The Regional Energy Lateral component of the Regional Energy Access Expansion Project will consist of approximately 22.3 miles of 30-inch diameter pipeline, partially co-located with existing Transco Leidy Line-A, in Buck, Bear Creek, Plains, Jenkins, Kingston and Dallas Townships, and Laflin, Wyoming, and West Wyoming Boroughs, Luzerne County, Pennsylvania. The Regional Energy Lateral begins at existing Compressor Station 515 in Buck Township and continues westward to its terminus at Transco's existing Hildebrandt Tie-in in Dallas Township. Transco will be installing four mainline valves with appurtenant equipment, as a means to isolate gas flows along the Regional Energy Lateral. The mainline valve sites at each pipeline terminus (MLV515RA10 at Compressor Station 515 and MLV515RA40 at the Hildebrandt Tie-in) will also have pig traps (industry term for manifolds that launch or receive in-line inspection tools). The other two valve sites are proposed along the pipeline route (MLV515RA20 at Milepost 7.5 and MLV515RA30 at Milepost 14.8). Modifications at three existing pipeline interconnects are proposed to tie-in the proposed pipeline to the existing facilities. The Carverton Tie-In is located at Milepost 16.8. The Lower Demunds Tie-In is located at Milepost 22.3 and also includes a +/- 400-ft segment of 20-in pipeline and conduit to connect to the existing facility. The Hildebrandt Tie-In is located at the Regional Energy Lateral pipeline terminus and includes MLV515RA40. Two contractor yards are proposed for the Project and are located adjacent to the pipeline. CY-LU-001 is located at Milepost 15.3 and CY-LU-002 is located at Milepost 10.5. Cathodic protection equipment will be installed along the pipeline route. Deep anode ground beds are proposed at Mileposts 7.5 and 19.8, and one remote anode ground bed is proposed at Milepost 15.3. E&S BMP's are proposed within Plains Township.

Surface Waters Receiving Stormwater Discharges:
Gardner Creek, Mill Creek

Discharge to: ☐ MS4 ☐ Other SS ☐ CSS

Tax Parcel ID(s) Affected by Proposed Land Development:

See attached table

The following information was submitted to the municipality for this project:

☐ Land Development / Subdivision Plan ☒ E&S Plan ☐ PCSM Plan ☐ Other:

***On March 31, 2021 Transco submitted to you its E&S and PCSM Plans (Plans) as part of the ESCGP-3 permit application notification. Transco provided an update in July 2021 indicating the Erosion and Sediment Control Permit for Discharges of Stormwater Associated with Construction Activities Application was submitted to the PA Dept. of Environmental Protection to replace the ESCGP-3 application. Transco has updated the application in response to the PADEP Technical Deficiencies and is providing the updated materials. Updated drawings, location maps, GIF form and Parcel ID tables are included.**

MUNICIPAL PLAN / ORDINANCE INFORMATION (COMPLETED BY MUNICIPALITY)		
1. Is there an adopted municipal or multi-municipal comprehensive plan?	☐ Yes	☐ No
2. Is there an enacted municipal or multi-municipal zoning ordinance?	☐ Yes	☐ No
3. If Yes to #2, is the proposed project consistent with the ordinance?	☐ Yes	☐ No
4. Is there a municipal stormwater management ordinance?	☐ Yes	☐ No
5. If Yes to #4, is the proposed project consistent with the ordinance, without waiver?	☐ Yes	☐ No

6. If Yes to #4, indicate type of ordinance: ☐ Act 167 Model Ordinance ☐ DEP Model Ordinance (MS4s) ☐ Other

APPLICANT CERTIFICATION	MUNICIPAL ACKNOWLEDGEMENT
I certify under penalty of law (see 18 Pa.C.S. § 4904 (relating to unsworn falsification)) that the information reported herein was prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the information, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.	The municipality acknowledges that a permit application for the above-referenced project has been submitted to a reviewing agency and that notification requirements of Act 14 of 1984 and Acts 67, 68, and 127 of 2000 have been satisfied. The information reported herein by the municipality is true and accurate. The municipality reserves the right to comment to the reviewing agency relative to comprehensive plans, zoning, and stormwater ordinance consistency. Municipal acknowledgment of receipt of notification shall not be construed as project approval.

Joseph Dean

Applicant Name

Applicant Signature

Manager - Permitting

Applicant Title

04/06/2022

Date of Signature

Municipal Representative Name

Municipal Representative Signature

Municipal Representative Title

Date of Signature

Proof of Delivery

Dear Customer,

This notice serves as proof of delivery for the shipment listed below.

Tracking Number

1Z8797VV0399892541

Weight

3.00 LBS

Service

UPS Ground

Shipped / Billed On

04/06/2022

Delivered On

04/07/2022 4:26 P.M.

Delivered To

PLAINS, PA, US

Left At

Porch

Thank you for giving us this opportunity to serve you. Details are only available for shipments delivered within the last 120 days. Please print for your records if you require this information after 120 days.

Sincerely,

UPS

Tracking results provided by UPS: 04/11/2022 11:12 A.M. EST

Transcontinental Gas Pipe Line Company, LLC

Section 1-11 – General Information Form

Regional Energy Access Expansion Project

April 2021
(Added July 2021)
(Revised March 2022)

pennsylvania
DEPARTMENT OF ENVIRONMENTAL PROTECTION

COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION

GENERAL INFORMATION FORM – AUTHORIZATION APPLICATION

Before completing this General Information Form (GIF), read the step-by-step instructions provided in this application package. This form is used by the Department of Environmental Protection (DEP) to inform our programs regarding what other DEP permits or authorizations may be needed for the proposed project or activity. This version of the General Information Form (GIF) must be completed and returned with any program-specific application being submitted to the DEP.

Related ID#s (If Known)				DEP USE ONLY
Client ID#		**APS ID#**		Date Received & General Notes
Site ID#		**Auth ID#**		
Facility ID#				

CLIENT INFORMATION

DEP Client ID#	Client Type / Code	Dun & Bradstreet ID#
163321	LLC	

Legal Organization Name or Registered Fictitious Name	Employer ID# (EIN)	Is the EIN a SSN?
Transcontinental Gas Pipe Line Company, LLC	74-1079400	☐ Yes ☒ NO

State of Incorporation or Registration of Fictious Name

☐ Corporation ☒ LLC ☐ Partnership ☐ LLP ☐ LP
☐ Sole Proprietorship ☐ Association/Organization
☐ Estate/Trust ☐ Other

Individual Last Name	First Name	MI	Suffix

Additional Individual Last Name	First Name	MI	Suffix

Mailing Address Line 1	Mailing Address Line 2
2800 Post Oak Blvd, Level 11	

Address Last Line – City	State	ZIP+4	Country
Houston	TX	77056	United States

Client Contact Last Name	First Name	MI	Suffix
Dean	Joseph		

Client Contact Title	Phone	Ext	Cell Phone
Manager, Permitting	(713) 215-3427		

Email Address	FAX
Joseph.Dean@Williams.com	

SITE INFORMATION

DEP Site ID#	Site Name
	Regional Energy Access Expansion Project

EPA ID# **Estimated Number of Employees to be Present at Site**

Description of Site
The Project is an expansion of an existing natural gas transmission system consisting of pipelines, modification of three existing compressor stations and additional existing ancillary facilities.

Tax Parcel ID(s):

County Name(s)	Municipality(ies)	City	Boro	Twp	State
Luzerne	Buck, Bear Creek, Plains, Jenkins, Kingston, Dallas, Wyoming, West Wyoming, Laflin	☐	☒	☒	PA
Monroe	Ross, Chestnuthill, Tunkhannock	☐	☐	☒	PA
Northampton	Lower Mt. Bethel	☐	☐	☒	PA
Bucks	Lower Makefield	☐	☐	☒	PA
Chester	East Whiteland	☐	☐	☒	PA
		☐	☐	☒	PA
		☐	☒	☐	PA

Site Location Line 1	Site Location Line 2
See Section 1.1 - GIF Supporting Information	

Site Location Last Line – City	State	ZIP+4

Detailed Written Directions to Site
See Secton 1.1 - GIF Supporting Information for locations of all project sites.

Site Contact Last Name	First Name	MI	Suffix
Henry	Josh		

Site Contact Title	Site Contact Firm
Environmental Specialist	Transcontinental Gas Pipe Line Company, LLC.

Mailing Address Line 1	Mailing Address Line 2
2000 Commerce Drive, Park Place 2	

Mailing Address Last Line – City	State	ZIP+4
Pittsburgh	PA	15275

Phone	Ext	FAX	Email Address
(412) 787- 4277			Josh.Henry@Williams.com

NAICS Codes (Two- & Three-Digit Codes – List All That Apply) **6-Digit Code** (Optional)
221

Client to Site Relationship
OWNOP

FACILITY INFORMATION

Modification of Existing Facility	Yes	No
1. **Will this project modify an existing facility, system, or activity?**	☒	☐
2. **Will this project involve an addition to an existing facility, system, or activity?**	☒	☐

If "Yes", check all relevant facility types and provide DEP facility identification numbers below.

	Facility Type	DEP Fac ID#		Facility Type	DEP Fac ID#
☐	Air Emission Plant		☐	Industrial Minerals Mining Operation	
☐	Beneficial Use (water)		☐	Laboratory Location	
☐	Blasting Operation		☐	Land Recycling Cleanup Location	
☐	Captive Hazardous Waste Operation		☐	Mine Drainage Treatment / Land Recycling Project Location	
☐	Coal Ash Beneficial Use Operation		☐	Municipal Waste Operation	
☐	Coal Mining Operation		☐	Oil & Gas Encroachment Location	
☐	Coal Pillar Location		☐	Oil & Gas Location	
☐	Commercial Hazardous Waste Operation		☐	Oil & Gas Water Poll Control Facility	
☐	Dam Location		☐	Public Water Supply System	
☐	Deep Mine Safety Operation -Anthracite		☐	Radiation Facility	
☐	Deep Mine Safety Operation -Bituminous		☐	Residual Waste Operation	
☐	Deep Mine Safety Operation -Ind Minerals		☐	Storage Tank Location	
☐	Encroachment Location (water, wetland)		☐	Water Pollution Control Facility	
☐	Erosion & Sediment Control Facility		☐	Water Resource	
☐	Explosive Storage Location		☒	Other: Natural Gas Transmission	

Latitude/Longitude Point of Origin	Latitude Degrees	Latitude Minutes	Latitude Seconds	Longitude Degrees	Longitude Minutes	Longitude Seconds
See Section 1.1 - GIF Supporting Information						

Horizontal Accuracy Measure	Feet	*--or--*	Meters
Horizontal Reference Datum Code	☐ North American Datum of 1927 ☒ North American Datum of 1983 ☐ World Geodetic System of 1984		
Horizontal Collection Method Code	GISDR		
Reference Point Code	CNTAR		
Altitude	Feet	*--or--*	Meters
Altitude Datum Name	☐ The National Geodetic Vertical Datum of 1929 ☒ The North American Vertical Datum of 1988 (NAVD88)		
Altitude (Vertical) Location Datum Collection Method Code	TOPO		

Geometric Type Code	POINT				
Data Collection Date	2020				
Source Map Scale Number	1	Inch(es)	=	2,000	Feet
--or--		Centimeter(s)	=		Meters

PROJECT INFORMATION

Project Name
Regional Energy Access Expansion Project

Project Description
The Project is an expansion of Transco's existing natural gas transmission system that will enable Transco to provide an incremental 829,400 dekatherms per day (Dth/d) of year-round firm transportation capacity from the Marcellus Shale production area in northeastern Pennsylvania (PA) to multiple delivery points along Transco's Leidy Line in PA, Transco's mainline at the Station 210 Zone 6 Pooling Point in Mercer County, New Jersey (NJ) and multiple delivery points in Transco's Zone 6 in NJ, PA, and Maryland (MD). The Project will consist of the following components:

• Approximately 22.2 miles of 30-inch-diameter pipeline partially collocated with Transco's Leidy Line A from milepost (MP) 0.00 to MP 22.32 in Luzerne County, PA (Regional Energy Lateral);

• Approximately 13.8 miles of 42-inch-diameter pipeline collocated with Transco's Leidy Line System from MP 43.72 to MP 57.50 in Monroe County, PA (Effort Loop);

• New electric motor-driven compressor station identified as Compressor Station 201 with 9,000 nominal horsepower (HP) in Gloucester County, NJ;

• Addition of two gas-fired turbine driven compressor units with 31,800 nominal HP at ISO conditions at existing Compressor Station 505 in Somerset County, NJ, to accommodate the abandonment and replacement of approximately 16,000 HP from eight existing internal combustion engine-driven compressor units and increase the certificated station compression by 15,800 HP;

• Addition of two gas-fired turbine driven compressor units with 63,742 nominal HP at ISO conditions and modification of three existing compressors at existing Compressor Station 515 in Luzerne County, PA to support the Project and to accommodate the abandonment and replacement of approximately 17,000 HP from five existing gas-fired reciprocating engine driven compressors and increase the certificated station compression by 46,742 HP;

• Uprate and rewheel two existing electric motor-driven compressor units at existing Compressor Station 195 in York County, PA to increase the certificated station compression by 6,000 HP and accommodate the abandonment of two existing gas-fired reciprocating engine driven compressors, which total approximately 8,000 HP;

• Modifications at existing Compressor Station 200 in Chester County, PA;

• Uprate one existing electric motor-driven compressor unit at Compressor Station 207 in Middlesex County, NJ to increase the certificated station compression by 4,100 HP;

• Modifications to three (3) existing pipeline tie-ins in PA (Hildebrandt Tie-in, Lower Demunds REL Tie-in, and Carverton Tie-in);

• Addition of regulation controls at an existing valve setting on Transco's Mainline "A" in Bucks County, PA (Mainline A Regulator);

• Modifications at the existing Delaware River Regulator in Northampton County, PA;

• Modifications at the existing Centerville Regulator in Somerset County, NJ;

• Modifications to the existing valves and piping at the Princeton Junction (Station 210 Pooling Point) in Mercer County, NJ;

• Modifications to three (3) existing delivery meter stations in NJ (Camden M&R Station, Lawnside M&R Station, and Mt. Laurel M&R Station);

• Modifications to one (1) existing delivery meter station in MD (Beaver Dam M&R Station);

• Contractual changes (no modifications) at ten (10) existing delivery meter stations in PA and NJ (Algonquin-Centerville Meter Station, Post Road Meter Station, New Village Meter Station, Spruce Run Meter Station, Marcus Hook Meter Station, Ivyland Meter Station, Repaupo Meter Station, Morgan Meter Station, Lower Mud Run Meter Station, and Chesterfield Meter Station);

• Additional ancillary facilities, such as mainline valves (MLVs), cathodic protection, communication facilities, and internal inspection device (e.g., pig) launchers and receivers in PA; and

• Existing, improved, and new access roads and contractor yards/staging areas in PA, NJ, and MD.

In an ongoing effort to reduce its air emissions footprint, Transco is assessing the replacement of vintage gas-fired reciprocating engine driven compressors with more efficient state-of-the-art gas-fired turbine driven compressors. The proposed compression abandonment and replacement scopes at Transco's existing Compressor Station 505 and Compressor Station 515 are part of this effort and have been adopted into the Project scope. Additionally, the uprate and optimization of existing electric motor-driven compression to accommodate abandonment of gas-fired reciprocating engine driven compression at Compressor Station 195 has also been adopted into the Project scope.

The Algonquin-Centerville, Post Road, New Village, Spruce Run, Marcus Hook, Ivyland, Repaupo, Morgan, Lower Mud Run, and Chesterfield Meter Stations can accommodate the contractual changes proposed as part of this Project; therefore, no modifications are proposed at these facilities

Project Consultant Last Name	**First Name**	**MI**	**Suffix**
Nelson	Ryan		

Project Consultant Title	**Consulting Firm**
Senior Project Manager	WHM Consulting, LLC

Mailing Address Line 1	**Mailing Address Line 2**
2525 Green Tech Drive; Suite B	

Address Last Line – City	**State**	**ZIP+4**
State College	PA	16803

Phone	**Ext**	**FAX**	**Email Address**
(814) 689-1650	102		ryann@whmgroup.com

Time Schedules	**Project Milestone (Optional)**
March 2021	Submit 401 WQC
April 2021	Submit Chapter 102 / 105 Permits
2nd Quarter of 2023	Commence Construction
4th Quarter 2024	In-service Date

1. Is the project located in or within a 0.5-mile radius of an Environmental Justice community as defined by DEP? ☒ Yes ☐ No

To determine if the project is located in or within a 0.5-mile radius of an environmental justice community, please use the online Environmental Justice Areas Viewer.

2. Have you informed the surrounding community prior to submitting the application to the Department? ☒ Yes ☐ No

Method of notification:

1) Open house schedule mailed to affected parties;

2) Newspaper advertisements of open houses placed in newspapers of general circulation in the Project area;

3) Open houses (a mixture of virtual and in-person) held in the county of each major project scope item;
4) Newspaper advertisements prior to commencement of construction, which will be placed in those same publications;
5) Notification to businesses potentially affected by construction;
6) Designation of a point of contact for stakeholder communication;
7) A Project toll free telephone number for public inquiries; and
•8) A Project website with periodic updates of relevant information.

3. Have you addressed community concerns that were identified? ☒ Yes ☐ No ☐ N/A

If no, please briefly describe the community concerns that have been expressed and not addressed.

4. Is your project funded by state or federal grants? ☐ Yes ☒ No

Note: If "Yes", specify what aspect of the project is related to the grant and provide the grant source, contact person and grant expiration date.

Aspect of Project Related to Grant
Grant Source: _____
Grant Contact Person: _____
Grant Expiration Date: _____

5. Is this application for an authorization on Appendix A of the Land Use Policy? (For referenced list, see Appendix A of the Land Use Policy attached to GIF instructions) ☒ Yes ☐ No

Note: If "No" to Question 5, the application is not subject to the Land Use Policy.
If "Yes" to Question 5, the application is subject to this policy and the Applicant should answer the additional questions in the **Land Use Information** section.

LAND USE INFORMATION

Note: Applicants should submit copies of local land use approvals or other evidence of compliance with local comprehensive plans and zoning ordinances.

1.	**Is there an adopted county or multi-county comprehensive plan?**	☒	Yes	☐	No
2.	**Is there a county stormwater management plan?**	☒	Yes	☐	No
3.	**Is there an adopted municipal or multi-municipal comprehensive plan?**	☒	Yes	☐	No
4.	**Is there an adopted county-wide zoning ordinance, municipal zoning ordinance or joint municipal zoning ordinance?**	☒	Yes	☐	No
5.	**Does the proposed project meet the provisions of the zoning ordinance or does the proposed project have zoning approval?** If zoning approval has been received, attach documentation.	☒	Yes	☐	No
6.	**Have you attached Municipal and County Land Use Letters for the project?**	☐	Yes	☒	No

Note: If the Applicant answers "No" to either Questions 1, 3 or 4, the provisions of the PA MPC are not applicable and the Applicant does not need to respond to questions 5 and 6 below.
If the Applicant answers "Yes" to questions 1, 3 and 4, the Applicant should respond to questions 5 and 6 below.

* This Project is regulated by the Federal Energy Regulatory Commission (FERC) under the Natural Gas Act. FERC has exclusive jurisdiction over siting of the Project, therefore, local zoning is preempted.

COORDINATION INFORMATION

Note: The PA Historical and Museum Commission must be notified of proposed projects in accordance with DEP Technical Guidance Document 012-0700-001 utilizing the Project Review Form.

If the activity will be a mining project (i.e., mining of coal or industrial minerals, coal refuse disposal and/or the operation of a coal or industrial minerals preparation/processing facility), respond to questions 1.0 through 2.5 below.

If the activity will not be a mining project, skip questions 1.0 through 2.5 and begin with question 3.0.

1.0	**Is this a coal mining project?** If "Yes", respond to 1.1-1.6. If "No", skip to Question 2.0.	☐	Yes	☒	No
1.1	**Will this coal mining project involve coal preparation/ processing activities in which the total amount of coal prepared/processed will be equal to or greater than 200 tons/day?**	☐	Yes	☐	No
1.2	**Will this coal mining project involve coal preparation/ processing activities in which the total amount of coal prepared/processed will be greater than 50,000 tons/year?**	☐	Yes	☐	No
1.3	**Will this coal mining project involve coal preparation/ processing activities in which thermal coal dryers or pneumatic coal cleaners will be used?**	☐	Yes	☐	No
1.4	**For this coal mining project, will sewage treatment facilities be constructed and treated waste water discharged to surface waters?**	☐	Yes	☐	No
1.5	**Will this coal mining project involve the construction of a permanent impoundment meeting one or more of the following criteria: (1) a contributory drainage area exceeding 100 acres; (2) a depth of water measured by the upstream toe of the dam at maximum storage elevation exceeding 15 feet; (3) an impounding capacity at maximum storage elevation exceeding 50 acre-feet?**	☐	Yes	☐	No
1.6	**Will this coal mining project involve underground coal mining to be conducted within 500 feet of an oil or gas well?**	☐	Yes	☐	No
2.0	**Is this a non-coal (industrial minerals) mining project?** If "Yes", respond to 2.1-2.6. If "No", skip to Question 3.0.	☐	Yes	☒	No
2.1	**Will this non-coal (industrial minerals) mining project involve the crushing and screening of non-coal minerals other than sand and gravel?**	☐	Yes	☐	No
2.2	**Will this non-coal (industrial minerals) mining project involve the crushing and/or screening of sand and gravel with the exception of wet sand and gravel operations (screening only) and dry sand and gravel operations with a capacity of less than 150 tons/hour of unconsolidated materials?**	☐	Yes	☐	No
2.3	**Will this non-coal (industrial minerals) mining project involve the construction, operation and/or modification of a portable non-metallic (i.e., non-coal) minerals processing plant under the authority of the General Permit for Portable Non-metallic Mineral Processing Plants (i.e., BAQ-PGPA/GP-3)?**	☐	Yes	☐	No
2.4	**For this non-coal (industrial minerals) mining project, will sewage treatment facilities be constructed and treated waste water discharged to surface waters?**	☐	Yes	☐	No
2.5	**Will this non-coal (industrial minerals) mining project involve the construction of a permanent impoundment meeting one or more of the following criteria: (1) a contributory drainage area exceeding 100 acres; (2) a depth of water measured by the upstream toe of the dam at maximum storage elevation exceeding 15 feet; (3) an impounding capacity at maximum storage elevation exceeding 50 acre-feet?**	☐	Yes	☐	No

3.0	**Will your project, activity, or authorization have anything to do with a well related to oil or gas production, have construction within 200 feet of, affect an oil or gas well, involve the waste from such a well, or string power lines above an oil or gas well?** If "Yes", respond to 3.1-3.3. If "No", skip to Question 4.0.	☐	Yes	☒	No
3.1	**Does the oil- or gas-related project involve any of the following: placement of fill, excavation within or placement of a structure, located in, along, across or projecting into a watercourse, floodway or body of water (including wetlands)?**	☐	Yes	☐	No
3.2	**Will the oil- or gas-related project involve discharge of industrial wastewater or stormwater to a dry swale, surface water, ground water or an existing sanitary sewer system or storm water system?** If "Yes", discuss in *Project Description*.	☐	Yes	☐	No
3.3	**Will the oil- or gas-related project involve the construction and operation of industrial waste treatment facilities?**	☐	Yes	☐	No
4.0	**Will the project involve a construction activity that results in earth disturbance?** If "Yes", specify the total disturbed acreage.	☒	Yes	☐	No
	4.0.1 Total Disturbed Acreage + / - 672				
	4.0.2 Will the project discharge or drain to a special protection water (EV or HQ) or an EV wetland?	☒	Yes	☐	No
	4.0.3 Will the project involve a construction activity that results in earth disturbance in the area of the earth disturbance that are contaminated at levels exceeding residential or non-residential medium-specific concentrations (MSCs) in 25 Pa. Code Chapter 250 at residential or non-residential construction sites, respectively?	☐	Yes	☒	No
5.0	**Does the project involve any of the following: water obstruction and/or encroachment, wetland impacts, or floodplain project by the Commonwealth/political subdivision or public utility?** If "Yes", respond to 5.1-5.7. If "No", skip to Question 6.0.	☒	Yes	☐	No
5.1	**Water Obstruction and Encroachment Projects – Does the project involve any of the following: placement of fill, excavation within or placement of a structure, located in, along, across or projecting into a watercourse, floodway or body of water?**	☒	Yes	☐	No
5.2	**Wetland Impacts – Does the project involve any of the following: placement of fill, excavation within or placement of a structure, located in, along, across or projecting into a wetland?**	☒	Yes	☐	No
5.3	**Floodplain Projects by the Commonwealth, a Political Subdivision of the Commonwealth or a Public Utility – Does the project involve any of the following: placement of fill, excavation within or placement of a structure, located in, along, across or projecting into a floodplain?**	☐	Yes	☒	No
5.4	**Is your project an interstate transmission natural gas pipeline?**	☒	Yes	☐	No
5.5	**Does your project consist of linear construction activities which result in earth disturbance in two or more DEP regions AND three or more counties?**	☒	Yes	☐	No
5.6	**Does your project utilize Floodplain Restoration as a best management practice for Post Construction Stormwater Management?**	☐	Yes	☒	No
5.7	**Does your project utilize Class V Gravity / Injection Wells as a best management practice for Post Construction Stormwater Management?**	☐	Yes	☒	No
6.0	**Will the project involve discharge of construction related stormwater to a dry swale, surface water, ground water or separate storm water system?**	☒	Yes	☐	No

6.1	**Will the project involve discharge of industrial waste stormwater or wastewater from an industrial activity or sewage to a dry swale, surface water, ground water or an existing sanitary sewer system or separate storm water system?**	☒	Yes	☐	No
7.0	**Will the project involve the construction and operation of industrial waste treatment facilities?**	☐	Yes	☒	No
8.0	**Will the project involve construction of sewage treatment facilities, sanitary sewers, or sewage pumping stations?** If "Yes", indicate estimated proposed flow (gal/day). Also, discuss the sanitary sewer pipe sizes and the number of pumping stations/treatment facilities/name of downstream sewage facilities in the *Project Description*, where applicable.	☐	Yes	☒	No
	8.0.1 Estimated Proposed Flow (gal/day)				
9.0	**Will the project involve the subdivision of land, or the generation of 800 gpd or more of sewage on an existing parcel of land or the generation of an additional 400 gpd of sewage on an already-developed parcel, or the generation of 800 gpd or more of industrial wastewater that would be discharged to an existing sanitary sewer system?**	☐	Yes	☒	No
	9.0.1 Was Act 537 sewage facilities planning submitted and approved by DEP? If "Yes" attach the approval letter. Approval required prior to 105/NPDES approval.	☐	Yes	☐	No
10.0	**Is this project for the beneficial use of biosolids for land application within Pennsylvania?** If "Yes" indicate how much (i.e. gallons or dry tons per year).	☐	Yes	☒	No
	10.0.1 Gallons Per Year (residential septage)				
	10.0.2 Dry Tons Per Year (biosolids)				
11.0	**Does the project involve construction, modification or removal of a dam?** If "Yes", identify the dam.	☐	Yes	☒	No
	11.0.1 Dam Name				
12.0	**Will the project interfere with the flow from, or otherwise impact, a dam?** If "Yes", identify the dam.	☐	Yes	☒	No
	12.0.1 Dam Name				
13.0	**Will the project involve operations (excluding during the construction period) that produce air emissions (i.e., NOX, VOC, etc.)?**	☒	Yes	☐	No
	13.0.1 If "Yes", is the operation subject to the agricultural exemption in 35 P.S. § 4004.1?	☐	Yes	☒	No

13.0.2 If the answer to 13.0.1 is "No", identify each type of emission followed by the estimated amount of that emission.

Enter all types & amounts of emissions; separate each set with semicolons.

Summary of Compressor Station 515 Estimated Net Operational Potential to Emit (PTE): NOx - 196.8; CO - 314.40; VOC - 50.6; SO2 - 14.0; PM10/PM2.5 - 30.6; Single HAP (formaldehyde)- 8.7; Total HAP - 12.2; CO2e - 511,413 = Annual (tpy)

Summary of Pipeline and M&R Station Estimated Operational Potential to Emit (PTE): VOC - 1.17; Single HAP - 0.20; Total HAP - 0.20; CO2e - 5460.47 = Annual (tpy)

Modifications to Compressor Station 195 and Compressor Station 200 only include uprating existing electric motor-driven compression capacity or piping and valve modifications; therefore, Transco anticipates these facilities will have insignificant operational emissions.

14.0	**Does the project include the construction or modification of a drinking water supply to serve 15 or more connections or 25 or more people, at least 60 days out of the year?** If "Yes", check all proposed sub-facilities.	☐	Yes	☒	No
	14.0.1 Number of Persons Served _____				
	14.0.2 Number of Employee/Guests _____				
	14.0.3 Number of Connections _____				
	14.0.4 Sub-Fac: Distribution System	☐	Yes	☐	No
	14.0.5 Sub-Fac: Water Treatment Plant	☐	Yes	☐	No
	14.0.6 Sub-Fac: Source	☐	Yes	☐	No
	14.0.7 Sub-Fac: Pump Station	☐	Yes	☐	No
	14.0.8 Sub Fac: Transmission Main	☐	Yes	☐	No
	14.0.9 Sub-Fac: Storage Facility	☐	Yes	☐	No
15.0	**Will your project include infiltration of storm water or waste water to ground water within one-half mile of a public water supply well, spring or infiltration gallery?**	☒	Yes	☐	No
16.0	**Is your project to be served by an existing public water supply?** If "Yes", indicate name of supplier and attach letter from supplier stating that it will serve the project.	☐	Yes	☒	No
	16.0.1 Supplier's Name _____				
	16.0.2 Letter of Approval from Supplier is Attached	☐	Yes	☐	No
17.0	**Will this project be served by on-lot drinking water wells?**	☐	Yes	☒	No
18.0	**Will this project involve a new or increased drinking water withdrawal from a river, stream, spring, lake, well or other water bod(ies)?** If "Yes", reference Safe Drinking Water Program.	☐	Yes	☒	No
	18.0.1 Source Name				
19.0	**Will the construction or operation of this project involve treatment, storage, reuse, or disposal of waste?** If "Yes", indicate what type (i.e., hazardous, municipal (including infectious & chemotherapeutic), residual) and the amount to be treated, stored, re-used or disposed.	☐	Yes	☒	No
	19.0.1 Type & Amount				
20.0	**Will your project involve the removal of coal, minerals, contaminated media, or solid waste as part of any earth disturbance activities?**	☐	Yes	☒	No
21.0	**Does your project involve installation of a field constructed underground storage tank?** If "Yes", list each Substance & its Capacity. **Note:** Applicant may need a Storage Tank Site Specific Installation Permit.	☐	Yes	☒	No
	21.0.1 Enter all substances & capacity of each; separate each set with semicolons.				
22.0	**Does your project involve installation of an aboveground storage tank greater than 21,000 gallons capacity at an existing facility?** If "Yes", list each Substance & its Capacity. **Note:** Applicant may need a Storage Tank Site Specific Installation Permit.	☐	Yes	☒	No
	22.0.1 Enter all substances & capacity of each; separate each set with semicolons.				
23.0	**Does your project involve installation of a tank greater than 1,100 gallons which will contain a highly hazardous substance as defined in DEP's Regulated Substances List, 2570-BK-DEP2724?** If "Yes", list each Substance & its Capacity. **Note:** Applicant may need a Storage Tank Site Specific Installation Permit.	☐	Yes	☒	No
	23.0.1 Enter all substances & capacity of each; separate each set with semicolons.				

24.0	**Does your project involve installation of a storage tank at a new facility with a total AST capacity greater than 21,000 gallons?** If "Yes", list each Substance & its Capacity. **Note:** Applicant may need a Storage Tank Site Specific Installation Permit. **24.0.1 Enter all substances & capacity of each; separate each set with semicolons.**	☐	Yes	☒	No

NOTE: If the project includes the installation of a regulated storage tank system, including diesel emergency generator systems, the project may require the use of a Department Certified Tank Handler. For a full list of regulated storage tanks and substances, please go to www.dep.pa.gov search term storage tanks

25.0	**Will the intended activity involve the use of a radiation source?**	☐	Yes	☒	No

CERTIFICATION

I certify that I have the authority to submit this application on behalf of the applicant named herein and that the information provided in this application is true and correct to the best of my knowledge and information.

For applicants supplying an EIN number: I am applying for a permit or authorization from the Pennsylvania Department of Environmental Protection (DEP). As part of this application, I will provide DEP with an accurate EIN number for the applicant entity. By filing this application with DEP, I hereby authorize DEP to confirm the accuracy of the EIN number provided with the Pennsylvania Department of Revenue. As applicant, I further consent to the Department of Revenue discussing the same with DEP prior to issuance of the Commonwealth permit or authorization.

Type or Print Name Joseph Dean

Signature	Title	Date
	Manager, Permitting	02/24/2022

GIF Supporting Information

Project Component	Site	Site Location City	ZIP Code	Detailed Written Directions to Site	Latitude / Longitude
Effort Loop	Eastern Terminus	Saylorsburg	18353	From 209: heading East – Turn Right onto Frable Rd/T432. Follow for 1.7 miles. Turn Right onto Meixsell Valley Road/T361. Follow for .2 miles then turn left. Destination is in ~340 feet. Heading West-Turn Left onto Rte 115. Follow for 1.1 miles, then turn right onto Meixsell Valley Rd/T361. Continue for 1.4 miles then turn left. Destination is in ~340 feet.	40.896796, -75.370606
	Western Terminus	Long Pond	18334	From I-80: Heading East- Take exit 284 for PA-115 towards Blakeslee. Keep right at the fork, follow signs for Lake Harmony/Brodheadsville and merge on PA-115 S. Follow for 3.2 miles. Turn Left onto Long Pond Road. Destination will be in ~.2 miles. Heading West- Take exit 384 for PA-115 S. Turn left onto PA-115 S. Follow for 3.4 miles. Turn Left onto Long Pond Rd. Destination will be in ~.2 miles.	41.053413, -75.526178
Regional Energy Lateral	Eastern Terminus	White Haven	18661	From I-80: Heading West-Take exit 284 towards Blakeslee. Merge onto PA-115 N. Follow for 8.2 Miles. Turn Right onto Ridgeway Ave. Destination will be in .2 miles. Heading East- Take exit 284 towards Blakeslee. Turn left onto PA-115 N. Follow for 8.4 miles. Turn Right onto Ridgeway Ave. Destination will be in .2 miles. From I-476: Heading South- Take exit 105 to merge onto PA-115 S. Follow PA-115 S for 8.4 miles. Turn left onto Ridgeway Ave. Destination will be in .2 Miles	41.173337, -75.671706
	Western Terminus	Dallas	18612	From PA-309: Heading South-Head South on PA-309 S toward Dallas RV and MHP. Turn Left onto Hildebrandt Rd. Follow for .4 miles then turn right onto Conyngham Ave. Follow for .4 miles. Continue onto Fairground Road. Destination will be to the left in .2 Miles. Heading North-Head North on PA-309 N toward Grandview Ave. Turn right onto Hildebrandt Rd. Follow for .4 miles then turn right onto Conyngham Ave. Follow for .4 miles. Continue onto Fairground Road. Destination will be to the left in .2 Miles.	41.346917, -75.946263
Compressor Station 515		White Haven	18661	Same as REL Eastern Terminus	41.173337, -75.671706
Compressor Station 200		Frazer	19355	From I-76: East Bound- Take exit 312 toward PA-100 S/Pottstown Pike (Toll Rd). Keep left at the fork and follow signs for PA-100 S/Downingtown and merge onto PA-100 S/Pottstown Pike. Follow for 2.5 miles. Turn left onto N. Ship Rd and follow for .6 miles. Turn left onto Valley Hill Rd and follow for 1.7 miles. Turn right onto PA-401 E. Follow for .5 miles then turn right onto Bacton Hill Rd. Destination will be in .5 Miles. Heading West-Take exit 320 toward Melvern Turn left onto PA-29 S. Turn right at the 1st cross street onto Flat Rd. Turn right onto Sidley Road and then in .4 miles, turn left onto Phoenixville Pike. In .9 miles turn right onto PA-401 W and follow for 1 mile. Turn left onto N. Bacton Hill Road. Destination will be on the right in .5 miles.	40.049969, -75.585849
Delaware River Regulator/Lower Mud Run Meter Station		Easton	18040	To Delaware River Regulator- From 22: East Bound- Take the 4th Street/PA-248 Exit toward PA-611. Turn Left onto PA-248 E/Bushkill St. Follow for .4 miles then turn left onto PA-611 N. Keep right to continue on PA-611 N/N Delaware Dr and follow for 5 miles. Turn Left onto Lower Mud Run Rd. Destination will be on the left in .4 miles. To Lower Mud Run Meter Station- Head +/- 200' northwest from the Delaware River Regulator. The site is immediately adjacent to Delaware River Regulator.	40.762166, -75.19644/ 40.762706, -75.197631
Main Line A Regulator		Washington Crossing	18977	From I-295: Take exit 10 toward New Hope. Turn left onto Taylorsville Rd. Continue straight to stay on Taylorsville Rd. In .9 miles turn right onto Mt Eyre Rd. Follow for .2 miles then turn right onto PA-32 S. The destination will be on the right in 407 feet.	40.268063, -74.857125

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Proposed Facility Modification/Addition
Existing Compressor Station
Mile Post
Existing Springville Pipeline
Proposed Pipeline
Existing Transco Pipelines
Proposed Limits of Disturbance
Municipal Boundaries

Existing Compressor Station 515 and Proposed MLV-515RA10

Notes:
1. Maps Reduced from USGS 7.5 Minute Quadrangles:
Avoca, Kingston, Pittston, Pleasant View Summit, & Wilkes-Barre East

1 Inch = 2,000 Feet
0 2,000 4,000 Feet

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TRANSCONTINENTAL GAS PIPE LINE COMPANY, LLC

REGIONAL ENERGY ACCESS EXPANSION PROJECT
PROPOSED 30" REGIONAL ENERGY LATERAL

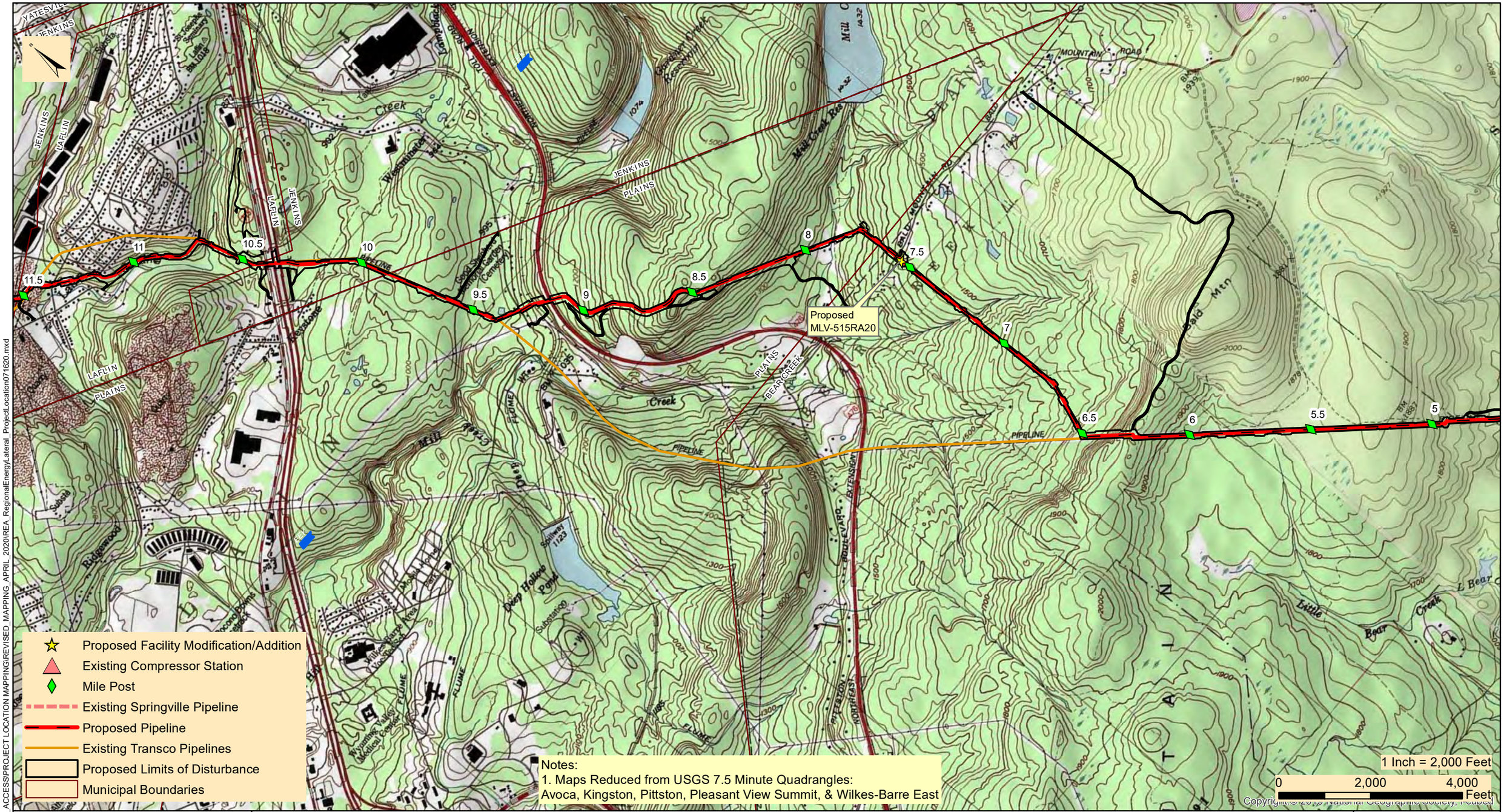
PROJECT LOCATION MAP

BUCK & BEAR CREEK TOWNSHIPS | LUZERNE COUNTY | PENNSYLVANIA

Date: 2/28/2022

Drawn By: FTN

Figure Number: REL-1



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TRANSCONTINENTAL GAS PIPE LINE COMPANY, LLC

REGIONAL ENERGY ACCESS EXPANSION PROJECT

PROPOSED 30" REGIONAL ENERGY LATERAL

PROJECT LOCATION MAP

BEAR CREEK, JENKINS, PLAINS TWPS, & LAFLIN BOROUGH | LUZERNE COUNTY | PENNSYLVANIA

Date: 2/28/2022

Drawn By: FTN

Figure Number: REL-2

Carverton Tie-In

Proposed MLV-515RA30

17.5 17 16.5 16 15.5 15 14.5 14 13.5 13 12.5 12 11.5 11 10.5 10

- Proposed Facility Modification/Addition
- Existing Compressor Station
- Mile Post
- Existing Springville Pipeline
- Proposed Pipeline
- Existing Transco Pipelines
- Proposed Limits of Disturbance
- Municipal Boundaries

Notes:
1. Maps Reduced from USGS 7.5 Minute Quadrangles:
Avoca, Kingston, Pittston, Pleasant View Summit, & Wilkes-Barre East

1 Inch = 2,000 Feet
0 2,000 4,000 Feet

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TRANSCONTINENTAL GAS PIPE LINE COMPANY, LLC

REGIONAL ENERGY ACCESS EXPANSION PROJECT

PROPOSED 30" REGIONAL ENERGY LATERAL

PROJECT LOCATION MAP

KINGSTON, JENKINS, WEST WYOMING, WYOMING, & LAFLIN | LUZERNE COUNTY | PENNSYLVANIA

Date: 2/28/2022

Drawn By: FTN

Figure Number: REL-3

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20.5
20
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19.5
19
17.5
17
16.5

Hildebrandt Tie-in/
MLV-515RA40

Lower Demunds
REL Tie-In

Carverton
Tie-In

Proposed Facility Modification/Addition
Existing Compressor Station
Mile Post
Existing Springville Pipeline
Proposed Pipeline
Existing Transco Pipelines
Proposed Limits of Disturbance
Municipal Boundaries

Notes:
1. Maps Reduced from USGS 7.5 Minute Quadrangles:
Avoca, Kingston, Pittston, Pleasant View Summit, & Wilkes-Barre East

1 Inch = 2,000 Feet
0 2,000 4,000 Feet

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Williams

TRANSCONTINENTAL GAS PIPE LINE COMPANY, LLC

REGIONAL ENERGY ACCESS EXPANSION PROJECT
PROPOSED 30" REGIONAL ENERGY LATERAL

PROJECT LOCATION MAP

DALLAS, KINGSTON, & WEST WYOMING TOWNSHIP | LUZERNE COUNTY | PENNSYLVANIA

Date: 2/28/2022

Drawn By: FTN

Figure Number: REL-4

Tax Account Number / APN	Legal Desc County	Municipality
04H12 00A05Y000	Luzerne	Plains
33E11 00A0A1000	Luzerne	Plains
33F10 00A07C000	Luzerne	Plains
33F10 00A07E000	Luzerne	Plains
33F10 00A007000	Luzerne	Plains
50F10S2 00203Q000	Luzerne	Plains
50F10S2 00203R000	Luzerne	Plains
50G10 00A00H000	Luzerne	Plains
50G11 00110B000	Luzerne	Plains
50G11 00110B000	Luzerne	Plains
50G11 00A014000	Luzerne	Plains
50G11 00A015000	Luzerne	Plains
50G11 00A016000	Luzerne	Plains
50G11 00A016000	Luzerne	Plains
50G11 00A14A000	Luzerne	Plains
50G11 00A15C000	Luzerne	Plains
50G11 00A15D000	Luzerne	Plains
50G11 00A15M000	Luzerne	Plains
50G11 00A15N000	Luzerne	Plains
50G11 00A15P000	Luzerne	Plains
50G11 00A15Q000	Luzerne	Plains
50G11 00A15R000	Luzerne	Plains
50G11 00B009000	Luzerne	Plains
50G11 00110B000	Luzerne	Plains
50G11 00A014000	Luzerne	Plains
50G11 00A016000	Luzerne	Plains
50G11 00A04D000	Luzerne	Plains
50G11 00A09C000	Luzerne	Plains
50-G11- 00A-10B-000	Luzerne	Plains
50G11 00A15B000	Luzerne	Plains
50G11 00A16A000	Luzerne	Plains
50G11 00A25G000	Luzerne	Plains
50-G11-00A-09A-000	Luzerne	Plains
50-G11-00B-10A-000	Luzerne	Plains
50G12 00A06A000	Luzerne	Plains
50G12 00A06E000	Luzerne	Plains
50G12 00A06G000	Luzerne	Plains
50G12 00A06H000	Luzerne	Plains
50G12 00AVAR000	Luzerne	Plains
50G12 00AVAR000	Luzerne	Plains
50G12H1200A007000	Luzerne	Plains
50H11 00A004000	Luzerne	Plains
50H11 00A019000	Luzerne	Plains
50H11 00A12A000	Luzerne	Plains

Tax Account Number / APN	Legal Desc County	Municipality
50H12 00A002000	Luzerne	Plains
50H12 00A003000	Luzerne	Plains
50H12 00A02F000	Luzerne	Plains
50-H12- 00A-006-000	Luzerne	Plains
67F10 00A14A000	Luzerne	Plains

COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
BUREAU OF CLEAN WATER

MUNICIPAL NOTIFICATION OF PLANNED LAND DEVELOPMENT FOR CHAPTER 102 PERMITS

PROJECT INFORMATION (COMPLETED BY APPLICANT)

Applicant Name:	**Transcontinental Gas Pipe Line Company, a subsidiary of Williams Partners, L.P.**	Contact Name:	**Joseph Dean** **Manager-Permitting**
Applicant Address:	**2800 Post Oak Blvd, Level 11**	Contact Phone:	**(713) 215-3427**
Applicant City, State, ZIP:	**Houston, TX 77056**	County:	**Luzerne**
		Municipality:	**West Wyoming**

Description of Proposed Land Development and Stormwater Controls:

The Regional Energy Lateral component of the Regional Energy Access Expansion Project will consist of approximately 22.3 miles of 30-inch diameter pipeline, partially co-located with existing Transco Leidy Line-A, in Buck, Bear Creek, Plains, Jenkins, Kingston and Dallas Townships, and Laflin, Wyoming, and West Wyoming Boroughs, Luzerne County, Pennsylvania. The Regional Energy Lateral begins at existing Compressor Station 515 in Buck Township and continues westward to its terminus at Transco's existing Hildebrandt Tie-in in Dallas Township. Transco will be installing four mainline valves with appurtenant equipment, as a means to isolate gas flows along the Regional Energy Lateral. The mainline valve sites at each pipeline terminus (MLV515RA10 at Compressor Station 515 and MLV515RA40 at the Hildebrandt Tie-in) will also have pig traps (industry term for manifolds that launch or receive in-line inspection tools). The other two valve sites are proposed along the pipeline route (MLV515RA20 at Milepost 7.5 and MLV515RA30 at Milepost 14.8). Modifications at three existing pipeline interconnects are proposed to tie-in the proposed pipeline to the existing facilities. The Carverton Tie-In is located at Milepost 16.8. The Lower Demunds Tie-In is located at Milepost 22.3 and also includes a +/- 400-ft segment of 20-in pipeline to connect to the existing facility. The Hildebrandt Tie-In is located at the Regional Energy Lateral pipeline terminus and includes MLV515RA40. Two contractor yards are proposed for the Project and are located adjacent to the pipeline. CY-LU-001 is located at Milepost 15.3 and CY-LU-002 is located at Milepost 10.5. Cathodic protection equipment will be installed along the pipeline route. Deep anode ground beds are proposed at Mileposts 7.5 and 19.8, and one remote anode ground bed is proposed at Milepost 15.3. E&S and PCSM BMP's are proposed within West Wyoming Borough, with PCSM BMP's proposed at the Carverton Tie-In.

Project Area: **84.28** acres ☐ Phased

Disturbance: **35.60** acres

Tax Parcel ID(s) Affected by Proposed Land Development:

See attached table

Surface Waters Receiving Stormwater Discharges:

Abrahams Creek

Discharge to: ☐ MS4 ☐ Other SS ☐ CSS

The following information was submitted to the municipality for this project:

☐ Land Development / Subdivision Plan ☒ E&S Plan ☒ PCSM Plan ☐ Other:

***On March 31, 2021 Transco submitted to you its E&S and PCSM Plans (Plans) as part of the ESCGP-3 permit application notification. The purpose of this notice is to let you know that Transco will be submitting an Erosion and Sediment Control Permit for Discharges of Stormwater Associated with Construction Activities Application to the PA Dept. of Environmental Protection to replace the ESCGP-3 application. Please refer to the previously submitted Plans.**

MUNICIPAL PLAN / ORDINANCE INFORMATION (COMPLETED BY MUNICIPALITY)		
1. Is there an adopted municipal or multi-municipal comprehensive plan?	☐ Yes	☐ No
2. Is there an enacted municipal or multi-municipal zoning ordinance?	☐ Yes	☐ No
3. If Yes to #2, is the proposed project consistent with the ordinance?	☐ Yes	☐ No
4. Is there a municipal stormwater management ordinance?	☐ Yes	☐ No
5. If Yes to #4, is the proposed project consistent with the ordinance, without waiver?	☐ Yes	☐ No

6. If Yes to #4, indicate type of ordinance: ☐ Act 167 Model Ordinance ☐ DEP Model Ordinance (MS4s) ☐ Other

APPLICANT CERTIFICATION	MUNICIPAL ACKNOWLEDGEMENT
I certify under penalty of law (see 18 Pa.C.S. § 4904 (relating to unsworn falsification)) that the information reported herein was prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the information, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.	The municipality acknowledges that a permit application for the above-referenced project has been submitted to a reviewing agency and that notification requirements of Act 14 of 1984 and Acts 67, 68, and 127 of 2000 have been satisfied. The information reported herein by the municipality is true and accurate. The municipality reserves the right to comment to the reviewing agency relative to comprehensive plans, zoning, and stormwater ordinance consistency. Municipal acknowledgment of receipt of notification shall not be construed as project approval.

Joseph Dean

Applicant Name

Municipal Representative Name

Applicant Signature

Municipal Representative Signature

Manager - Permitting

Applicant Title

Municipal Representative Title

07/01/2021

Date of Signature

Date of Signature

Tax Account Number / APN	Legal Desc County	Municipality
66E10 00A003000	Luzerne	West Wyoming
66E10 00A004000	Luzerne	West Wyoming
66E10 00A00A000	Luzerne	West Wyoming
66E10 00A014000	Luzerne	West Wyoming
66E10 00A017000	Luzerne	West Wyoming
66E10 00A01A000	Luzerne	West Wyoming
66E10 00A01B000	Luzerne	West Wyoming
66E10 00A04C000	Luzerne	West Wyoming
66E10 00A05B000	Luzerne	West Wyoming
66E10 00A0A1000	Luzerne	West Wyoming
66E10S2 001001000	Luzerne	West Wyoming
66E10S2 001004000	Luzerne	West Wyoming
66E10S2 001029000	Luzerne	West Wyoming
66E10S2 00102A000	Luzerne	West Wyoming
66E10S2 00102B000	Luzerne	West Wyoming
66E10S2 001030000	Luzerne	West Wyoming
66E10S2 002001000	Luzerne	West Wyoming
66E10S2 002002000	Luzerne	West Wyoming
66E10S2 002002000	Luzerne	West Wyoming
66E10S2 00201A000	Luzerne	West Wyoming
66E10SE4001011000	Luzerne	West Wyoming
66F10 00A005000	Luzerne	West Wyoming

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WHM CONSULTING, INC

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March 31, 2021

UPS TRACKING (1Z8797VV0394733212)

West Wyoming Borough Supervisors
464 West 8th Street
West Wyoming, PA 18644

Re: Regional Energy Access Expansion Project– Regional Energy Lateral and Compressor Station 515
Pennsylvania Acts 14, 67, 68, and 127 Notification
West Wyoming Borough, Luzerne County, Pennsylvania

Dear Borough Supervisors:

This municipal notice, under the requirements of Act 14, 97 P.S. § 510-5, is to inform you that Transcontinental Gas Pipe Line Company, LLC (Transco), a subsidiary of The Williams Companies, Inc. (Williams) is applying for coverage under the Erosion and Sediment Control General Permit (ESCGP-3) for Earth Disturbance Associated with Oil & Gas Exploration, Production, Processing or Treatment Operations or Transmission Facilities from the Pennsylvania Department of Environmental Protection (DEP).

1) Project Name: Regional Energy Access Expansion Project – Regional Energy Lateral and Compressor Station 515

2) Project Description: Transco, indirectly owned by The Williams Companies, Inc. (Williams), is seeking authorization from the Federal Energy Regulatory Commission (FERC or Commission) under Section 7(c) of the Natural Gas Act and Part 157 of the Commission's regulations, to construct, own, operate, and maintain the proposed Project facilities. The Project is an expansion of Transco's existing natural gas transmission system that will enable Transco to provide an incremental 829,400 dekatherms per day (Dth/d) of year-round firm transportation capacity from the Marcellus Shale production area in northeastern Pennsylvania (PA) to multiple delivery points along Transco's Leidy Line in PA, Transco's mainline at the Station 210 Zone 6 Pooling Point in Mercer County, New Jersey (NJ) and multiple delivery points in Transco's Zone 6 in NJ, PA, and Maryland (MD).

The Regional Energy Lateral component of the Project will consist of approximately 22.3 miles of 30-inch diameter pipeline, partially co-located with existing Transco Leidy Line-A, in Buck, Bear Creek, Plains, Jenkins, Kingston and Dallas Townships, and Laflin, Wyoming, and West Wyoming Boroughs, Luzerne County, Pennsylvania. The Regional Energy Lateral begins at existing Compressor Station 515 in Buck Township and continues westward to its terminus at Transco's existing Hildebrandt Tie-in in Dallas Township. Transco will be installing four mainline valves with appurtenant equipment, as a means to isolate gas flows along the Regional Energy Lateral. The mainline valve sites at each pipeline terminus (MLV515RA10 at Compressor Station 515 and MLV515RA40 at the Hildebrandt Tie-in) will also have pig traps (industry term for manifolds that launch or receive in-line inspection tools). The other two valve sites are proposed along the pipeline route (MLV515RA20 at Milepost 7.5 and MLV515RA30 at Milepost 14.8). Modifications at three existing pipeline interconnects are proposed to tie-in the proposed pipeline to the existing facilities. The Carverton Tie-In is located at Milepost 16.8. The Lower Demunds Tie-In is located at Milepost 22.3 and also includes a +/- 400-ft segment of 20-in pipeline to connect to the existing facility. The Hildebrandt Tie-In is located at the Regional Energy Lateral pipeline terminus and includes MLV515RA40. Two contractor yards are proposed for the Project and are located adjacent to the pipeline. CY-LU-001 is located at Milepost 15.3 and CY-LU-002 is located at Milepost 10.5. Cathodic protection equipment will be installed along the pipeline route. Deep anode ground beds are proposed at Mileposts 7.5 and 19.8, and one remote anode ground bed is proposed at Milepost 15.3.

The existing Compressor Station 515 component of the Project is located at the eastern terminus of the Regional Energy Lateral in Buck Township, Luzerne County. Proposed at this facility is the addition of two gas-fired turbine driven compressor units with 63,742 nominal HP at ISO conditions and modification of three existing compressors to support the Project and to accommodate the abandonment and replacement of approximately 17,000 HP from five existing gas-fired reciprocating engine driven compressors and increase the certificated station compression by 46,742 HP. One Mainline Valve will be installed at this facility (MLV515RA10).

3) Applicant Name: Transcontinental Gas Pipe Line Company, LLC's (Transco), a subsidiary of Williams Partners L.P. (Williams)

4) Applicant Contact: Joseph Dean
Manager, Permitting
2800 Post Oak Blvd, Level 11
Houston, TX 77056
(713) 215-3427

5) Site Location: The proposed Project is located on the Kingston, Pittston, Wilks-Barre East, Pleasant View Summit, Pennsylvania, 7.5 Minute USGS quadrangle. The Project is partially co-located with an existing pipeline right-of-way. The eastern terminus of the Regional Energy Lateral is located at: 41°10'24.037" 75°40'18.141"W, and is also the location of Compressor Station 515. The western pipeline terminus: 41°20'48.869"N, 75°56'46.642"W.

6) Municipality / County: Buck, Bear Creek, Plains, Jenkins, Kingston, Dallas, Wyoming, West Wyoming, Laflin Townships, Luzerne County

Act 14, which amended the Commonwealth's Administrative Code (71 P.S. § 510-5), requires every applicant for a new, amended, or revised permit to give written notice to each municipality (borough, township) and county government in which the facility is located. The municipality and county government must receive the written notice at least thirty (30) - days before DEP may issue or deny approval of coverage.

Enclosed is a complete copy of the Notice of Intent (NOI) completed for the project as well as copies of the erosion and sediment control plan and post construction stormwater management plans.

Sincerely,

Ryan J. Nelson, PWS
WHM Consulting, LLC

Enclosures:
NOI Form
Erosion and Sediment Control Plan Drawings
Post Construction Stormwater Management Plan Drawings

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pennsylvania
DEPARTMENT OF ENVIRONMENTAL PROTECTION

COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
OFFICE OF WATER PROGRAMS
OFFICE OF OIL AND GAS MANAGEMENT

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AUTH
SITE
CLNT
APS
Fee
Check No.
Check Date

NOTICE OF INTENT (NOI) FOR COVERAGE UNDER THE EROSION AND SEDIMENT CONTROL GENERAL PERMIT (ESCGP-3) FOR EARTH DISTURBANCE ASSOCIATED WITH OIL AND GAS EXPLORATION, PRODUCTION, PROCESSING, OR TREATMENT OPERATIONS OR TRANSMISSION FACILITIES

READ THE INSTRUCTIONS PROVIDED IN THIS PERMIT APPLICATION PACKAGE BEFORE COMPLETING THIS FORM. PLEASE PRINT OR TYPE INFORMATION IN BLACK OR BLUE INK.

SECTION A. APPLICATION TYPE

Check one:

NEW ☒ **RENEWAL** ☐ **MAJOR MODIFICATIONS (Provide ESCGP number)** ☐

PHASED ☐ (check only if applicable; *note: Most projects are not submitted as phased projects*)

Check one: EXPEDITED ☐ **STANDARD** ☒

If an Expedited Review Process being requested, be advised that the Expedited Review is not available for all projects. Refer to Section D - Expedited Review Process of the ESCGP-3 NOI Instructions to determine if the project is eligible.

SECTION B. CLIENT INFORMATION

Applicant's Last Name (If applicable)	First Name	MI	Telephone No.
Organization Name or Registered Fictitious Name Transcontinental Gas Pipe Line Company, LLC (Contact: Joseph Dean)			Telephone No. (713) 215-3427
DEP Client ID No.			
Headquarters Mailing Address 2800 Post Oak Blvd, Level 11	City Houston	State TX	ZIP Code 77056
Email Address Joseph.Dean@williams.com			
Co-Applicant's Last Name (If applicable)	First Name	MI	Telephone No.
Organization Name or Registered Fictitious Name			Telephone No.

Address	City	State	ZIP Code
Email Address			

SECTION C. SITE INFORMATION			
Is there an existing ESCGP associated with this site? ☐ Yes ☒ No If yes, Permit No. _____			
Has a well permit application been submitted for this site? ☐ Yes ☒ No If yes, Permit No. _____ Does this site have a 911 address? ☐ Yes ☒ No If yes, provide site location address.			
Site Name Regional Energy Access Expansion Project			
Site Location See Attachment 1-1.1- NOI Supporting Information	Site No. (if another permit has been issued for the site)		
Site Location – City See Attachment 1-1.1- NOI Supporting Information		State PA	ZIP Code
Detailed Written Directions to Site See Attachment 1-1.1- NOI Supporting Information for locations of all project sites			

Primary Location	County	Municipality	City	Boro	Twp.
	Luzerne, Northhampton, Bucks, Chester, and Monroe	Buck, Bear Creek, Plains, Jenkins, Kingston, Lower Mt. Bethel, Ross, Chestnut Hill, Tunkhannock, Lower Makefield, East Whiteland and Dallas Townships Wyoming, West Wyoming, and Laflin Boroughs	☐	☒	☒

SECTION D. EXPEDITED REVIEW	
I. Expedited Review Eligibility	
1. Is any part of the project in the watershed of a surface water with an existing or designated use of exceptional value or high quality pursuant to Chapter 93 (relating to water quality standards), in an exceptional value wetland in accordance with 25 Pa. Code § 105.17, or in the watershed of an impaired surface water where the cause of the impairment is identified as siltation?	☒ Yes ☐ No
2. Will the project in which the well pad will be constructed be in or on a floodplain?	☐ Yes ☒ No
3. Is any earth disturbance located or proposed to be located on land known to be contaminated by the release of regulated substances as defined in Section 103 of Act 2, 35 P.S. § 6026.103?	☐ Yes ☒ No
4. Will naturally occurring geologic formations or soil conditions provide hazards to the project or surrounding environment or have the potential to cause or contribute to pollution when disturbed?	☒ Yes ☐ No
5. Do any unresolved non-compliance issues exist with the applicant or the facility?	☐ Yes ☒ No
6. Is the project a transmission project?	☒ Yes ☐ No

If yes to any of the above questions the project is not eligible for Expedited Review; If the project is eligible for Expedited Review, all the following items must be completed.	
II. Expedited Review Process	
1. Is the technically and administratively complete and accurate NOI package prepared and certified by a licensed professional?	☐ Yes ☐ No
2. Are E&S and PCSM/Site Restoration Plan drawings and narrative prepared and sealed by a licensed professional? *(Include interim restoration details when needed)*	☐ Yes ☐ No
3. Include a Resource Delineation Report and answer the following questions: (If the answer to question a. is "Yes" then skip to #4. If the answer to a. is "No" the applicant must answer "Yes" to at least one of the questions, b. through d. to be eligible for expedited review.)	
a. Were all wetland resources delineated during the growing season?	☐ Yes ☐ No
b. If not during the growing season, was a follow-up visit conducted during the growing season to verify/adjust boundaries and look for potentially missed resources?	☐ Yes ☐ No
c. Was a quality assurance field review conducted at a later date by an independent qualified wetland professional to verify boundaries and look for potentially missed resources? (If yes, attach Quality Assurance Field Review Report)	☐ Yes ☐ No
d. Was a Jurisdictional Determination (JD) or Preliminary JD conducted by the US Army Corps of Engineers on the whole project? (If yes, attach Preliminary or Jurisdictional Determination Report)	☐ Yes ☐ No
4. If applicable, have you included PNDI clearance letters or other documentation from applicable resource agencies?	☐ Yes ☐ No
5. If the project site contains, is along, or within 100 feet of a river, stream, creek, lake, pond or reservoir, will you establish new or preserve existing riparian forest buffer at least 100 feet in width between the top of streambank or normal pool elevation of a lake, pond or reservoir and areas of earth disturbances. If no, will a waiver be obtained? ☐ Yes ☐ No	☐ Yes ☐ No
6. Name of Licensed Professional Company	
Address	
Phone	

SECTION E. PROJECT INFORMATION			
1. Total Project Area/Project Site (Ac):	1,346 (Also see Attachment 1-1.1)	Total Disturbed Area (Ac):	689.8 (Also see Attachment 1-1.1)
Increased disturbed acreage *(for permit modification only)*			
Fee: ***(For additional information regarding fees, refer to NOI Instructions #3 Permit NOI Filing Fees.)***			$ $500 (Filing Fee), $69,000 (Disturbed Acre Fee)
2. Project Name: Regional Energy Access Expansion Project			

3. Project Type (Check all that apply)

- ☐ Oil/Gas Well [1]
- ☐ Gathering Facility
- ☐ Treatment Facility
- ☒ Compressor Station
- ☒ Pipeline
- ☐ Storage Field Facility
- ☐ Other
- ☒ Transmission Facility
- ☐ Processing Facility
- ☐ Well Development Impoundment
- ☐ Non-FERC regulated Transmission Facility
- ☐ Ground/Surface Water Withdrawal Site

[1] If Oil/Gas Well; is the well conventional or unconventional? ☐ Conventional ☐ Unconventional

Project Description

Transco, indirectly owned by The Williams Companies, Inc. (Williams), is seeking authorization from the Federal Energy Regulatory Commission (FERC or Commission) under Section 7(c) of the Natural Gas Act and Part 157 of the Commission's regulations, to construct, own, operate, and maintain the proposed Project facilities

The Project is an expansion of Transco's existing natural gas transmission system that will enable Transco to provide an incremental 829,400 dekatherms per day (Dth/d) of year-round firm transportation capacity from the Marcellus Shale production area in northeastern Pennsylvania (PA) to multiple delivery points along Transco's Leidy Line in PA, Transco's mainline at the Station 210 Zone 6 Pooling Point in Mercer County, New Jersey (NJ) and multiple delivery points in Transco's Zone 6 in NJ, PA, and Maryland (MD). The Project will consist of the following components:
•Approximately 22.3 miles of 30-inch-diameter pipeline partially collocated with Transco's Leidy Line A from milepost (MP) 0.00 to MP 22.32 in Luzerne County, PA (Regional Energy Lateral);
• Approximately 13.8 miles of 42-inch-diameter pipeline collocated with Transco's Leidy Line System from MP 43.72 to MP 57.50 in Monroe County, PA (Effort Loop);
• New gas-fired turbine driven compressor station identified as Compressor Station 201 with 11,107 nominal horsepower (HP) at International Organization of Standardization (ISO) conditions in Gloucester County, NJ;
• Addition of two gas-fired turbine driven compressor units with 31,800 nominal HP at ISO conditions at existing Compressor Station 505 in Somerset County, NJ, to accommodate the abandonment and replacement of approximately 16,000 HP from eight existing internal combustion engine-driven compressor units and increase the certificated station compression by 15,800 HP;
• Addition of two gas-fired turbine driven compressor units with 63,742 nominal HP at ISO conditions and modification of three existing compressors at existing Compressor Station 515 in Luzerne County, PA to support the Project and to accommodate the abandonment and replacement of approximately 17,000 HP from five existing gas-fired reciprocating engine driven compressors and increase the certificated station compression by 46,742 HP;
• Uprate and rewheel two existing electric motor-driven compressor units at existing Compressor Station 195 in York County, PA to increase the certificated station compression by 5,000 HP and accommodate the abandonment of two existing gas-fired reciprocating engine driven compressors which total approximately 8,000 HP of compression;
•Modifications at existing Compressor Station 200 in Chester County, PA;
•Uprate one existing electric motor-driven compressor unit at Compressor Station 207 in Middlesex County, NJ to increase the certificated station compression by 4,100 HP;
• Modifications to three (3) existing pipeline tie-ins in PA (Hildebrandt Tie-in, Lower Demunds REL Tie-in, and Carverton Tie-in);
•Addition of regulation controls at an existing valve setting on Transco's Mainline "A" in Bucks County, PA (Mainline A Regulator);
•Modifications at the existing Delaware River Regulator in Northampton County, PA;
•Modifications at the existing Centerville Regulator in Somerset County, NJ;
•Modifications to the existing valves and piping at the Princeton Junction (Station 210 Pooling Point) in Mercer County, NJ;
• Modifications to three (3) existing delivery meter stations in NJ (Camden M&R Station, Lawnside M&R Station, and Mt. Laurel M&R Station);
•Modifications to one (1) existing delivery meter station in MD (Beaver Dam M&R Station);
•Contractual changes (no modifications) at ten (10) existing delivery meter stations in PA and NJ (Algonquin-Centerville Meter Station, Post Road Meter Station, New Village Meter Station, Spruce Run Meter Station, Marcus Hook Meter Station, Ivyland Meter Station, Repaupo Meter Station, Morgan Meter Station, Lower Mud Run Meter Station, and Chesterfield Meter Station);
• Additional ancillary facilities, such as mainline valves (MLVs), cathodic protection, communication facilities, and internal inspection device (e.g., pig) launchers and receivers in PA; and
• Existing, improved, and new access roads and contractor yards/staging areas in PA, NJ, and MD.
Provide the date of pre-application meeting (if conducted with the Department) 04/27/20, 07/09/20, 09/04/20, 09/30/20, 12/15/20, 12/16/20, 01/06/21, 02/05/21

4. Provide the latitude and longitude coordinates for the center of the project. The coordinates should be in Decimal degrees and North American Datum 1983. The coordinates must meet the current DEP policy regarding locational accuracy. For linear projects provide the project's termini. See Attachment 1-1.1

Latitude (DD) . Longitude (DD) - .

Latitude (DD) . Longitude (DD) - .

Horizontal Collection Method: ☐ GPS ☒ Interpolated from U.S.G.S. Topographic Map ☐ DEP's eMAP

5. U.S.G.S. 7.5 min. topographic quadrangle Name (See Attachment 1-1.1)
(*Include a copy of the project area on the 7.5 min quad map)*

6. Will the project be conducted as a phased permit project? ☐ Yes ☒ No
If Yes, Include Master Site Plan Estimated Timetable for Phased Projects. ☐ Additional sheet(s) attached.

Phase No. or Name	Description	Total Area	Disturbed Area	Start Date	End Date

7. List existing and previous land use for a minimum of the previous 5 years. (See Section 2 of this ESCGP-3 Application)

8. Other Pollutants: Will the stormwater discharge contain pollutional substances other than sediment? ☐ Yes ☒ No

9. Will fuels, chemicals, solvents, other hazardous waste or materials be used or stored on site during earth disturbance activities or will Horizontal Directional Drilling (HDD) activities be conducted?
Yes ☒ No ☐ ***(If yes, Preparedness, Prevention and Contingency (PPC) Plan must be maintained on site during earth disturbance. See NOI Instructions, E.9 PPC Plan Guidance for further information.)***

10. Is the project in the watershed of an impaired surface water where the cause of the impairment is identified as siltation?
Yes ☒ No ☐ (See Section 2-5 of this ESCGP-3 Application) ***(If yes, show how the project will not result in a net change in volume, rate or water quality. See section I below, and E.10 of NOI instructions.)***

11. Are there potentially hazardous naturally occurring geological or soil conditions in any portion of the project or surrounding area? Yes ☒ No ☐

If yes, do the potentially hazardous geologic or soil conditions have the potential to cause or contribute to pollution as a result of the proposed earth disturbance activities?

If no, provide an explanation.

If yes, Geologic Hazard Mitigation Plan must be attached and explain where in this application details are provided.

12. Has the Act 14 Municipal Notification and proof of receipt of notification been attached to the NOI?
Yes ☒ No ☐ ***(If not, the NOI is not complete, see E.12 and #4 Municipal Notification in the NOI Instructions for additional guidance.)***

13. Has the PNDI receipt been attached to the NOI?
Yes ☒ No ☐ ***(If not, the NOI is not complete, see E.13 and #5 PNHP in the NOI Instructions for additional guidance.)***

14. Have the E&S Plan and PCSM/SR Plan been planned and designed to be consistent?
Yes ☒ No ☐

15. Have existing and/or proposed Riparian Forest Buffers been identified?
Yes ☒ N/A ☐ ***(If yes, they must be shown on the E&S Plan as well as the PCSM/SR Plans.)***

16. Have antidegradation implementation requirements for special protection waters been addressed?
Yes ☒ No ☐ N/A ☐ ***(If yes, antidegradation requirements must be included in the plan.)***

17. Has the seasonal high groundwater level been identified and 20-inch separation established at all excavation locations for pits for conventional operations and Well Development Impoundments for unconventional operations?

    Yes ☐ No ☐ N/A ☒

18. Receiving Waters	Chapter 93, Designated Use Stream Classification	Chapter 93, Existing Use Stream Classification
Effort Loop- Lake Creek (HQ-CWF,MF) Princess Run (CWF,MF) Weir Creek (CWF,MF) McMichael Creek (EV, MF) and (HQ-CWF) Pohopoco Creek (CWF,MF) Sugar Hollow Creek (CWF,MF) Poplar Creek (EV,CWF,MF) Mud Run (HQ-CWF, MF) Mud Pond Run (HQ-CWF,EV,MF) Tunkhannock Creek (HQ-CWF,MF) Regional Energy Lateral- Stony Run (HQ-CWF,MF) Shades Creek (HQ-CWF,MF) Little Shades Creek (HQ-CWF,MF) Snider Run (HQ-CWF,MF) Meadow Run (HQ-CWF,MF) Bear Creek (HQ-CWF,MF) Little Bear Creek (HQ-CWF,MF) Mill Creek (CWF,MF) Gardner Creek (CWF,MF) Susquehanna River (WWF,MF) Abrahams Creek (CWF,MF) Toby Creek (CWF,MF) Trout Brook (CWF,MF) Compressor Station 515- Shades Creek (HQ-CWF,MF) Stony Run (HQ-CWF,MF) Compressor Station 200- Valley Creek (EV,MF) Delaware River Regulator- Mud Run (CWF, MF) Mainline "A" Regulator - Dyers Creek (WWF,MF) See Attachment 1-1.1 for detailed list.	☒ HQ ☒ EV ☒ Other CWF, MF, WWF ☒ Siltation-impaired	☐ HQ ☒ EV ☒ Other MF ☐ Siltation-impaired
	☐ HQ ☐ EV ☐ Other _____ ☐ Siltation-impaired	☐ HQ ☐ EV ☐ Other _____ ☐ Siltation-impaired

	☐ HQ ☐ EV ☐ Other _____ ☐ Siltation-impaired ☐ HQ ☐ EV ☐ Other _____ ☐ Siltation-impaired	☐ HQ ☐ EV ☐ Other _____ ☐ Siltation-impaired ☐ HQ ☐ EV ☐ Other _____ ☐ Siltation-impaired
Secondary Receiving Water	Secondary Chapter 93, Designated Use	Secondary Existing Use
Name of Municipal or Private Separate Storm Sewer Operator, if applicable.		
Non-Surface Receiving Water: (include off-site discharges)		

SECTION F. EROSION AND SEDIMENT CONTROL (E&S) PLAN

See the attached Instructions for additional guidance with E&S Plans

Erosion and Sediment Control Plan BMPs should be designed to minimize accelerated erosion and sedimentation through limiting the extent and duration of earth disturbance, protection of existing drainage and vegetation, limiting soil compaction and controlling the generation of increased runoff. The Department recommends the use of the *Pennsylvania Erosion & Sedimentation Pollution Control Program Manual (E&S Manual)* (363-2134-008) to achieve this goal. The E&S Plan must meet the requirements of Pa. Code § 102.4(b) and submitted with the NOI. Also, see section 2. of the NOI instruction for detailed information on completing the E&S plan and additional requirements.

a. E&S Plan Summary

Provide a summary of proposed E&S BMPs and their performance to manage E&S for the project.

Typical BMPs provided along the pipeline Right-Of-Way includes waterbars, trench plugs, compost filter socks, compost sediment traps, rock filter outlets, erosion control blankets, rock construction entrances, temporary equipment bridges, timber mats, diversion channels, level spreaders, mulch and seed. An appropraite sediment removal device (filter bag, dewatering structure) and well-vegetated area will be utilized for trench dewatering. In HQ, EV watersheds, appropriate Antidegradation Best Available Combination of Technologies (ABACT) BMPs will be utilized. Additional information regarding all the proposed BMPs are provided in the Erosion and Sedimentation Control and Site Restoration Plans of respective project components (Section 2 of this ESCGP-3 Application).

b. E&S Plan BMP Design

Check those that apply:

☒ E&S Plan is designed using BMPs in the *E&S Manual*.

☐ E&S Plan is designed using an alternative BMP or design standard approved by DEP.

Note: NOI packages submitted with alternate BMPs not approved by the Department will be returned to the Applicant.

c. Do you have any information regarding riparian buffer which differs from Section G, Riparian Buffer?

Yes ☐ No ☒

Explain:

d. Thermal Impacts Analysis

Explain how thermal impacts associated with this project were avoided, minimized, or mitigated.

Thermal impacts associated with Regional Energy Access Expansion Project will be avoided to the maximum extent possible. Minimum permanent changes in land cover are being proposed for constructing the pipeline facilities. Runoff from impervious areas added during the project will be suitably routed to Stormwater BMPs. Gravel will be used for access roads wherever practicable. To avoid thermal impacts arising from clearing and grading, removal of vegetation will be limited to only that necessary for construction and construction Right-Of-Way will be limited to 75 feet in wetlands and floodways where practical. Once construction activities are complete, disturbed areas will be restored to pre-construction contours and seeded as described in Erosion and Sediment Control and Site Restoration Plans. Temporary workspaces will be restored back with woody and herbaceous species. Thermal impacts assessments corresponding to each project component including pipelines and aboveground facilities are given in Section 2 and 3 of this ESCGP-3 Application.

e. Off-Site Discharge Analysis

Does the activity propose any off-site discharges to areas other than surface waters? ☒ Yes ☐ No

If yes, it is the applicant's responsibility to ensure that they have legal authority for any off-site discharge to neighboring properties.

The applicant must provide a demonstration in both E&S and PCSM/SR plans that the discharge will not cause erosion, damage, or a nuisance to off-site properties.

See Offsite Discharge Analysis Sections in E&S Narratives

SECTION G. RIPARIAN BUFFER

1. Will you be protecting, converting or establishing a voluntary riparian forest buffer as part of this project?
   ☐ Yes ☒ No
   If yes, as part of the PCSM/SR Plan, provide a Buffer Management Plan.
2. Will proposed earth disturbance activities be conducted in an EV or HQ watershed AND within 150 feet of a perennial or intermittent river, stream, or creek, or lake, pond, or reservoir? ☒ Yes ☐ No

   If no, proceed to the next section/module.
3. Does this project qualify for an exception (see § 102.14(d)(1))? ☒ Yes ☐ No

   If yes, indicate below the type of project for which the exception applies by marking the appropriate box.

   ☐ Oil and gas activities for which site reclamation or restoration is part of the permit authorization in Chapter 78 and 78a.

   ☒ Road maintenance activities.

   ☐ The repair or maintenance of existing pipelines and utilities.

   ☐ Other (see §102.14(d)(1))

   If exceptions are checked, explain how existing riparian buffer will be undisturbed to the extent practicable. Provide a demonstration that the requirements of §102.14(b) are met, or provide the necessary information to request a riparian buffer waiver.
4. Are you requesting a riparian buffer waiver for this project (see § 102.14(d)(2))? ☒ Yes ☐ No

   If yes, indicate below the type of project for which you are requesting a waiver by marking the appropriate box.

   ☒ Linear project that may include pipelines, public roadways, rail lines, or utility lines.

   ☒ Project is of a temporary nature where the site will be fully restored to its preexisting conditions during the ESCGP permit term.

   ☒ Project where compliance with mandatory riparian buffers is not appropriate or feasible due to site characteristics or existing structures at the project site.

   ☐ Other (see §102.14(d)(2)):

   If waivers are checked, explain how existing riparian buffers will be undisturbed to the extent practicable.

   Note: If “Yes” to #2 **AND** “No” to #3 and #4, provide an attachment to demonstrate how the requirements of §102.14 are met.

SECTION H. POST CONSTRUCTION STORMWATER MANAGEMENT (PCSM) AND/OR SITE RESTORATION(SR) PLAN

See NOI Instructions for additional guidance with PCSM Plans

PCSM/SR BMPs should be designed to use natural measures to eliminate pollution, infiltrate runoff, not require extensive construction/maintenance, promote pollutant reduction, and preserve the integrity of stream channels. All PCSM/SR BMPs proposed in the PCSM/SR Plan must be designed in accordance with Ch. 102, Ch. 78a for unconventional operations, Ch. 78 for conventional operations and the *Pennsylvania Stormwater Best Management Practices Manual (Stormwater BMP Manual)* (363-0300-002). If alternate design criteria are utilized for the proposed project, they must have prior approval by the Department, or the NOI Application will be returned to the Applicant.

After construction is completed, how much of the entire disturbed area will be restored to meadow in good condition or better, or existing conditions? ☐ All ☒ Partial ☐ None

Include PCSM narrative and drawings for remaining impervious area. Also include a map showing the proposed contours of the site restoration plan.

If there are additional stages of the project prior to permit termination or expiration, list the stages and provide the documents required by subsection 'a' to section 'g' for each stage (e.g. partial restoration or changes to the amount of compacted areas, gravel, and/or impervious areas). Upload a narrative for each additional stage in addition to the drawings.

EXAMPLE

Stage No	Stage Name	PCSM Plan	SR Plan
Stage 1		☐	☐
Stage 2		☐	☐
Stage 3		☐	☐
Stage 4		☐	☐

Act 167 Consistency. Check those that apply.

Is there an Act 167 Plan? ☒ Yes ☐ No

☒ The attached PCSM/SR Plan is consistent with an applicable approved Act 167 Plan.

Complete the following for all approved Act 167 Stormwater Management Plans. (Use additional sheets if necessary)

Act 167 Plan Name	Date Adopted	Consistency Letter Included	
Luzerne County Stormwater Management Ordinance	August 18, 2010	Verification Report Included	☒
Valley Creek Watershed Stormwater Management Plan	February 04, 2011		

Note: A consistency letter is not required if a verification report is provided. See NOI Instructions. The PCSM/SR Plan must satisfy either sub paragraph 1, 2, or 3 below. Check those that apply.

1. ☒ Act 167 Plan approvals on or after January 2005 – The attached PCSM/SR Plan, in its entirety, is consistent with all requirements pertaining to rate, volume, and water quality from an Act 167 Stormwater Management Plan approved by DEP on or after January 2005. Box 1 must be checked if a current, DEP approved Act 167 plan exists.

2. ☒ The PCSM/SR Plan meets the standard design criteria from sections 102.8(g)(2) and (3) and the *Stormwater BMP Manual*. For projects involving oil and gas activities authorized by a permit issued under Chapter 78 or Chapter 78a (well pads) or pipelines and other similar utility infrastructure, post construction stormwater management requirements are met for all areas that are restored to preconstruction conditions or to a condition of meadow in good condition or better. *[Note: PCSM plans must meet both the volume and rate requirements in the regulations, which are provided in the 2 sections mentioned in this paragraph].*

3. ☐ Alternative Design Standard – The attached PCSM/SR Plan was developed using approaches as provided in 102.8(g)(2)(iv) and 102.8(g)(3)(iii). Demonstrate/explain in the space provided below how this standard will be either more protective than what is required in 102.8(g)(2) and 102.8(g)(3) or will maintain and protect existing water quality and existing and designated uses.

PCSM/SR BMP Alternative Standards:

Has the alternative BMP or design standard been approved by the Department?

☐ Yes

☐ No – Do not submit the ESCGP-3 application and see Section (H) of the NOI Instructions concerning the alternative BMP approval process.

Water Quality Compliance:

Does the PCSM/SR plan comply with requirements for volume control? ☒ Yes ☐ No

If yes, is at least 90% of the disturbed area controlled by a PCSM BMP? ☒ Yes ☐ No

If yes, do you have the Standard PCSM Worksheet # 10 attached to show water quality compliance has achieved?
☒ Yes ☐ No

If no, attach Standard PCSM Worksheets # 12 and #13 to show water quality compliance has achieved.

If PCSM/SR plan is not complying with the requirements for volume control, attach Standard PCSM Worksheets # 11, # 12 and #13 to show water quality compliance has achieved.

a. PCSM/SR Plan Summary

Provide a summary of proposed BMPs and their performance to manage PCSM/SR for the project.

Along the pipeline Right-Of-Way, typical E&S BMPs such as waterbars and erosion control blanket will be left in place as part of site restoration. After construction activities are completed, temporary workspaces will be restored to meadow in good condition or better than existing conditions. For the aboveground facilities, PCSM BMPs such as infiltration basins, diversion channels and vegetated swales will be used and left in place as part of site restoration. Additional information regarding all the proposed BMPs are provided in the Post-Construction Stormwater Management Plans of respective project components (Section 3 of this ESCGP-3 Application).

Check all that apply ☒ PCSM BMPs ☒ SR BMPs

b. Do you have any information regarding riparian buffer which differs from what was submitted in the Section G, Riparian Buffer?

☐ Yes ☒ No

Explain:

c. Thermal Impacts Analysis

Explain how thermal impacts associated with this project were avoided, minimized, or mitigated.

Runoff collected in PCSM BMPS such as infiltration basins will mitigate thermal impacts from post construction stormwater. Runoff collected in infiltration basins are discharged to receiving waters are not expected to be retained for more than 24 hours. Minimum permanent changes in land cover are being proposed for constructing the pipeline facilities. Gravel will be used for access roads wherever practicable. Removal of trees and riparian vegetation and addition of impervious surfaces will be limited to only that necessary for construction. Once construction activities are complete, disturbed areas will be restored to pre-construction contours and seeded as described in Erosion and Sedimental Control and Site Restoration Plans. Temporary workspaces will be restored back with woody and herbaceous species. Thermal impacts assessments correspoding to each project component including pipelines and aboveground facilities are given in Section 2 and 3 of this ESCGP-3 Application.

d. Off-Site Discharge Analysis.

Does the activity propose any off-site discharges to areas other than surface waters? ☒ Yes ☐ No

If yes, it is the applicant's responsibility to ensure that they have legal authority for any off-site discharge to neighboring properties.

The Applicant must provide a demonstration in both the E&S and PCSM/SR Plans that the discharge will not cause erosion, damage, or a nuisance to off-site properties.

See Offsite Discharge Analysis Sections in PCSM Narratives

NOI Section H. POST CONSTRUCTION STORMWATER MANAGEMENT (PCSM) PLANS

Summary Calculations of Post Construction Stormwater BMPs

1. Regional Energy Lateral Pipeline - MLV-515RA20
2. Regional Energy Lateral Pipeline - MLV-515RA30
3. Regional Energy Lateral Pipeline - Carverton Tie-in
4. Regional Energy Lateral Pipeline - Lower Demunds REL Tie-in
5. Regional Energy Lateral Pipeline – Hildebrandt Tie-in/MLV-515RA40
6. Effort Loop Pipeline - MLV-505LD86
7. Compressor Station 200
8. Compressor Station 515

NOTICE OF INTENT (NOI) FOR COVERAGE UNDER THE EROSION AND SEDIMENT CONTROL GENERAL PERMIT (ESCGP-3) FOR EARTH DISTURBANCE ASSOCIATED WITH OIL AND GAS EXPLORATION, PRODUCTION, PROCESSING, OR TREATMENT OPERATIONS OR TRANSMISSION FACILITIES

TABLES IN ADDENDUM OF NOI

SECTION H. POST CONSTRUCTION STORMWATER MANAGEMENT (PLAN) BMPs

Regional Energy Lateral Pipeline - MLV-515RA20 - Zenker Valve Yard

e. Summary Table for Supporting Calculation and Measurement Data
(See NOI Instructions for additional guidance with this section)

The remainder of this section (Summary Table for Calculation and Measurement Data) does not need to be completed for areas of projects involving oil and gas activities authorized by Chapter 78 or Chapter 78a (well pads) or pipelines and other similar utility infrastructure which will be restored to meadow in good condition or better or existing conditions.

Watershed Name: Mill Creek

Volume Control design storm frequency 2-year Rainfall amount 2.95 inches	Pre-construction	Post Construction	Net Change
Impervious area (acres)	0.00	0.19	+0.19
Volume of stormwater runoff (acre-feet) without planned stormwater BMPs	0.04	0.06	+0.02
Volume of stormwater runoff (acre-feet) with planned stormwater BMPs		0.03	-0.01
Stormwater discharge rate for the design frequency storm	Pre-construction	Post Construction	Net Change
1) 2-Year/24-Hour	3.51	3.22	-0.29
2) 10-Year/24-Hour	6.82	6.17	-0.65
3) 50-year/24-Hour	11.88	11.12	-0.76
4) 100-year/24-Hour	14.91	14.91	-0.00

f. Summary Description of PCSM/SR BMPs

In the lists below, check the BMPs identified in the PCSM Plan. The primary function(s) of the BMP listed in the functions column (infiltration/recharge; detention/retention; water quality). Additional functions may be added if applicable to that BMP. List the stormwater volume and area of runoff to be treated by each BMP type when calculations are required. If any BMP in the PCSM/SR Plan is not listed below, describe it in the space provided after "Other". A summary table with infiltration testing information (Attachment E, included in the NOI Instructions) must be submitted for all Bio-infiltration BMPs included in PCSM/SR plan.

For Rate control provide the volume of stormwater treated and acres treated for the 100-year/24-hour storm event.

For volume control and water quality provide the volume of stormwater treated and acres treated for the 2-year/24-hour storm event.

Key for BMP purpose(s): VC = Volume Control; RC = Rate Control; and WQ = Water Quality

BMP	Function(s)	Purpose(s)	Volume of stormwater treated	Acres treated
Site Restoration ONLY				
☐ Restore Site to Meadow in Good Condition or Better, or Existing Conditions	Infiltration/Recharge Detention/WQ Treatment	☐ VC ☐ RC ☐ WQ	_____	_____
Bio-infiltration areas	Infiltration/Recharge			
☐ Infiltration Trench		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Infiltration Bed		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Infiltration Basin		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Rain Garden/ Bioretention		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Infiltration Berm				
☐ Vegetated Swale		☐ VC ☐ RC ☐ WQ	_____	_____
Natural Area Conservation	Infiltration/Recharge			
☐ Streamside Buffer Zone		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Wetland Buffer Zone		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Sensitive Area Buffer Zone		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Pre-Construction Drainage Pattern Intact		☐ VC ☐ RC ☐ WQ	_____	_____
Stormwater Retention	Detention/Retention			
☐ Constructed Wetlands		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Wet Ponds		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Retention Basin		☐ VC ☐ RC ☐ WQ	_____	_____
Sediment and Pollutant Removal	Water Quality Treatment			
☐ Vegetated Filter Strips		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Compost Filter Sock		☐ VC ☐ RC ☐ WQ	_____	_____
☒ Detention Basins		☒ VC ☒ RC ☒ WQ	1,396cf(2-yr); 6,186cf(100-yr)	0.28
Access Road Design	Infiltration/Recharge			
☐ Road Crowning		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Ditches		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Turnouts		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Culverts		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Roadside Vegetated Filter Strips		☐ VC ☐ RC ☐ WQ	_____	_____

Stormwater Energy Dissipaters	Infiltration/Recharge			
☐ Level Spreaders		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Riprap Aprons		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Upslope Diversions		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Other_____		☐ VC ☐ RC ☐ WQ	_____	_____

g. Critical PCSM Plan stages

Identify and list critical stages of implementation of the PCSM Plan for which a licensed professional or designee shall be present on site.

1. Upon commencement of construction activities to ascertain the Dry Extended Detention Basin area has been flagged and fence erected to prevent access to the area.

2. At completion of Diversion Channels to ensure they have been constructed to the proposed lines and grades, the specified lining materials have been installed in accordance with the requirements of the plans and specifications, and if applicable, vegetation has been established.

3. At the beginning of construction of the Dry Extended Detention Basin to ensure the infiltration area has not been compacted by construction activities.

4. During construction of the Dry Extended Detention Basin the licensed professional will observe that the BMP is constructed in accordance with the plans and specifications.

5. At completion of Collection Channel C1 to ensure it has been constructed to the proposed line and grade, the specified lining material has been installed in accordance with the requirements of the plans and specifications, and if applicable, vegetation has been established.

6. Following installation of the Valve Yard Pad subgrade to ensure stormwater flow is directed to Collection Channel C1.

7. For final inspection of constructed BMPs.

8. At the establishment of hard surface stabilization or 70% vegetation covers to allow removal of E&S controls.

NOTICE OF INTENT (NOI) FOR COVERAGE UNDER THE EROSION AND SEDIMENT CONTROL GENERAL PERMIT (ESCGP-3) FOR EARTH DISTURBANCE ASSOCIATED WITH OIL AND GAS EXPLORATION, PRODUCTION, PROCESSING, OR TREATMENT OPERATIONS OR TRANSMISSION FACILITIES

TABLES IN ADDENDUM OF NOI

SECTION H. POST CONSTRUCTION STORMWATER MANAGEMENT (PLAN) BMPs

Regional Energy Lateral Pipeline - MLV-515RA30 - Wyoming Valve Yard

b. Summary Table for Supporting Calculation and Measurement Data

(See NOI Instructions for additional guidance with this section)

The remainder of this section (Summary Table for Calculation and Measurement Data) does not need to be completed for areas of projects involving oil and gas activities authorized by Chapter 78 or Chapter 78a (well pads) or pipelines and other similar utility infrastructure which will be restored to meadow in good condition or better or existing conditions.

Watershed Name: Susquehanna-Solomon Creek

Volume Control design storm frequency 2-year Rainfall amount 2.57 inches	Pre-construction	Post Construction	Net Change
Impervious area (acres)	0.00	0.24	+0.24
Volume of stormwater runoff (acre-feet) without planned stormwater BMPs	0.03	0.06	+0.03
Volume of stormwater runoff (acre-feet) with planned stormwater BMPs	[redacted]	0.03	-0.00
Stormwater discharge rate for the design frequency storm	Pre-construction	Post Construction	Net Change
1) 2-Year/24-Hour	0.22	0.02	-0.20
2) 10-Year/24-Hour	0.68	0.03	-0.65
3) 50-year/24-Hour	1.52	0.06	-1.46
4) 100-year/24-Hour	2.06	0.07	-1.99

c. Summary Description of PCSM/SR BMPs

In the lists below, check the BMPs identified in the PCSM Plan. The primary function(s) of the BMP listed in the functions column (infiltration/recharge; detention/retention; water quality). Additional functions may be added if applicable to that BMP. List the stormwater volume and area of runoff to be treated by each BMP type when calculations are required. If any BMP in the PCSM/SR Plan is not listed below, describe it in the space provided after "Other". A summary table with infiltration testing information (Attachment E, included in the NOI Instructions) must be submitted for all Bio-infiltration BMPs included in PCSM/SR plan.

For Rate control provide the volume of stormwater treated and acres treated for the 100-year/24-hour storm event.

For volume control and water quality provide the volume of stormwater treated and acres treated for the 2-year/24-hour storm event.

Key for BMP purpose(s): VC = Volume Control; RC = Rate Control; and WQ = Water Quality

BMP	Function(s)	Purpose(s)	Volume of stormwater treated	Acres treated
Site Restoration ONLY				
☐ Restore Site to Meadow in Good Condition or Better, or Existing Conditions	Infiltration/Recharge Detention/WQ Treatment	☐ VC ☐ RC ☐ WQ	_____	_____
Bio-infiltration areas	Infiltration/Recharge			
☐ Infiltration Trench		☐ VC ☐ RC ☐ WQ	_____	_____
☒ Infiltration Bed		☒ VC ☒ RC ☒ WQ	451cf(2-yr); 2,511cf(100-yr)	0.21
☐ Infiltration Basin		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Rain Garden/ Bioretention		☐ VC ☐ RC ☐ WQ	_____	
☐ Infiltration Berm		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Soil Amendment		☐ VC ☐ RC ☐ WQ	_____	_____
Natural Area Conservation	Infiltration/Recharge			
☐ Streamside Buffer Zone		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Wetland Buffer Zone		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Sensitive Area Buffer Zone		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Pre-Construction Drainage Pattern Intact		☐ VC ☐ RC ☐ WQ	_____	_____
Stormwater Retention	Detention/Retention			
☐ Constructed Wetlands		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Wet Ponds		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Retention Basin		☐ VC ☐ RC ☐ WQ	_____	_____
Sediment and Pollutant Removal	Water Quality Treatment			
☐ Vegetated Filter Strips		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Compost Filter Sock		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Detention Basins		☐ VC ☐ RC ☐ WQ	_____	_____
Access Road Design	Infiltration/Recharge			
☐ Road Crowning		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Ditches		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Turnouts		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Culverts		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Roadside Vegetated Filter Strips		☐ VC ☐ RC ☐ WQ	_____	_____

Stormwater Energy Dissipaters ☐ Level Spreaders ☐ Riprap Aprons ☐ Upslope Diversions ☒ OtherVegetated Swale	Infiltration/Recharge	☐ VC ☐ RC ☐ WQ ☐ VC ☐ RC ☐ WQ ☐ VC ☐ RC ☐ WQ ☒ VC ☒ RC ☒ WQ	_____ _____ _____ 1,009cf(2-yr); 4,264cf(100-yr)	_____ _____ _____ 0.49

d. Critical PCSM Plan stages

Identify and list critical stages of implementation of the PCSM Plan for which a licensed professional or designee shall be present on site.

1. Upon commencement of construction activities to ascertain the Vegetated Swale area has been flagged and fence erected to prevent access to the area.
2. At the beginning of construction of the Vegetated Swale to ensure the infiltration area has not been compacted by construction activities.
3. During construction of the Vegetated Swale the licensed professional will observe that the BMP is constructed in accordance with the plans and specifications.
4. At completion of Collection Channel C1 to ensure it has been constructed to the proposed line and grade, the specified lining material has been installed in accordance with the requirements of the plans and specifications, and if applicable, vegetation has been established.
5. Following installation of the Valve Yard Pad subgrade to ensure stormwater flow is directed to the infiltration berm.
6. For final inspection of constructed BMPs.
7. At the establishment of hard surface stabilization or 70% vegetation covers to allow removal of E&S controls.

NOTICE OF INTENT (NOI) FOR COVERAGE UNDER THE EROSION AND SEDIMENT CONTROL GENERAL PERMIT (ESCGP-3) FOR EARTH DISTURBANCE ASSOCIATED WITH OIL AND GAS EXPLORATION, PRODUCTION, PROCESSING, OR TREATMENT OPERATIONS OR TRANSMISSION FACILITIES

TABLES IN ADDENDUM OF NOI

SECTION H. POST CONSTRUCTION STORMWATER MANAGEMENT (PLAN) BMPs

Regional Energy Lateral Pipeline - Carverton Tie-In

b. Summary Table for Supporting Calculation and Measurement Data

(See NOI Instructions for additional guidance with this section)

The remainder of this section (Summary Table for Calculation and Measurement Data) does not need to be completed for areas of projects involving oil and gas activities authorized by Chapter 78 or Chapter 78a (well pads) or pipelines and other similar utility infrastructure which will be restored to meadow in good condition or better or existing conditions.

Watershed Name: Abrahams Creek

Volume Control design storm frequency 2-year Rainfall amount 2.61 inches	Pre-construction	Post Construction	Net Change
Impervious area (acres)	0.03	0.11	+0.08
Volume of stormwater runoff (acre-feet) without planned stormwater BMPs	0.02	0.03	+0.01
Volume of stormwater runoff (acre-feet) with planned stormwater BMPs	[redacted]	0.00	-0.02
Stormwater discharge rate for the design frequency storm	Pre-construction	Post Construction	Net Change
1) 2-Year/24-Hour	0.46	0.00	-0.46
2) 10-Year/24-Hour	0.91	0.00	-0.91
3) 50-year/24-Hour	1.61	0.00	-1.61
4) 100-year/24-Hour	2.01	0.00	-2.01

c. Summary Description of PCSM/SR BMPs

In the lists below, check the BMPs identified in the PCSM Plan. The primary function(s) of the BMP listed in the functions column (infiltration/recharge; detention/retention; water quality). Additional functions may be added if applicable to that BMP. List the stormwater volume and area of runoff to be treated by each BMP type when calculations are required. If any BMP in the PCSM/SR Plan is not listed below, describe it in the space provided after "Other". A summary table with infiltration testing information (Attachment E, included in the NOI Instructions) must be submitted for all Bio-infiltration BMPs included in PCSM/SR plan.

For Rate control provide the volume of stormwater treated and acres treated for the 100-year/24-hour storm event.

For volume control and water quality provide the volume of stormwater treated and acres treated for the 2-year/24-hour storm event.

Key for BMP purpose(s): VC = Volume Control; RC = Rate Control; and WQ = Water Quality

BMP	Function(s)	Purpose(s)	Volume of stormwater treated	Acres treated
Site Restoration ONLY				
☐ Restore Site to Meadow in Good Condition or Better, or Existing Conditions	Infiltration/Recharge Detention/WQ Treatment	☐ VC ☐ RC ☐ WQ	_____	_____
Bio-infiltration areas	Infiltration/Recharge			
☐ Infiltration Trench		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Infiltration Bed		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Infiltration Basin		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Rain Garden/ Bioretention		☐ VC ☐ RC ☐ WQ	_____	
☒ Infiltration Berm		☒ VC ☒ RC ☒ WQ	1,280cf (2-yr); 4,445cf(100-yr)	0.26
Natural Area Conservation	Infiltration/Recharge			
☐ Streamside Buffer Zone		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Wetland Buffer Zone		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Sensitive Area Buffer Zone		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Pre-Construction Drainage Pattern Intact		☐ VC ☐ RC ☐ WQ	_____	_____
Stormwater Retention	Detention/Retention			
☐ Constructed Wetlands		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Wet Ponds		☒ VC ☒ RC ☒ WQ	_____	_____
☐ Retention Basin		☐ VC ☐ RC ☐ WQ	_____	_____
Sediment and Pollutant Removal	Water Quality Treatment			
☐ Vegetated Filter Strips		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Compost Filter Sock		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Detention Basins		☐ VC ☐ RC ☐ WQ	_____	_____
Access Road Design	Infiltration/Recharge			
☐ Road Crowning		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Ditches		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Turnouts		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Culverts		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Roadside Vegetated Filter Strips		☐ VC ☐ RC ☐ WQ	_____	_____

Stormwater Energy Dissipaters	Infiltration/Recharge			
☐ Level Spreaders		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Riprap Aprons		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Upslope Diversions		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Other_____		☐ VC ☐ RC ☐ WQ	_____	_____

d. Critical PCSM Plan stages

Identify and list critical stages of implementation of the PCSM Plan for which a licensed professional or designee shall be present on site.

1. At the beginning of construction to ascertain the Infiltration Berm area has been flagged and fence erected to prevent access to the area.
2. Following installation of the Valve Yard Pad subgrade to ensure stormwater flow is directed to the infiltration berm.
3. At the beginning of construction of the Infiltration Berm to ensure the infiltration area has not been compacted by construction activities.
4. During construction of the infiltration berm the licensed professional will observe that the berm is constructed in accordance with the plans and specifications.
5. For final inspection of constructed BMPs.
6. At the establishment of hard surface stabilization or 70% vegetation covers to allow removal of E&S controls.

NOTICE OF INTENT (NOI) FOR COVERAGE UNDER THE EROSION AND SEDIMENT CONTROL GENERAL PERMIT (ESCGP-3) FOR EARTH DISTURBANCE ASSOCIATED WITH OIL AND GAS EXPLORATION, PRODUCTION, PROCESSING, OR TREATMENT OPERATIONS OR TRANSMISSION FACILITIES

TABLES IN ADDENDUM OF NOI

SECTION H. POST CONSTRUCTION STORMWATER MANAGEMENT (PLAN) BMPs

Regional Energy Lateral Pipeline - Lower Demunds REL Tie-In

b. Summary Table for Supporting Calculation and Measurement Data

(See NOI Instructions for additional guidance with this section)

The remainder of this section (Summary Table for Calculation and Measurement Data) does not need to be completed for areas of projects involving oil and gas activities authorized by Chapter 78 or Chapter 78a (well pads) or pipelines and other similar utility infrastructure which will be restored to meadow in good condition or better or existing conditions.

Watershed Name: Toby Creek

Volume Control design storm frequency 2-year Rainfall amount 3.40 inches	Pre-construction	Post Construction	Net Change
Impervious area (acres)	0.00	0.12	+0.12
Volume of stormwater runoff (acre-feet) without planned stormwater BMPs	0.02	0.04	+0.02
Volume of stormwater runoff (acre-feet) with planned stormwater BMPs		0.01	-0.01
Stormwater discharge rate for the design frequency storm	Pre-construction	Post Construction	Net Change
1) 2-Year/24-Hour	0.20	0.00	-0.20
2) 10-Year/24-Hour	0.40	0.00	-0.40
3) 50-year/24-Hour	0.71	0.20	-0.51
4) 100-year/24-Hour	0.89	0.51	-0.38

c. Summary Description of PCSM/SR BMPs

In the lists below, check the BMPs identified in the PCSM Plan. The primary function(s) of the BMP listed in the functions column (infiltration/recharge; detention/retention; water quality). Additional functions may be added if applicable to that BMP. List the stormwater volume and area of runoff to be treated by each BMP type when calculations are required. If any BMP in the PCSM/SR Plan is not listed below, describe it in the space provided after "Other". A summary table with infiltration testing information (Attachment E, included in the NOI Instructions) must be submitted for all Bio-infiltration BMPs included in PCSM/SR plan.

For Rate control provide the volume of stormwater treated and acres treated for the 100-year/24-hour storm event.

For volume control and water quality provide the volume of stormwater treated and acres treated for the 2-year/24-hour storm event.

Key for BMP purpose(s): VC = Volume Control; RC = Rate Control; and WQ = Water Quality

BMP	Function(s)	Purpose(s)	Volume of stormwater treated	Acres treated
Site Restoration ONLY				
☐ Restore Site to Meadow in Good Condition or Better, or Existing Conditions	Infiltration/Recharge Detention/WQ Treatment	☐ VC ☐ RC ☐ WQ	_____	_____
Bio-infiltration areas	Infiltration/Recharge			
☐ Infiltration Trench		☐ VC ☐ RC ☐ WQ	_____	_____
☒ Infiltration Bed		☒ VC ☒ RC ☒ WQ	1,481cf(2-yr); 4,356cf(100-yr)	0.17
☐ Infiltration Basin		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Rain Garden/ Bioretention		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Infiltration Berm		☐ VC ☐ RC ☐ WQ	_____	_____
Natural Area Conservation	Infiltration/Recharge			
☐ Streamside Buffer Zone		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Wetland Buffer Zone		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Sensitive Area Buffer Zone		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Pre-Construction Drainage Pattern Intact		☐ VC ☐ RC ☐ WQ	_____	_____
Stormwater Retention	Detention/Retention			
☐ Constructed Wetlands		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Wet Ponds		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Retention Basin		☐ VC ☐ RC ☐ WQ	_____	_____
Sediment and Pollutant Removal	Water Quality Treatment			
☐ Vegetated Filter Strips		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Compost Filter Sock		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Detention Basins		☐ VC ☐ RC ☐ WQ	_____	_____
Access Road Design	Infiltration/Recharge			
☐ Road Crowning		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Ditches		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Turnouts		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Culverts		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Roadside Vegetated Filter Strips		☐ VC ☐ RC ☐ WQ	_____	_____

Stormwater Energy Dissipaters ☐ Level Spreaders ☐ Riprap Aprons ☐ Upslope Diversions ☐ Other_____	Infiltration/Recharge	 ☐ VC ☐ RC ☐ WQ ☐ VC ☐ RC ☐ WQ ☐ VC ☐ RC ☐ WQ ☐ VC ☐ RC ☐ WQ	 _____ _____ _____ _____	 _____ _____ _____ _____

d. Critical PCSM Plan stages

Identify and list critical stages of implementation of the PCSM Plan for which a licensed professional or designee shall be present on site.

1. Upon commencement of construction activities to ascertain the Valve Yard Pad area has been flagged and fence erected to prevent access to the area.
2. At completion of Diversion Berm/Channel to ensure it has been constructed to the proposed lines and grades, the specified lining materials have been installed in accordance with the requirements of the plans and specifications, and if applicable, vegetation has been established.
3. At the beginning of construction of the Valve Yard Pad to ensure the infiltration area has not been compacted by construction activities.
4. During construction of the Valve Yard Pad the licensed professional will observe that the BMP is constructed in accordance with the plans and specifications.
5. Following installation of the Valve Yard Pad subgrade to ensure stormwater flow is directed to the outlet structure.
6. For final inspection of constructed BMPs.
7. At the establishment of hard surface stabilization or 70% vegetation covers to allow removal of E&S controls.

NOTICE OF INTENT (NOI) FOR COVERAGE UNDER THE EROSION AND SEDIMENT CONTROL GENERAL PERMIT (ESCGP-3) FOR EARTH DISTURBANCE ASSOCIATED WITH OIL AND GAS EXPLORATION, PRODUCTION, PROCESSING, OR TREATMENT OPERATIONS OR TRANSMISSION FACILITIES

TABLES IN ADDENDUM OF NOI

SECTION H. POST CONSTRUCTION STORMWATER MANAGEMENT (PLAN) BMPs

Regional Energy Lateral Pipeline – MLV-515RA40-Hildebrandt Tie-In

b. Summary Table for Supporting Calculation and Measurement Data

(See NOI Instructions for additional guidance with this section)

The remainder of this section (Summary Table for Calculation and Measurement Data) does not need to be completed for areas of projects involving oil and gas activities authorized by Chapter 78 or Chapter 78a (well pads) or pipelines and other similar utility infrastructure which will be restored to meadow in good condition or better or existing conditions.

Watershed Name: Toby Creek

Volume Control design storm frequency 2-year Rainfall amount 3.40 inches	Pre-construction	Post Construction	Net Change
Impervious area (acres)	0.0	0.22	+0.22
Volume of stormwater runoff (acre-feet) without planned stormwater BMPs	0.03	0.07	+0.04
Volume of stormwater runoff (acre-feet) with planned stormwater BMPs	[redacted]	0.01	-0.02
Stormwater discharge rate for the design frequency storm	Pre-construction	Post Construction	Net Change
1) 2-Year/24-Hour	0.34	0.20	-0.14
2) 10-Year/24-Hour	0.67	0.38	-0.29
3) 50-year/24-Hour	1.20	0.65	-0.55
4) 100-year/24-Hour	1.52	0.80	-0.72

c. Summary Description of PCSM/SR BMPs

In the lists below, check the BMPs identified in the PCSM Plan. The primary function(s) of the BMP listed in the functions column (infiltration/recharge; detention/retention; water quality). Additional functions may be added if applicable to that BMP. List the stormwater volume and area of runoff to be treated by each BMP type when calculations are required. If any BMP in the PCSM/SR Plan is not listed below, describe it in the space provided after "Other". A summary table with infiltration testing information (Attachment E, included in the NOI Instructions) must be submitted for all Bio-infiltration BMPs included in PCSM/SR plan.

For Rate control provide the volume of stormwater treated and acres treated for the 100-year/24-hour storm event.

For volume control and water quality provide the volume of stormwater treated and acres treated for the 2-year/24-hour storm event.

Key for BMP purpose(s): VC = Volume Control; RC = Rate Control; and WQ = Water Quality

BMP	Function(s)	Purpose(s)	Volume of stormwater treated	Acres treated
Site Restoration ONLY				
☐ Restore Site to Meadow in Good Condition or Better, or Existing Conditions	Infiltration/Recharge Detention/WQ Treatment	☐ VC ☐ RC ☐ WQ	_____	_____
Bio-infiltration areas	Infiltration/Recharge			
☐ Infiltration Trench		☐ VC ☐ RC ☐ WQ	_____	_____
☒ Infiltration Bed		☒ VC ☒ RC ☒ WQ	2,265cf(2-yr); 5,881cf(100-yr)	0.21
☐ Infiltration Basin		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Rain Garden/ Bioretention		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Infiltration Berm				
☐ Vegetated Swale		☐ VC ☐ RC ☐ WQ	_____	_____
Natural Area Conservation	Infiltration/Recharge			
☐ Streamside Buffer Zone		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Wetland Buffer Zone		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Sensitive Area Buffer Zone		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Pre-Construction Drainage Pattern Intact		☐ VC ☐ RC ☐ WQ	_____	_____
Stormwater Retention	Detention/Retention			
☐ Constructed Wetlands		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Wet Ponds		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Retention Basin		☐ VC ☐ RC ☐ WQ	_____	_____
Sediment and Pollutant Removal	Water Quality Treatment			
☐ Vegetated Filter Strips		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Compost Filter Sock		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Detention Basins		☐ VC ☐ RC ☐ WQ	_____	_____
Access Road Design	Infiltration/Recharge			
☐ Road Crowning		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Ditches		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Turnouts		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Culverts		☐ VC ☐ RC ☐ WQ	_____	_____

☐ Roadside Vegetated Filter Strips		☐ VC ☐ RC ☐ WQ	_____	_____
Stormwater Energy Dissipaters	Infiltration/Recharge			
☐ Level Spreaders		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Riprap Aprons		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Upslope Diversions		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Other_____		☐ VC ☐ RC ☐ WQ	_____	_____

d. Critical PCSM Plan stages

Identify and list critical stages of implementation of the PCSM Plan for which a licensed professional or designee shall be present on site.

1. Upon commencement of construction activities to ascertain the Valve Yard Pad area has been flagged and fence erected to prevent access to the area.
2. At completion of Diversion Channel to ensure it has been constructed to the proposed lines and grades, the specified lining materials have been installed in accordance with the requirements of the plans and specifications, and if applicable, vegetation has been established.
3. At the beginning of construction of the Valve Yard Pad to ensure the infiltration area has not been compacted by construction activities.
4. During construction of the Valve Yard Pad the licensed professional will observe that the BMP is constructed in accordance with the plans and specifications.
5. Following installation of the Valve Yard Pad subgrade to ensure stormwater flow is directed to the outlet structure.
6. For final inspection of constructed BMPs.
7. At the establishment of hard surface stabilization or 70% vegetation covers to allow removal of E&S controls.

NOTICE OF INTENT (NOI) FOR COVERAGE UNDER THE EROSION AND SEDIMENT CONTROL GENERAL PERMIT (ESCGP-3) FOR EARTH DISTURBANCE ASSOCIATED WITH OIL AND GAS EXPLORATION, PRODUCTION, PROCESSING, OR TREATMENT OPERATIONS OR TRANSMISSION FACILITIES

TABLES IN ADDENDUM OF NOI

SECTION H. POST CONSTRUCTION STORMWATER MANAGEMENT (PLAN) BMPs

Effort Loop Pipeline-MLV-505LD86 Sugar Hollow Valve Yard

b. Summary Table for Supporting Calculation and Measurement Data

(See NOI Instructions for additional guidance with this section)

The remainder of this section (Summary Table for Calculation and Measurement Data) does not need to be completed for areas of projects involving oil and gas activities authorized by Chapter 78 or Chapter 78a (well pads) or pipelines and other similar utility infrastructure which will be restored to meadow in good condition or better or existing conditions.

Watershed Name: Pohopoco Creek

Volume Control design storm frequency 2-year Rainfall amount 3.26 inches	Pre-construction	Post Construction	Net Change
Impervious area (acres)	0.09	0.62	+0.53
Volume of stormwater runoff (acre-feet) without planned stormwater BMPs	0.35	0.44	+0.09
Volume of stormwater runoff (acre-feet) with planned stormwater BMPs	[redacted]	0.28	-0.07
Stormwater discharge rate for the design frequency storm DA-1	Pre-construction	Post Construction	Net Change
1) 2-Year/24-Hour	0.01	0.01	-0.00
2) 10-Year/24-Hour	0.37	0.31	-0.06
3) 50-year/24-Hour	5.89	4.21	-1.68
4) 100-year/24-Hour	11.47	8.28	-3.19
Stormwater discharge rate for the design frequency storm DA-2	Pre-construction	Post Construction	Net Change
1) 2-Year/24-Hour	4.51	3.97	-0.54
2) 10-Year/24-Hour	12.49	12.28	-0.21
3) 50-year/24-Hour	26.58	24.35	-2.23
4) 100-year/24-Hour	35.41	31.74	-3.67

c. Summary Description of PCSM/SR BMPs

In the lists below, check the BMPs identified in the PCSM Plan. The primary function(s) of the BMP listed in the functions column (infiltration/recharge; detention/retention; water quality). Additional functions may be added if applicable to that BMP. List the stormwater volume and area of runoff to be treated by each BMP type when calculations are required. If any BMP in the PCSM/SR Plan is not listed below, describe it in the space provided after "Other". A summary table with infiltration testing information (Attachment E, included in the NOI Instructions) must be submitted for all Bio-infiltration BMPs included in PCSM/SR plan.

For Rate control provide the volume of stormwater treated and acres treated for the 100-year/24-hour storm event.

For volume control and water quality provide the volume of stormwater treated and acres treated for the 2-year/24-hour storm event.

Key for BMP purpose(s): VC = Volume Control; RC = Rate Control; and WQ = Water Quality

BMP	Function(s)	Purpose(s)	Volume of stormwater treated	Acres treated
Site Restoration ONLY				
☐ Restore Site to Meadow in Good Condition or Better, or Existing Conditions	Infiltration/Recharge Detention/WQ Treatment	☐ VC ☐ RC ☐ WQ	_____	_____
Bio-infiltration areas	Infiltration/Recharge			
☐ Infiltration Trench		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Infiltration Bed		☐ VC ☐ RC ☐ WQ	_____	_____
☒ Infiltration Basin		☒ VC ☒ RC ☒ WQ	1,123cf(2-yr); 21,318cf(100-yr)	2.85
☐ Rain Garden/ Bioretention		☐ VC ☐ RC ☐ WQ	_____	_____
☒ Infiltration Berm		☒ VC ☒ RC ☒ WQ	5,915cf(2-yr); 26,924cf(100-yr)	1.54
Natural Area Conservation	Infiltration/Recharge			
☐ Streamside Buffer Zone		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Wetland Buffer Zone		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Sensitive Area Buffer Zone		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Pre-Construction Drainage Pattern Intact		☐ VC ☐ RC ☐ WQ	_____	_____
Stormwater Retention	Detention/Retention			
☐ Constructed Wetlands		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Wet Ponds		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Retention Basin		☐ VC ☐ RC ☐ WQ	_____	_____
Sediment and Pollutant Removal	Water Quality Treatment			
☐ Vegetated Filter Strips		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Compost Filter Sock		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Detention Basins		☐ VC ☐ RC ☐ WQ	_____	_____
Access Road Design	Infiltration/Recharge			
☐ Road Crowning		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Ditches		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Turnouts		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Culverts		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Roadside Vegetated Filter Strips		☐ VC ☐ RC ☐ WQ	_____	_____

Stormwater Energy Dissipaters	Infiltration/Recharge			
☐ Level Spreaders		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Riprap Aprons		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Upslope Diversions		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Other_____		☐ VC ☐ RC ☐ WQ	_____	_____

d. Critical PCSM Plan stages

Identify and list critical stages of implementation of the PCSM Plan for which a licensed professional or designee shall be present on site.

1. For the final grading of the access road, ensuring it is constructed according to the plan details for proper conveyance of runoff.
2. Following final grading and seeding of the diversion channels and basin, in order to confirm they have been constructed according to the plan details for proper collection and conveyance of runoff. Periodic assessments will need to be made to ensure accumulated sediment have been cleaned out so the channels and basin maintain the necessary design volumes.
3. During the layout and excavation of the outlet control structure, the professional or delegate will ensure sizing, materials specifications, and construction procedures are followed to enable proper storage in the basin.
4. Following final grading and seeding of the infiltration berm in order to confirm they have been constructed according to the plan details for proper collection, infiltration, and conveyance of runoff. Periodic assessment will need to be made to ensure that accumulated sediment have been cleaned out so the area behind the berm maintains the necessary design volume.
5. For final inspection of constructed channels, basin and berms.
6. At the establishment of hard surface stabilization or 70% vegetation covers to allow removal of E&S controls.

NOTICE OF INTENT (NOI) FOR COVERAGE UNDER THE EROSION AND SEDIMENT CONTROL GENERAL PERMIT (ESCGP-3) FOR EARTH DISTURBANCE ASSOCIATED WITH OIL AND GAS EXPLORATION, PRODUCTION, PROCESSING, OR TREATMENT OPERATIONS OR TRANSMISSION FACILITIES

TABLES IN ADDENDUM OF NOI

SECTION H. POST CONSTRUCTION STORMWATER MANAGEMENT (PLAN) BMPs

Compressor Station 200

b. Summary Table for Supporting Calculation and Measurement Data

(See NOI Instructions for additional guidance with this section)

The remainder of this section (Summary Table for Calculation and Measurement Data) does not need to be completed for areas of projects involving oil and gas activities authorized by Chapter 78 or Chapter 78a (well pads) or pipelines and other similar utility infrastructure which will be restored to meadow in good condition or better or existing conditions.

Watershed Name: Valley Creek

Volume Control design storm frequency 2-year Rainfall amount 3.30 inches	Pre-construction	Post Construction	Net Change
Impervious area (acres)	0.25	0.40	+0.15
Volume of stormwater runoff (acre-feet) without planned stormwater BMPs	0.07	0.11	+0.04
Volume of stormwater runoff (acre-feet) with planned stormwater BMPs	[redacted]	0.07	-0.00
Stormwater discharge rate for the design frequency storm	Pre-construction	Post Construction	Net Change
1) 2-Year/24-Hour	1.03	0.15	-0.88
2) 10-Year/24-Hour	2.06	1.39	-0.67
3) 50-year/24-Hour	3.19	2.79	-0.40
4) 100-year/24-Hour	3.97	3.50	-0.47

c. Summary Description of PCSM/SR BMPs

In the lists below, check the BMPs identified in the PCSM Plan. The primary function(s) of the BMP listed in the functions column (infiltration/recharge; detention/retention; water quality). Additional functions may be added if applicable to that BMP. List the stormwater volume and area of runoff to be treated by each BMP type when calculations are required. If any BMP in the PCSM/SR Plan is not listed below, describe it in the space provided after "Other". A summary table with infiltration testing information (Attachment E, included in the NOI Instructions) must be submitted for all Bio-infiltration BMPs included in PCSM/SR plan.

For Rate control provide the volume of stormwater treated and acres treated for the 100-year/24-hour storm event.

For volume control and water quality provide the volume of stormwater treated and acres treated for the 2-year/24-hour storm event.

Key for BMP purpose(s): VC = Volume Control; RC = Rate Control; and WQ = Water Quality

BMP	Function(s)	Purpose(s)	Volume of stormwater treated	Acres treated
Site Restoration ONLY				
☐ Restore Site to Meadow in Good Condition or Better, or Existing Conditions	Infiltration/Recharge Detention/WQ Treatment	☐ VC ☐ RC ☐ WQ	_____	_____
Bio-infiltration areas	Infiltration/Recharge			
☐ Infiltration Trench		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Infiltration Bed		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Infiltration Basin		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Rain Garden/ Bioretention		☐ VC ☐ RC ☐ WQ	_____	_____
☒ Infiltration Berm		☒ VC ☒ RC ☒ WQ	3,790cf(2-yr); 11,631cf(100-yr)	0.56
Natural Area Conservation	Infiltration/Recharge			
☐ Streamside Buffer Zone		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Wetland Buffer Zone		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Sensitive Area Buffer Zone		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Pre-Construction Drainage Pattern Intact		☐ VC ☐ RC ☐ WQ	_____	_____
Stormwater Retention	Detention/Retention			
☐ Constructed Wetlands		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Wet Ponds		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Retention Basin		☐ VC ☐ RC ☐ WQ	_____	_____
Sediment and Pollutant Removal	Water Quality Treatment			
☐ Vegetated Filter Strips		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Compost Filter Sock		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Detention Basins		☐ VC ☐ RC ☐ WQ	_____	_____
Access Road Design	Infiltration/Recharge			
☐ Road Crowning		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Ditches		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Turnouts		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Culverts		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Roadside Vegetated Filter Strips		☐ VC ☐ RC ☐ WQ	_____	_____

Stormwater Energy Dissipaters ☐ Level Spreaders ☐ Riprap Aprons ☐ Upslope Diversions ☐ Other_____	Infiltration/Recharge	 ☐ VC ☐ RC ☐ WQ ☐ VC ☐ RC ☐ WQ ☐ VC ☐ RC ☐ WQ ☐ VC ☐ RC ☐ WQ	 _____ _____ _____ _____	 _____ _____ _____ _____

d. Critical PCSM Plan stages

Identify and list critical stages of implementation of the PCSM Plan for which a licensed professional or designee shall be present on site.

1. Following final grading and seeding of the infiltration berm in order to confirm it has been constructed according to the plan details for proper collection, infiltration, and conveyance of runoff. Periodic assessments will need to be made to ensure that accumulated sediment should be cleaned out so the channels and berm maintain necessary design volume.
2. For final inspection of constructed BMPs.
3. At the establishment of hard surface stabilization or 70% vegetation covers to allow removal of E & S controls.

NOTICE OF INTENT (NOI) FOR COVERAGE UNDER THE EROSION AND SEDIMENT CONTROL GENERAL PERMIT (ESCGP-3) FOR EARTH DISTURBANCE ASSOCIATED WITH OIL AND GAS EXPLORATION, PRODUCTION, PROCESSING, OR TREATMENT OPERATIONS OR TRANSMISSION FACILITIES

TABLES IN ADDENDUM OF NOI

SECTION H. POST CONSTRUCTION STORMWATER MANAGEMENT (PLAN) BMPs

Compressor Station 515

b. Summary Table for Supporting Calculation and Measurement Data

(See NOI Instructions for additional guidance with this section)

The remainder of this section (Summary Table for Calculation and Measurement Data) does not need to be completed for areas of projects involving oil and gas activities authorized by Chapter 78 or Chapter 78a (well pads) or pipelines and other similar utility infrastructure which will be restored to meadow in good condition or better or existing conditions.

Watershed Name: Bear Creek

Volume Control design storm frequency 2-year Rainfall amount 3.40 inches	Pre-construction	Post Construction	Net Change
Impervious area (acres)	0.34	2.44	+2.10
Volume of stormwater runoff (acre-feet) without planned stormwater BMPs	0.50	0.81	+0.31
Volume of stormwater runoff (acre-feet) with planned stormwater BMPs	[redacted]	0.18	-0.32
Stormwater discharge rate for the design frequency storm	Pre-construction	Post Construction	Net Change
1) 2-Year/24-Hour	5.46	1.76	-3.70
2) 10-Year/24-Hour	10.19	8.30	-1.89
3) 50-year/24-Hour	16.85	9.55	-7.30
4) 100-year/24-Hour	20.81	9.58	-11.23

c. Summary Description of PCSM/SR BMPs

In the lists below, check the BMPs identified in the PCSM Plan. The primary function(s) of the BMP listed in the functions column (infiltration/recharge; detention/retention; water quality). Additional functions may be added if applicable to that BMP. List the stormwater volume and area of runoff to be treated by each BMP type when calculations are required. If any BMP in the PCSM/SR Plan is not listed below, describe it in the space provided after "Other". A summary table with infiltration testing information (Attachment E, included in the NOI Instructions) must be submitted for all Bio-infiltration BMPs included in PCSM/SR plan.

For Rate control provide the volume of stormwater treated and acres treated for the 100-year/24-hour storm event.

For volume control and water quality provide the volume of stormwater treated and acres treated for the 2-year/24-hour storm event.

Key for BMP purpose(s): VC = Volume Control; RC = Rate Control; and WQ = Water Quality

BMP	Function(s)	Purpose(s)	Volume of stormwater treated	Acres treated
Site Restoration ONLY				
☐ Restore Site to Meadow in Good Condition or Better, or Existing Conditions	Infiltration/Recharge Detention/WQ Treatment	☐ VC ☐ RC ☐ WQ	_____	_____
Bio-infiltration areas	Infiltration/Recharge			
☐ Infiltration Trench		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Infiltration Bed		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Infiltration Basin		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Rain Garden/ Bioretention		☐ VC ☐ RC ☐ WQ	_____	_____
☒ Infiltration Berm		☒ VC ☒ RC ☒ WQ	31,799cf(2-yr); 96,268cf(100-yr)	3.83
Natural Area Conservation	Infiltration/Recharge			
☐ Streamside Buffer Zone		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Wetland Buffer Zone		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Sensitive Area Buffer Zone		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Pre-Construction Drainage Pattern Intact		☐ VC ☐ RC ☐ WQ	_____	_____
Stormwater Retention	Detention/Retention			
☐ Constructed Wetlands		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Wet Ponds		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Retention Basin		☐ VC ☐ RC ☐ WQ	_____	_____
Sediment and Pollutant Removal	Water Quality Treatment			
☐ Vegetated Filter Strips		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Compost Filter Sock		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Detention Basins		☐ VC ☐ RC ☐ WQ	_____	_____
Access Road Design	Infiltration/Recharge			
☐ Road Crowning		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Ditches		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Turnouts		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Culverts		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Roadside Vegetated Filter Strips		☐ VC ☐ RC ☐ WQ	_____	_____

Stormwater Energy Dissipaters	Infiltration/Recharge			
☐ Level Spreaders		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Riprap Aprons		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Upslope Diversions		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Other_____		☐ VC ☐ RC ☐ WQ	_____	_____

d. Critical PCSM Plan stages

Identify and list critical stages of implementation of the PCSM Plan for which a licensed professional or designee shall be present on site.

1. Following final grading and seeding of the collection channels and infiltration berm in order to confirm they have been constructed according to the plan details for proper collection, infiltration, and conveyance of runoff. Periodic assessments will need to be made to ensure that accumulated sediment should be cleaned out so the channels and berm maintain necessary design volume.
2. For final inspection of constructed BMPs.
3. At the establishment of hard surface stabilization or 70% vegetation covers to allow removal of E & S controls.

SECTION I. ANTIDEGRADATION ANALYSIS

This section must be completed where earth disturbance activities will be conducted in the watershed of a surface water with an existing or designated use of exceptional value or high quality pursuant to Chapter 93 (relating to water quality standards), projects where any part is located in an exceptional value wetland in accordance with 25 Pa. Code § 105.17, and projects where any part is located in the watershed of an impaired surface water where the cause of impairment is identified as siltation.

Part 1 - NONDISCHARGE ALTERNATIVES EVALUATION

The applicant must consider and describe any and all non-discharge alternatives for the entire project area which are environmentally sound and will**:**

- Minimize accelerated erosion and sedimentation during the earth disturbance activity
- Achieve no net change from pre-development to post-development volume, rate and concentration of pollutants in water quality

E & S Plan	PCSM/SR Plan
Check off the environmentally sound nondischarge Best Management Practices (BMPs) listed below to be used prior to, during, and after earth disturbance activities that have been incorporated into your E & S Plan based on the site analysis. For non-discharge BMPs not checked, provide an explanation of why they were not utilized. Also for BMPs checked, provide an explanation of why they were utilized. (Provide the analysis and attach additional sheets if necessary) See Section 2 of this ESCGP-3 Application	Check off the environmentally sound nondischarge Best Management Practices (BMPs) listed below to be used after construction that have been incorporated into the PCSM/SR Plan based on your site analysis. For non-discharge BMPs not checked, provide an explanation of why they were not utilized. Also for BMPs checked, provide an explanation of why they were utilized. (Provide the analysis and attach additional sheets if necessary) See Section 3 of this ESCGP-3 Application
Nondischarge BMPs ☐ Alternative Siting ☐ Alternative location ☐ Alternative configuration ☐ Alternative location of discharge ☒ Limited Disturbed Area ☐ Limiting Extent & Duration of Disturbance (Phasing, Sequencing) ☐ Riparian Buffers (150 ft. min.) ☐ Riparian Forest Buffer (150 ft. min.) ☐ Other _____	**Nondischarge BMPs** ☐ Alternative Siting ☐ Alternative location ☐ Alternative configuration ☐ Alternative location of discharge ☐ Low Impact Development (LID / BSD) ☐ Riparian Buffers (150 ft. min.) ☐ Riparian Forest Buffer (150 ft. min.) ☒ Infiltration ☐ Water Reuse ☐ Other _____
Will the non-discharge alternative BMPs eliminate the net change in rate, volume and quality during construction? ☐ Yes ☒ No If yes, antidegradation analysis is complete. If no, proceed to Part 2.	Will the non-discharge alternative BMPs eliminate the net change in rate, volume and quality after construction? ☐ Yes ☒ No If yes, antidegradation analysis is complete. If no, proceed to Part 2.

PART 2 - ANTIDEGRADATION BEST AVAILABLE COMBINATION OF TECHNOLOGIES (ABACT)

If the net change in stormwater discharge from or after construction is not fully managed by nondischarge BMPs, the applicant must utilize ABACT BMPs to manage the difference. The Applicant must specify whether the discharge will occur during construction, post-construction or both, and identify the technologies that will be used to ensure that the discharge will be a non-degrading discharge. ABACT BMPs include but are not limited to:

E & S Plan	PCSM/SR Plan
☒ **Treatment BMPs:** ☐ Sediment basin with skimmer ☐ Sediment basin ratio of 4:1 or greater (flow length to basin width) ☐ Sediment basin with 4-7 day detention ☐ Flocculants ☒ Compost Filter Socks ☒ Compost Filter Sock Sediment Basin ☒ RCE w/ Wash Rack ☒ **Land disposal:** ☐ Vegetated filters ☐ Riparian buffers <150ft. ☐ Riparian Forest Buffer <150ft. ☒ Immediate stabilization ☒ **Pollution prevention:** ☒ PPC Plans ☒ Street sweeping ☒ Channels, collectors and diversions lined with permanent vegetation, rock, geotextile or other non-erosive materials ☐ **Stormwater reuse technologies:** ☐ Sediment basin water for dust control ☐ Sediment basin water for irrigation ☐ **Other** _____	☒ **Treatment BMPs:** ☒ Infiltration Practices ☐ Wet ponds ☐ Created wetland treatment systems ☒ Vegetated swales ☐ Manufactured devices ☒ Bio-retention/infiltration ☐ Green Roofs ☐ **Land disposal:** ☐ Vegetated filters ☐ Riparian Buffers <150ft. ☐ Riparian Forest Buffer <150ft. ☐ Disconnection of roof drainage ☐ Bio-retention/bio-infiltration ☒ **Pollution prevention:** ☐ Street sweeping ☐ Nutrient, pesticide, herbicide or other chemical application plan alternatives ☒ PPC Plans ☒ Non-structural Practices ☒ Restoration BMPs ☐ **Stormwater reuse technologies:** ☐ Divert rainwater into impoundment ☐ Underground storage ☐ Spray/Drip Irrigation ☐ **Other** _____
Are the ABACT BMPs selected sufficient to minimize E&S discharges to the extent that existing or designated surface water uses are protected? ☒ Yes ☐ No If yes, Antidegradation analysis is complete. If no, NOI Application will be returned to the Applicant.	Are the ABACT BMPs selected sufficient to achieve no net change and assure that existing or designated surface water uses are protected? ☒ Yes ☐ No If yes, Antidegradation analysis is complete. If no, NOI Application will be returned to the Applicant.

SECTION J. COMPLIANCE HISTORY REVIEW

Is/was the applicant(s) in violation of any Department regulation, order, schedule of compliance or permit or in violation of any department regulated activities within the past five years?

☒ Yes ☐ No

If yes, provide the permit number or facility name, a brief description of the violation, the compliance schedule (including dates and steps to achieve compliance) and the current compliance status. (Attach additional information on a separate sheet, when necessary)

Permit Program or Activity: Chapter 102, Chapter 105, PAG-10
Permit Number (if applicable):

1. **ESG03000150001, ESG00350150001, ESG00081150001**
2. **E41-649**
3. **E-19-311, E36-947, E-38-195, E40-769,E49-336, E54-360, E58-315, E66-160, E41-667, E18-495,**
4. **PAG109632**

Brief Description of non-compliance:

Consent Assessment of Civil Penalty, Reports past due.

Steps taken to achieve compliance	Date(s) compliance achieved
1. Consent Assessment of Civil Penalty 2. Consent Assessment of Civil Penalty. Permits being obtained to complete channel restoration 3. Consent Assessment of Civil Penalty 4. All past due reports were provided to PADEP	1. 9/20/2020 2. 8/9/2020 3. 9/20/2020 4. 12/14/2017

Current Compliance Status: ☒ In-Compliance ☐ In Non-Compliance

If in non-compliance, attach schedule for achieving compliance.

SECTION K. CERTIFICATION BY PERSON PREPARING E&S AND PCSM/SR PLANS

I do hereby certify to the best of my knowledge, information, and belief, that the Erosion and Sediment Control and PCSM/Site Restoration Plans are true and correct, represent actual field conditions, and are in accordance with the 25 Pa. Code Chapters 78/78a and 102 of the Department's rules and regulations. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment.

Print Name Kevin C. Clark	Signature	Professional Seal
Company BAI Group, LLC		
Address 2525 Green Tech Drive, Suite D, State College, PA-16803		
Phone (814) 238-2060		
Most Recent DEP Training Attended _____	Location _____ Date _____	
e-Mail Address kclark@baigroupllc.com		

EXPEDITED REVIEW PROCESS

In addition to the certification required above, applicants using the expedited permit review process must attach an E&S and PCSM/Site Restoration Plans developed and sealed by a licensed professional engineer, surveyor or professional geologist. The plans shall contain the following certification:

*I do hereby certify to the best of my knowledge, information, and belief, that the E & S Control and PCSM/SR BMPs are true and correct, represent actual field conditions and are in accordance with the 25 Pa. Code Chapters 78 / 78a and 102 of the Department's rules and regulations. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment***.**

SECTION L. APPLICANT CERTIFICATION

Applicant Certification

I certify under penalty of law, as provided by 18 Pa. C.S.A. § 4904, that this application and all related attachments were prepared by me or under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my own knowledge and on inquiry of the person or persons who manage the system or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate and complete. The responsible official's signature also verifies that the activity is eligible to participate in the ESCGP, and that the applicant agrees to abide by the terms and conditions of the permit. BMP's, E&S Plan, PPC Plan, PCSM Plan, and other controls are being or will be, implemented to ensure that water quality standards and effluent limits are attained.

I grant permission to the agencies responsible for the permitting of this work, or their duly authorized representative to enter the project site for inspection purposes. I will abide by the conditions of the permit if issued and will not begin work prior to permit issuance.

(For individuals no indication of title is necessary, choose the box below. All others proceed to the next paragraph)

☐ **Individual; proceed to signature portion.**

I hereby certify under penalty of law, as provided by 18 Pa. C.S.A. § 4904, that I am the person who is responsible for decision-making regarding environmental compliance functions for Transcontinental Gas Pipeline Company, LLC, the manager of one or more manufacturing, production, or operating facilities of the applicant and am authorized to make management decisions which govern the operation of regulated facility including having explicit or implicit duty of making major capital investment recommendations, and initiating and directing other comprehensive measures to assure the applicant's long term environmental compliance with environmental laws and regulations; and I am responsible for ensuring that the necessary systems are established or actions taken to gather complete and accurate information for permit application requirements.

(choose one of the following; not applicable for individuals):

☐ The responsible corporate officer ☐ president ☐ vice president ☐ secretary
☐ treasure of _____ Corporation/Company
Entity name

☒ The ☐ member or ☒ manager of Transcontinental Gas Pipe Line Company, LLC
Entity name

☐ The general partner of _____ partnership/LP/LLP
Entity name

☐ The principal executive officer or ranking elected official of _____ Municipality/State/Federal/other public agency
Entity name

☐ Power of Attorney/delegation of contractual authority (documentation supporting delegation of contracting authority must be provided) for _____
Entity name

_____	_____
Print Name and Title of Applicant	Print Name and Title of Co-Applicant (if applicable)
_____	_____
Signature of Applicant	Signature of Co-Applicant
_____	_____
Date Application Signed	Date Application Signed

Notarization

Sworn to and subscribed to before me this

_____ day of _____, 20_____

_____
Notary Public

AFFIX SEAL

Commonwealth of Pennsylvania

County of _____

My Commission expires _____

SECTION M. ADDITIONAL CONTACT INFORMATION				
Contact's Last Name	First Name	MI	Phone (814) 689-1650	
Nelson	Ryan	J	FAX	
Mailing Address	City		State	ZIP + 4
2525 Green Tech Drive, Suite B	State College		PA	16803
e-Mail Address ryann@whmgroup.com				

Section 1-1.1 NOI Supporting Information

Project Component	Site	Site Location City	ZIP Code	County	Municipality	Total Project Area/Project Site (Acre)	Total Disturbed Area (Acre)	Latitude / Longitude	U.S.G.S. 7.5 min. Topographic Quadrangle	Receiving Waters	Chapter 93, Designated Use Stream Classification	Chapter 93, Existing Use Stream Classification	Siltation Impaired
Regional Energy Lateral	Pipeline			Luzerne	Buck, Bear Creek, Plains, Jenkins, Kingston, Dallas, Wyoming, West Wyoming, Laflin	952.63	420.67 (includes CS 515 and sites below)	41.173337, -75.671706 (eastern terminus) 41.346917, -75.946263 (western terminus)	Kingston, Pittston, Avoca, Wilkes-Barre East, Pleasant View Summit	Stony Run, Shades Creek, Little Shades Creek, Snider Run, Meadow Run, Bear Creek, Little Bear Creek, Mill Creek, Gardner Creek, Susquehanna River, Abrahams Creek, Toby Creek, Trout Brook	MF, HQ-CWF, WWF, CWF	-	No
	CY-LU-001	Wyoming	18644	Luzerne	Wyoming		16.3 (Included within above total)	41.31016, -75.84636		Abrahams Creek	CWF, MF	-	No
	CY-LU-002	Wilkes-Barre	18702	Luzerne	Laflin		11.4 (Included within above total)	41.28491, -75.79026		Gardner Creek	CWF, MF	-	No
	MLV-515RA20	Wilkes-Barre	18702	Luzerne	Bear Creek Township		0.46 (Included within above total)	41.25279, -75.75856		Mill Creek	CWF, MF	-	No
	MLV-515RA30	Wyoming	18644	Luzerne	Wyoming Borough		0.44 (Included within above total)	41.30411, -75.84662		Susquehanna River	WWF		No
	Carverton Tie-in	Wyoming	18644	Luzerne	West Wyoming Borough		3.9 (Included within above total)	41.32053, -75.87270		Abrahams Creek	CWF, MF		No
	Lower Demunds REL Tie-in	Dallas	18612	Luzerne	Dallas Township		1.7 (Included within above total)	41.34652, -75.94551		Trout Brook	CWF, MF		No
	Hildebrandt Tie-in/MLV-515RA40	Dallas	18612	Luzerne	Dallas Township		3.1 (Included within above total)	41.34692, -75.94629		Toby Creek, Trout Brook	CWF, MF		No
	Laflin Borough Stream Stabilization	Wilkes-Barre	18702	Luzerne	Laflin Borough		0.94 (Included within above total)	41.28925, -75.80209		Gardner Creek	CWF, MF	-	No
Effort Loop	Pipeline			Monroe	Ross, Chestnuthill, Tunkhannock	360.63	262.18	40.896796, -75.370606 (Southeast Terminus) 41.053413, -75.526178 (Northwest Terminus)	Blakeslee, Pocono Pines, Brodheadsville, Saylorsburg	Lake Creek, Princess Run, Weir Creek, McMichael Creek, Pohopoco Creek, Sugar Hollow Creek, Poplar Creek, Mud Run, Mud Pond Run, Tunkhannock Creek	EV, MF, HQ-CWF, CWF	EV, MF	No

Project Component	Site	Site Location City	ZIP Code	County	Municipality	Total Project Area/Project Site (Acre)	Total Disturbed Area (Acre)	Latitude / Longitude	U.S.G.S. 7.5 min. Topographic Quadrangle	Receiving Waters	Chapter 93, Designated Use Stream Classification	Chapter 93, Existing Use Stream Classification	Siltation Impaired
	MLV-505LD86 Sugar Hollow Valve Yard	Effort	18330	Monroe	Chestnut Hill Township		8.8 (Included within above total)	40.96775, -75.42980		Sugar Hollow Creek	CWF, MF	-	No
	CY-MO-001	Saylorsburg	18353	Monroe	Ross Township		50.1 (Included within above total)	40.89803, -75.36784		Lake Creek, Princess Run	HQ-CWF, MF, CWF	-	No
Delaware River Regulator		Easton	18040	Northampton	Lower Mt. Bethel	11.28	3.25	40.76220 -75.19653	Bangor, PA	Mud Run	CWF, MF	-	No
Mainline "A" Regulator		Washington Crossing	18977	Bucks	Lower Makefield	0.94	0.530	40.26807, -74.85712	Pennington, NJ-PA	Dyers Creek, Delaware River	MF, WWF	-	No
Compressor Station 200		Frazer	19335	Chester	East Whiteland	20.28	3.16	40.04998, -75.58589	Malvern, PA	Valley Creek	EV, MF, CWF	-	Yes
Compressor Station 515		White Haven	18661	Luzerne	Buck	952.63 (Included with Regional Energy Lateral)	24.83 (included with Regional Energy Lateral)	41.17380, -75.67118	Pleasant View Summit, PA	Shades Creek, Stony Run	HQ-CWF, MF	-	No

COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
BUREAU OF CLEAN WATER

MUNICIPAL NOTIFICATION OF PLANNED LAND DEVELOPMENT FOR CHAPTER 102 PERMITS

PROJECT INFORMATION (COMPLETED BY APPLICANT)

Applicant Name:	**Transcontinental Gas Pipe Line Company, a subsidiary of Williams Partners, L.P.**	Contact Name:	**Joseph Dean** **Manager-Permitting**
Applicant Address:	**2800 Post Oak Blvd, Level 11**	Contact Phone:	**(713) 215-3427**
Applicant City, State, ZIP:	**Houston, TX 77056**	County:	**Luzerne**
		Municipality:	**Wyoming**
		Project Area:	**69.60** acres ☐ Phased
		Disturbance:	**32.12** acres

Description of Proposed Land Development and Stormwater Controls:

The Regional Energy Lateral component of the Regional Energy Access Expansion Project will consist of approximately 22.3 miles of 30-inch diameter pipeline, partially co-located with existing Transco Leidy Line-A, in Buck, Bear Creek, Plains, Jenkins, Kingston and Dallas Townships, and Laflin, Wyoming, and West Wyoming Boroughs, Luzerne County, Pennsylvania. The Regional Energy Lateral begins at existing Compressor Station 515 in Buck Township and continues westward to its terminus at Transco's existing Hildebrandt Tie-in in Dallas Township. Transco will be installing four mainline valves with appurtenant equipment, as a means to isolate gas flows along the Regional Energy Lateral. The mainline valve sites at each pipeline terminus (MLV515RA10 at Compressor Station 515 and MLV515RA40 at the Hildebrandt Tie-in) will also have pig traps (industry term for manifolds that launch or receive in-line inspection tools). The other two valve sites are proposed along the pipeline route (MLV515RA20 at Milepost 7.5 and MLV515RA30 at Milepost 14.8). Modifications at three existing pipeline interconnects are proposed to tie-in the proposed pipeline to the existing facilities. The Carverton Tie-In is located at Milepost 16.8. The Lower Demunds Tie-In is located at Milepost 22.3 and also includes a +/- 400-ft segment of 20-in pipeline and conduit to connect to the existing facility. The Hildebrandt Tie-In is located at the Regional Energy Lateral pipeline terminus and includes MLV515RA40. Two contractor yards are proposed for the Project and are located adjacent to the pipeline. CY-LU-001 is located at Milepost 15.3 and CY-LU-002 is located at Milepost 10.5. Cathodic protection equipment will be installed along the pipeline route. Deep anode ground beds are proposed at Mileposts 7.5 and 19.8, and one remote anode ground bed is proposed at Milepost 15.3. E&S and PCSM BMP's are proposed within Wyoming Borough, with PCSM BMP's proposed at the MLV515RA30 valve site.

Tax Parcel ID(s) Affected by Proposed Land Development:

See attached table

Surface Waters Receiving Stormwater Discharges:

Abrahams Creek, Susquehanna River

Discharge to: ☐ MS4 ☐ Other SS ☐ CSS

The following information was submitted to the municipality for this project:

☐ Land Development / Subdivision Plan ☒ E&S Plan ☒ PCSM Plan ☐ Other:

***On March 31, 2021 Transco submitted to you its E&S and PCSM Plans (Plans) as part of the ESCGP-3 permit application notification. Transco provided an update in July 2021 indicating the Erosion and Sediment Control Permit for Discharges of Stormwater Associated with Construction Activities Application was submitted to the PA Dept. of Environmental Protection to replace the ESCGP-3 application. Transco has updated the application in response to the PADEP Technical Deficiencies and is providing the updated materials. Updated drawings, location maps, GIF form and Parcel ID tables are included.**

MUNICIPAL PLAN / ORDINANCE INFORMATION (COMPLETED BY MUNICIPALITY)		
1. Is there an adopted municipal or multi-municipal comprehensive plan?	☐ Yes	☐ No
2. Is there an enacted municipal or multi-municipal zoning ordinance?	☐ Yes	☐ No
3. If Yes to #2, is the proposed project consistent with the ordinance?	☐ Yes	☐ No
4. Is there a municipal stormwater management ordinance?	☐ Yes	☐ No
5. If Yes to #4, is the proposed project consistent with the ordinance, without waiver?	☐ Yes	☐ No

6. If Yes to #4, indicate type of ordinance: ☐ Act 167 Model Ordinance ☐ DEP Model Ordinance (MS4s) ☐ Other

APPLICANT CERTIFICATION	MUNICIPAL ACKNOWLEDGEMENT
I certify under penalty of law (see 18 Pa.C.S. § 4904 (relating to unsworn falsification)) that the information reported herein was prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the information, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.	The municipality acknowledges that a permit application for the above-referenced project has been submitted to a reviewing agency and that notification requirements of Act 14 of 1984 and Acts 67, 68, and 127 of 2000 have been satisfied. The information reported herein by the municipality is true and accurate. The municipality reserves the right to comment to the reviewing agency relative to comprehensive plans, zoning, and stormwater ordinance consistency. Municipal acknowledgment of receipt of notification shall not be construed as project approval.

Joseph Dean

Applicant Name

Applicant Signature

Manager - Permitting

Applicant Title

04/06/2022

Date of Signature

Municipal Representative Name

Municipal Representative Signature

Municipal Representative Title

Date of Signature

Proof of Delivery

Dear Customer,

This notice serves as proof of delivery for the shipment listed below.

Tracking Number
1Z8797VV0393411311

Weight
4.00 LBS

Service

UPS Ground

Shipped / Billed On
04/06/2022

Delivered On

04/07/2022 1:18 P.M.

Delivered To
WYOMING, PA, US

Received By

TREAGAN

Left At
Front Desk

Thank you for giving us this opportunity to serve you. Details are only available for shipments delivered within the last 120 days. Please print for your records if you require this information after 120 days.

Sincerely,

UPS

Tracking results provided by UPS: 04/11/2022 11:09 A.M. EST

COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
BUREAU OF CLEAN WATER

MUNICIPAL NOTIFICATION OF PLANNED LAND DEVELOPMENT FOR CHAPTER 102 PERMITS

PROJECT INFORMATION (COMPLETED BY APPLICANT)

Applicant Name:	**Transcontinental Gas Pipe Line Company, a subsidiary of Williams Partners, L.P.**	Contact Name:	**Joseph Dean** **Manager-Permitting**
Applicant Address:	**2800 Post Oak Blvd, Level 11**	Contact Phone:	**(713) 215-3427**
Applicant City, State, ZIP:	**Houston, TX 77056**	County:	**Monroe**
		Municipality:	**Chestnuthill**
		Project Area:	**179.34** acres ☐ Phased
		Disturbance:	**125.98** acres

Description of Proposed Land Development and Stormwater Controls:

The Effort Loop component of the Regional Energy Access Expansion Project will consist of approximately 13.8 miles of 42-inch pipeline co-located with existing Transco Leidy Lines between Mileposts 43.72 and 57.50 in Ross, Chestnuthill and Tunkhannock Townships, Monroe County. The new pipeline will tie-in to the existing 42-in Leidy Line "D" on both ends, completing the segment. With the segment completed, the existing pig traps (industry term for manifolds that launch or receive in-line inspection tools) at both tie-ins will no longer be needed and will therefore be removed, while the existing mainline valves will remain. Transco will be installing a new mainline valve and appurtenant equipment at Milepost 49.6 off of Sugar Hollow Road, which will include PCSM BMP's. The valve installation is a means to isolate gas flows. One Contractor Yard is proposed at the east end of the pipeline at MP 43.72. One remote anode groundbed is proposed at MP 43.72. E&S and PCSM BMP's are proposed.

Tax Parcel ID(s) Affected by Proposed Land Development:

See attached table

Surface Waters Receiving Stormwater Discharges:

McMichael Creek, Pohopoco Creek, Poplar Creek, Sugar Hollow Creek, Weir Creek

Discharge to: ☐ MS4 ☐ Other SS ☐ CSS

The following information was submitted to the municipality for this project:

☐ Land Development / Subdivision Plan ☒ E&S Plan ☒ PCSM Plan ☐ Other:

***On March 31, 2021 Transco submitted to you its E&S and PCSM Plans (Plans) as part of the ESCGP-3 permit application notification. Transco provided an update in July 2021 indicating the Erosion and Sediment Control Permit for Discharges of Stormwater Associated with Construction Activities Application was submitted to the PA Dept. of Environmental Protection to replace the ESCGP-3 application. Transco has updated the application in**

response to the PADEP Technical Deficiencies and is providing the updated materials. Updated drawings, location maps, GIF form and Parcel ID tables are included.

MUNICIPAL PLAN / ORDINANCE INFORMATION (COMPLETED BY MUNICIPALITY)		
1. Is there an adopted municipal or multi-municipal comprehensive plan?	☐ Yes	☐ No
2. Is there an enacted municipal or multi-municipal zoning ordinance?	☐ Yes	☐ No
3. If Yes to #2, is the proposed project consistent with the ordinance?	☐ Yes	☐ No
4. Is there a municipal stormwater management ordinance?	☐ Yes	☐ No
5. If Yes to #4, is the proposed project consistent with the ordinance, without waiver?	☐ Yes	☐ No

6. If Yes to #4, indicate type of ordinance: ☐ Act 167 Model Ordinance ☐ DEP Model Ordinance (MS4s) ☐ Other

APPLICANT CERTIFICATION	MUNICIPAL ACKNOWLEDGEMENT
I certify under penalty of law (see 18 Pa.C.S. § 4904 (relating to unsworn falsification)) that the information reported herein was prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the information, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.	The municipality acknowledges that a permit application for the above-referenced project has been submitted to a reviewing agency and that notification requirements of Act 14 of 1984 and Acts 67, 68, and 127 of 2000 have been satisfied. The information reported herein by the municipality is true and accurate. The municipality reserves the right to comment to the reviewing agency relative to comprehensive plans, zoning, and stormwater ordinance consistency. Municipal acknowledgment of receipt of notification shall not be construed as project approval.

Joseph Dean

Applicant Name

Municipal Representative Name

Applicant Signature

Municipal Representative Signature

Manager - Permitting

Applicant Title

Municipal Representative Title

04/06/2022

Date of Signature

Date of Signature

From: UPS
To: SFOX@WHMGROUP.COM
Subject: UPS Delivery Notification, Tracking Number 1Z8797VV0391807540
Date: Friday, April 8, 2022 10:08:59 AM

Hello, your package has been delivered.

Delivery Date: Friday, 04/08/2022
Delivery Time: 10:06 AM

WHM CONSULTING, INC

Tracking Number:	**1Z8797VV0391807540**
Ship To:	CHESTNUTHILL TOWNSHIP 271 ROUTE 715 BRODHEADSVILLE, PA 18322 US
Number of Packages:	1
UPS Service:	UPS Ground
Package Weight:	3.0 LBS
Reference Number:	WILLIAMS-20-245, T2C

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Transcontinental Gas Pipe Line Company, LLC

Section 1-11 – General Information Form

Regional Energy Access Expansion Project

April 2021
(Added July 2021)
(Revised March 2022)

pennsylvania
DEPARTMENT OF ENVIRONMENTAL PROTECTION

COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION

GENERAL INFORMATION FORM – AUTHORIZATION APPLICATION

Before completing this General Information Form (GIF), read the step-by-step instructions provided in this application package. This form is used by the Department of Environmental Protection (DEP) to inform our programs regarding what other DEP permits or authorizations may be needed for the proposed project or activity. This version of the General Information Form (GIF) must be completed and returned with any program-specific application being submitted to the DEP.

Related ID#s (If Known)				DEP USE ONLY
Client ID#		**APS ID#**		Date Received & General Notes
Site ID#		**Auth ID#**		
Facility ID#				

CLIENT INFORMATION

DEP Client ID#	Client Type / Code	Dun & Bradstreet ID#
163321	LLC	

Legal Organization Name or Registered Fictitious Name	Employer ID# (EIN)	Is the EIN a SSN?
Transcontinental Gas Pipe Line Company, LLC	74-1079400	☐ Yes ☒ NO

State of Incorporation or Registration of Fictious Name

☐ Corporation ☒ LLC ☐ Partnership ☐ LLP ☐ LP
☐ Sole Proprietorship ☐ Association/Organization
☐ Estate/Trust ☐ Other

Individual Last Name	First Name	MI	Suffix

Additional Individual Last Name	First Name	MI	Suffix

Mailing Address Line 1	Mailing Address Line 2
2800 Post Oak Blvd, Level 11	

Address Last Line – City	State	ZIP+4	Country
Houston	TX	77056	United States

Client Contact Last Name	First Name	MI	Suffix
Dean	Joseph		

Client Contact Title	Phone	Ext	Cell Phone
Manager, Permitting	(713) 215-3427		

Email Address	FAX
Joseph.Dean@Williams.com	

SITE INFORMATION

DEP Site ID#	Site Name
	Regional Energy Access Expansion Project

EPA ID# **Estimated Number of Employees to be Present at Site**

Description of Site
The Project is an expansion of an existing natural gas transmission system consisting of pipelines, modification of three existing compressor stations and additional existing ancillary facilities.

Tax Parcel ID(s):

County Name(s)	Municipality(ies)	City	Boro	Twp	State
Luzerne	Buck, Bear Creek, Plains, Jenkins, Kingston, Dallas, Wyoming, West Wyoming, Laflin	☐	☒	☒	PA
Monroe	Ross, Chestnuthill, Tunkhannock	☐	☐	☒	PA
Northampton	Lower Mt. Bethel	☐	☐	☒	PA
Bucks	Lower Makefield	☐	☐	☒	PA
Chester	East Whiteland	☐	☐	☒	PA
		☐	☐	☒	PA
		☐	☒	☐	PA

Site Location Line 1	Site Location Line 2
See Section 1.1 - GIF Supporting Information	

Site Location Last Line – City	State	ZIP+4

Detailed Written Directions to Site
See Secton 1.1 - GIF Supporting Information for locations of all project sites.

Site Contact Last Name	First Name	MI	Suffix
Henry	Josh		

Site Contact Title	Site Contact Firm
Environmental Specialist	Transcontinental Gas Pipe Line Company, LLC.

Mailing Address Line 1	Mailing Address Line 2
2000 Commerce Drive, Park Place 2	

Mailing Address Last Line – City	State	ZIP+4
Pittsburgh	PA	15275

Phone	Ext	FAX	Email Address
(412) 787- 4277			Josh.Henry@Williams.com

NAICS Codes (Two- & Three-Digit Codes – List All That Apply) **6-Digit Code** (Optional)
221

Client to Site Relationship
OWNOP

FACILITY INFORMATION

Modification of Existing Facility	Yes	No
1. **Will this project modify an existing facility, system, or activity?**	☒	☐
2. **Will this project involve an addition to an existing facility, system, or activity?**	☒	☐

If "Yes", check all relevant facility types and provide DEP facility identification numbers below.

	Facility Type	DEP Fac ID#		Facility Type	DEP Fac ID#
☐	Air Emission Plant		☐	Industrial Minerals Mining Operation	
☐	Beneficial Use (water)		☐	Laboratory Location	
☐	Blasting Operation		☐	Land Recycling Cleanup Location	
☐	Captive Hazardous Waste Operation		☐	Mine Drainage Treatment / Land Recycling Project Location	
☐	Coal Ash Beneficial Use Operation		☐	Municipal Waste Operation	
☐	Coal Mining Operation		☐	Oil & Gas Encroachment Location	
☐	Coal Pillar Location		☐	Oil & Gas Location	
☐	Commercial Hazardous Waste Operation		☐	Oil & Gas Water Poll Control Facility	
☐	Dam Location		☐	Public Water Supply System	
☐	Deep Mine Safety Operation -Anthracite		☐	Radiation Facility	
☐	Deep Mine Safety Operation -Bituminous		☐	Residual Waste Operation	
☐	Deep Mine Safety Operation -Ind Minerals		☐	Storage Tank Location	
☐	Encroachment Location (water, wetland)		☐	Water Pollution Control Facility	
☐	Erosion & Sediment Control Facility		☐	Water Resource	
☐	Explosive Storage Location		☒	Other: Natural Gas Transmission	

Latitude/Longitude Point of Origin	Latitude Degrees	Latitude Minutes	Latitude Seconds	Longitude Degrees	Longitude Minutes	Longitude Seconds
See Section 1.1 - GIF Supporting Information						

Horizontal Accuracy Measure	Feet	*--or--*	Meters
Horizontal Reference Datum Code	☐ North American Datum of 1927 ☒ North American Datum of 1983 ☐ World Geodetic System of 1984		
Horizontal Collection Method Code	GISDR		
Reference Point Code	CNTAR		
Altitude	Feet	*--or--*	Meters
Altitude Datum Name	☐ The National Geodetic Vertical Datum of 1929 ☒ The North American Vertical Datum of 1988 (NAVD88)		
Altitude (Vertical) Location Datum Collection Method Code	TOPO		

Geometric Type Code	POINT				
Data Collection Date	2020				
Source Map Scale Number	1	Inch(es)	=	2,000	Feet
--or--		Centimeter(s)	=		Meters

PROJECT INFORMATION

Project Name
Regional Energy Access Expansion Project

Project Description
The Project is an expansion of Transco's existing natural gas transmission system that will enable Transco to provide an incremental 829,400 dekatherms per day (Dth/d) of year-round firm transportation capacity from the Marcellus Shale production area in northeastern Pennsylvania (PA) to multiple delivery points along Transco's Leidy Line in PA, Transco's mainline at the Station 210 Zone 6 Pooling Point in Mercer County, New Jersey (NJ) and multiple delivery points in Transco's Zone 6 in NJ, PA, and Maryland (MD). The Project will consist of the following components:

• Approximately 22.2 miles of 30-inch-diameter pipeline partially collocated with Transco's Leidy Line A from milepost (MP) 0.00 to MP 22.32 in Luzerne County, PA (Regional Energy Lateral);

• Approximately 13.8 miles of 42-inch-diameter pipeline collocated with Transco's Leidy Line System from MP 43.72 to MP 57.50 in Monroe County, PA (Effort Loop);

• New electric motor-driven compressor station identified as Compressor Station 201 with 9,000 nominal horsepower (HP) in Gloucester County, NJ;

• Addition of two gas-fired turbine driven compressor units with 31,800 nominal HP at ISO conditions at existing Compressor Station 505 in Somerset County, NJ, to accommodate the abandonment and replacement of approximately 16,000 HP from eight existing internal combustion engine-driven compressor units and increase the certificated station compression by 15,800 HP;

• Addition of two gas-fired turbine driven compressor units with 63,742 nominal HP at ISO conditions and modification of three existing compressors at existing Compressor Station 515 in Luzerne County, PA to support the Project and to accommodate the abandonment and replacement of approximately 17,000 HP from five existing gas-fired reciprocating engine driven compressors and increase the certificated station compression by 46,742 HP;

• Uprate and rewheel two existing electric motor-driven compressor units at existing Compressor Station 195 in York County, PA to increase the certificated station compression by 6,000 HP and accommodate the abandonment of two existing gas-fired reciprocating engine driven compressors, which total approximately 8,000 HP;

• Modifications at existing Compressor Station 200 in Chester County, PA;

• Uprate one existing electric motor-driven compressor unit at Compressor Station 207 in Middlesex County, NJ to increase the certificated station compression by 4,100 HP;

• Modifications to three (3) existing pipeline tie-ins in PA (Hildebrandt Tie-in, Lower Demunds REL Tie-in, and Carverton Tie-in);

• Addition of regulation controls at an existing valve setting on Transco's Mainline "A" in Bucks County, PA (Mainline A Regulator);

• Modifications at the existing Delaware River Regulator in Northampton County, PA;

• Modifications at the existing Centerville Regulator in Somerset County, NJ;

• Modifications to the existing valves and piping at the Princeton Junction (Station 210 Pooling Point) in Mercer County, NJ;

• Modifications to three (3) existing delivery meter stations in NJ (Camden M&R Station, Lawnside M&R Station, and Mt. Laurel M&R Station);

• Modifications to one (1) existing delivery meter station in MD (Beaver Dam M&R Station);

• Contractual changes (no modifications) at ten (10) existing delivery meter stations in PA and NJ (Algonquin-Centerville Meter Station, Post Road Meter Station, New Village Meter Station, Spruce Run Meter Station, Marcus Hook Meter Station, Ivyland Meter Station, Repaupo Meter Station, Morgan Meter Station, Lower Mud Run Meter Station, and Chesterfield Meter Station);

• Additional ancillary facilities, such as mainline valves (MLVs), cathodic protection, communication facilities, and internal inspection device (e.g., pig) launchers and receivers in PA; and

• Existing, improved, and new access roads and contractor yards/staging areas in PA, NJ, and MD.

In an ongoing effort to reduce its air emissions footprint, Transco is assessing the replacement of vintage gas-fired reciprocating engine driven compressors with more efficient state-of-the-art gas-fired turbine driven compressors. The proposed compression abandonment and replacement scopes at Transco's existing Compressor Station 505 and Compressor Station 515 are part of this effort and have been adopted into the Project scope. Additionally, the uprate and optimization of existing electric motor-driven compression to accommodate abandonment of gas-fired reciprocating engine driven compression at Compressor Station 195 has also been adopted into the Project scope.

The Algonquin-Centerville, Post Road, New Village, Spruce Run, Marcus Hook, Ivyland, Repaupo, Morgan, Lower Mud Run, and Chesterfield Meter Stations can accommodate the contractual changes proposed as part of this Project; therefore, no modifications are proposed at these facilities

Project Consultant Last Name	**First Name**	**MI**	**Suffix**
Nelson	Ryan		

Project Consultant Title	**Consulting Firm**
Senior Project Manager	WHM Consulting, LLC

Mailing Address Line 1	**Mailing Address Line 2**
2525 Green Tech Drive; Suite B	

Address Last Line – City	**State**	**ZIP+4**
State College	PA	16803

Phone	**Ext**	**FAX**	**Email Address**
(814) 689-1650	102		ryann@whmgroup.com

Time Schedules	**Project Milestone (Optional)**
March 2021	Submit 401 WQC
April 2021	Submit Chapter 102 / 105 Permits
2nd Quarter of 2023	Commence Construction
4th Quarter 2024	In-service Date

1. Is the project located in or within a 0.5-mile radius of an Environmental Justice community as defined by DEP? ☒ Yes ☐ No

To determine if the project is located in or within a 0.5-mile radius of an environmental justice community, please use the online Environmental Justice Areas Viewer.

2. Have you informed the surrounding community prior to submitting the application to the Department? ☒ Yes ☐ No

Method of notification:

1) Open house schedule mailed to affected parties;

2) Newspaper advertisements of open houses placed in newspapers of general circulation in the Project area;

3) Open houses (a mixture of virtual and in-person) held in the county of each major project scope item;
4) Newspaper advertisements prior to commencement of construction, which will be placed in those same publications;
5) Notification to businesses potentially affected by construction;
6) Designation of a point of contact for stakeholder communication;
7) A Project toll free telephone number for public inquiries; and
•8) A Project website with periodic updates of relevant information.

3. Have you addressed community concerns that were identified? ☒ Yes ☐ No ☐ N/A

If no, please briefly describe the community concerns that have been expressed and not addressed.

4. Is your project funded by state or federal grants? ☐ Yes ☒ No

Note: If "Yes", specify what aspect of the project is related to the grant and provide the grant source, contact person and grant expiration date.

Aspect of Project Related to Grant
Grant Source: _____
Grant Contact Person: _____
Grant Expiration Date: _____

5. Is this application for an authorization on Appendix A of the Land Use Policy? (For referenced list, see Appendix A of the Land Use Policy attached to GIF instructions) ☒ Yes ☐ No

Note: If "No" to Question 5, the application is not subject to the Land Use Policy.
If "Yes" to Question 5, the application is subject to this policy and the Applicant should answer the additional questions in the **Land Use Information** section.

LAND USE INFORMATION

Note: Applicants should submit copies of local land use approvals or other evidence of compliance with local comprehensive plans and zoning ordinances.

1.	**Is there an adopted county or multi-county comprehensive plan?**	☒	Yes	☐	No
2.	**Is there a county stormwater management plan?**	☒	Yes	☐	No
3.	**Is there an adopted municipal or multi-municipal comprehensive plan?**	☒	Yes	☐	No
4.	**Is there an adopted county-wide zoning ordinance, municipal zoning ordinance or joint municipal zoning ordinance?**	☒	Yes	☐	No
5.	**Does the proposed project meet the provisions of the zoning ordinance or does the proposed project have zoning approval?** If zoning approval has been received, attach documentation.	☒	Yes	☐	No
6.	**Have you attached Municipal and County Land Use Letters for the project?**	☐	Yes	☒	No

Note: If the Applicant answers "No" to either Questions 1, 3 or 4, the provisions of the PA MPC are not applicable and the Applicant does not need to respond to questions 5 and 6 below.
If the Applicant answers "Yes" to questions 1, 3 and 4, the Applicant should respond to questions 5 and 6 below.

* This Project is regulated by the Federal Energy Regulatory Commission (FERC) under the Natural Gas Act. FERC has exclusive jurisdiction over siting of the Project, therefore, local zoning is preempted.

COORDINATION INFORMATION

Note: The PA Historical and Museum Commission must be notified of proposed projects in accordance with DEP Technical Guidance Document 012-0700-001 utilizing the Project Review Form.

If the activity will be a mining project (i.e., mining of coal or industrial minerals, coal refuse disposal and/or the operation of a coal or industrial minerals preparation/processing facility), respond to questions 1.0 through 2.5 below.

If the activity will not be a mining project, skip questions 1.0 through 2.5 and begin with question 3.0.

1.0	**Is this a coal mining project?** If "Yes", respond to 1.1-1.6. If "No", skip to Question 2.0.	☐	Yes	☒	No
1.1	**Will this coal mining project involve coal preparation/ processing activities in which the total amount of coal prepared/processed will be equal to or greater than 200 tons/day?**	☐	Yes	☐	No
1.2	**Will this coal mining project involve coal preparation/ processing activities in which the total amount of coal prepared/processed will be greater than 50,000 tons/year?**	☐	Yes	☐	No
1.3	**Will this coal mining project involve coal preparation/ processing activities in which thermal coal dryers or pneumatic coal cleaners will be used?**	☐	Yes	☐	No
1.4	**For this coal mining project, will sewage treatment facilities be constructed and treated waste water discharged to surface waters?**	☐	Yes	☐	No
1.5	**Will this coal mining project involve the construction of a permanent impoundment meeting one or more of the following criteria: (1) a contributory drainage area exceeding 100 acres; (2) a depth of water measured by the upstream toe of the dam at maximum storage elevation exceeding 15 feet; (3) an impounding capacity at maximum storage elevation exceeding 50 acre-feet?**	☐	Yes	☐	No
1.6	**Will this coal mining project involve underground coal mining to be conducted within 500 feet of an oil or gas well?**	☐	Yes	☐	No
2.0	**Is this a non-coal (industrial minerals) mining project?** If "Yes", respond to 2.1-2.6. If "No", skip to Question 3.0.	☐	Yes	☒	No
2.1	**Will this non-coal (industrial minerals) mining project involve the crushing and screening of non-coal minerals other than sand and gravel?**	☐	Yes	☐	No
2.2	**Will this non-coal (industrial minerals) mining project involve the crushing and/or screening of sand and gravel with the exception of wet sand and gravel operations (screening only) and dry sand and gravel operations with a capacity of less than 150 tons/hour of unconsolidated materials?**	☐	Yes	☐	No
2.3	**Will this non-coal (industrial minerals) mining project involve the construction, operation and/or modification of a portable non-metallic (i.e., non-coal) minerals processing plant under the authority of the General Permit for Portable Non-metallic Mineral Processing Plants (i.e., BAQ-PGPA/GP-3)?**	☐	Yes	☐	No
2.4	**For this non-coal (industrial minerals) mining project, will sewage treatment facilities be constructed and treated waste water discharged to surface waters?**	☐	Yes	☐	No
2.5	**Will this non-coal (industrial minerals) mining project involve the construction of a permanent impoundment meeting one or more of the following criteria: (1) a contributory drainage area exceeding 100 acres; (2) a depth of water measured by the upstream toe of the dam at maximum storage elevation exceeding 15 feet; (3) an impounding capacity at maximum storage elevation exceeding 50 acre-feet?**	☐	Yes	☐	No

3.0	**Will your project, activity, or authorization have anything to do with a well related to oil or gas production, have construction within 200 feet of, affect an oil or gas well, involve the waste from such a well, or string power lines above an oil or gas well?** If "Yes", respond to 3.1-3.3. If "No", skip to Question 4.0.	☐	Yes	☒	No
3.1	**Does the oil- or gas-related project involve any of the following: placement of fill, excavation within or placement of a structure, located in, along, across or projecting into a watercourse, floodway or body of water (including wetlands)?**	☐	Yes	☐	No
3.2	**Will the oil- or gas-related project involve discharge of industrial wastewater or stormwater to a dry swale, surface water, ground water or an existing sanitary sewer system or storm water system?** If "Yes", discuss in *Project Description*.	☐	Yes	☐	No
3.3	**Will the oil- or gas-related project involve the construction and operation of industrial waste treatment facilities?**	☐	Yes	☐	No
4.0	**Will the project involve a construction activity that results in earth disturbance?** If "Yes", specify the total disturbed acreage.	☒	Yes	☐	No
	4.0.1 Total Disturbed Acreage + / - 672				
	4.0.2 Will the project discharge or drain to a special protection water (EV or HQ) or an EV wetland?	☒	Yes	☐	No
	4.0.3 Will the project involve a construction activity that results in earth disturbance in the area of the earth disturbance that are contaminated at levels exceeding residential or non-residential medium-specific concentrations (MSCs) in 25 Pa. Code Chapter 250 at residential or non-residential construction sites, respectively?	☐	Yes	☒	No
5.0	**Does the project involve any of the following: water obstruction and/or encroachment, wetland impacts, or floodplain project by the Commonwealth/political subdivision or public utility?** If "Yes", respond to 5.1-5.7. If "No", skip to Question 6.0.	☒	Yes	☐	No
5.1	**Water Obstruction and Encroachment Projects – Does the project involve any of the following: placement of fill, excavation within or placement of a structure, located in, along, across or projecting into a watercourse, floodway or body of water?**	☒	Yes	☐	No
5.2	**Wetland Impacts – Does the project involve any of the following: placement of fill, excavation within or placement of a structure, located in, along, across or projecting into a wetland?**	☒	Yes	☐	No
5.3	**Floodplain Projects by the Commonwealth, a Political Subdivision of the Commonwealth or a Public Utility – Does the project involve any of the following: placement of fill, excavation within or placement of a structure, located in, along, across or projecting into a floodplain?**	☐	Yes	☒	No
5.4	**Is your project an interstate transmission natural gas pipeline?**	☒	Yes	☐	No
5.5	**Does your project consist of linear construction activities which result in earth disturbance in two or more DEP regions AND three or more counties?**	☒	Yes	☐	No
5.6	**Does your project utilize Floodplain Restoration as a best management practice for Post Construction Stormwater Management?**	☐	Yes	☒	No
5.7	**Does your project utilize Class V Gravity / Injection Wells as a best management practice for Post Construction Stormwater Management?**	☐	Yes	☒	No
6.0	**Will the project involve discharge of construction related stormwater to a dry swale, surface water, ground water or separate storm water system?**	☒	Yes	☐	No

6.1	**Will the project involve discharge of industrial waste stormwater or wastewater from an industrial activity or sewage to a dry swale, surface water, ground water or an existing sanitary sewer system or separate storm water system?**	☒	Yes	☐	No
7.0	**Will the project involve the construction and operation of industrial waste treatment facilities?**	☐	Yes	☒	No
8.0	**Will the project involve construction of sewage treatment facilities, sanitary sewers, or sewage pumping stations?** If "Yes", indicate estimated proposed flow (gal/day). Also, discuss the sanitary sewer pipe sizes and the number of pumping stations/treatment facilities/name of downstream sewage facilities in the *Project Description*, where applicable.	☐	Yes	☒	No
	8.0.1 Estimated Proposed Flow (gal/day)				
9.0	**Will the project involve the subdivision of land, or the generation of 800 gpd or more of sewage on an existing parcel of land or the generation of an additional 400 gpd of sewage on an already-developed parcel, or the generation of 800 gpd or more of industrial wastewater that would be discharged to an existing sanitary sewer system?**	☐	Yes	☒	No
	9.0.1 Was Act 537 sewage facilities planning submitted and approved by DEP? If "Yes" attach the approval letter. Approval required prior to 105/NPDES approval.	☐	Yes	☐	No
10.0	**Is this project for the beneficial use of biosolids for land application within Pennsylvania?** If "Yes" indicate how much (i.e. gallons or dry tons per year).	☐	Yes	☒	No
	10.0.1 Gallons Per Year (residential septage)				
	10.0.2 Dry Tons Per Year (biosolids)				
11.0	**Does the project involve construction, modification or removal of a dam?** If "Yes", identify the dam.	☐	Yes	☒	No
	11.0.1 Dam Name				
12.0	**Will the project interfere with the flow from, or otherwise impact, a dam?** If "Yes", identify the dam.	☐	Yes	☒	No
	12.0.1 Dam Name				
13.0	**Will the project involve operations (excluding during the construction period) that produce air emissions (i.e., NOX, VOC, etc.)?**	☒	Yes	☐	No
	13.0.1 If "Yes", is the operation subject to the agricultural exemption in 35 P.S. § 4004.1?	☐	Yes	☒	No

13.0.2 If the answer to 13.0.1 is "No", identify each type of emission followed by the estimated amount of that emission.

Enter all types & amounts of emissions; separate each set with semicolons.

Summary of Compressor Station 515 Estimated Net Operational Potential to Emit (PTE): NOx - 196.8; CO - 314.40; VOC - 50.6; SO2 - 14.0; PM10/PM2.5 - 30.6; Single HAP (formaldehyde)- 8.7; Total HAP - 12.2; CO2e - 511,413 = Annual (tpy)

Summary of Pipeline and M&R Station Estimated Operational Potential to Emit (PTE): VOC - 1.17; Single HAP - 0.20; Total HAP - 0.20; CO2e - 5460.47 = Annual (tpy)

Modifications to Compressor Station 195 and Compressor Station 200 only include uprating existing electric motor-driven compression capacity or piping and valve modifications; therefore, Transco anticipates these facilities will have insignificant operational emissions.

14.0	**Does the project include the construction or modification of a drinking water supply to serve 15 or more connections or 25 or more people, at least 60 days out of the year?** If "Yes", check all proposed sub-facilities.	☐	Yes	☒	No
	14.0.1 Number of Persons Served _____				
	14.0.2 Number of Employee/Guests _____				
	14.0.3 Number of Connections _____				
	14.0.4 Sub-Fac: Distribution System	☐	Yes	☐	No
	14.0.5 Sub-Fac: Water Treatment Plant	☐	Yes	☐	No
	14.0.6 Sub-Fac: Source	☐	Yes	☐	No
	14.0.7 Sub-Fac: Pump Station	☐	Yes	☐	No
	14.0.8 Sub Fac: Transmission Main	☐	Yes	☐	No
	14.0.9 Sub-Fac: Storage Facility	☐	Yes	☐	No
15.0	**Will your project include infiltration of storm water or waste water to ground water within one-half mile of a public water supply well, spring or infiltration gallery?**	☒	Yes	☐	No
16.0	**Is your project to be served by an existing public water supply?** If "Yes", indicate name of supplier and attach letter from supplier stating that it will serve the project.	☐	Yes	☒	No
	16.0.1 Supplier's Name _____				
	16.0.2 Letter of Approval from Supplier is Attached	☐	Yes	☐	No
17.0	**Will this project be served by on-lot drinking water wells?**	☐	Yes	☒	No
18.0	**Will this project involve a new or increased drinking water withdrawal from a river, stream, spring, lake, well or other water bod(ies)?** If "Yes", reference Safe Drinking Water Program.	☐	Yes	☒	No
	18.0.1 Source Name				
19.0	**Will the construction or operation of this project involve treatment, storage, reuse, or disposal of waste?** If "Yes", indicate what type (i.e., hazardous, municipal (including infectious & chemotherapeutic), residual) and the amount to be treated, stored, re-used or disposed.	☐	Yes	☒	No
	19.0.1 Type & Amount				
20.0	**Will your project involve the removal of coal, minerals, contaminated media, or solid waste as part of any earth disturbance activities?**	☐	Yes	☒	No
21.0	**Does your project involve installation of a field constructed underground storage tank?** If "Yes", list each Substance & its Capacity. **Note:** Applicant may need a Storage Tank Site Specific Installation Permit.	☐	Yes	☒	No
	21.0.1 Enter all substances & capacity of each; separate each set with semicolons.				
22.0	**Does your project involve installation of an aboveground storage tank greater than 21,000 gallons capacity at an existing facility?** If "Yes", list each Substance & its Capacity. **Note:** Applicant may need a Storage Tank Site Specific Installation Permit.	☐	Yes	☒	No
	22.0.1 Enter all substances & capacity of each; separate each set with semicolons.				
23.0	**Does your project involve installation of a tank greater than 1,100 gallons which will contain a highly hazardous substance as defined in DEP's Regulated Substances List, 2570-BK-DEP2724?** If "Yes", list each Substance & its Capacity. **Note:** Applicant may need a Storage Tank Site Specific Installation Permit.	☐	Yes	☒	No
	23.0.1 Enter all substances & capacity of each; separate each set with semicolons.				

24.0	**Does your project involve installation of a storage tank at a new facility with a total AST capacity greater than 21,000 gallons?** If "Yes", list each Substance & its Capacity. **Note:** Applicant may need a Storage Tank Site Specific Installation Permit. **24.0.1 Enter all substances & capacity of each; separate each set with semicolons.**	☐	Yes	☒	No

NOTE: If the project includes the installation of a regulated storage tank system, including diesel emergency generator systems, the project may require the use of a Department Certified Tank Handler. For a full list of regulated storage tanks and substances, please go to www.dep.pa.gov search term storage tanks

25.0	**Will the intended activity involve the use of a radiation source?**	☐	Yes	☒	No

CERTIFICATION

I certify that I have the authority to submit this application on behalf of the applicant named herein and that the information provided in this application is true and correct to the best of my knowledge and information.

For applicants supplying an EIN number: I am applying for a permit or authorization from the Pennsylvania Department of Environmental Protection (DEP). As part of this application, I will provide DEP with an accurate EIN number for the applicant entity. By filing this application with DEP, I hereby authorize DEP to confirm the accuracy of the EIN number provided with the Pennsylvania Department of Revenue. As applicant, I further consent to the Department of Revenue discussing the same with DEP prior to issuance of the Commonwealth permit or authorization.

Type or Print Name Joseph Dean

Signature	Title	Date
	Manager, Permitting	02/24/2022

GIF Supporting Information

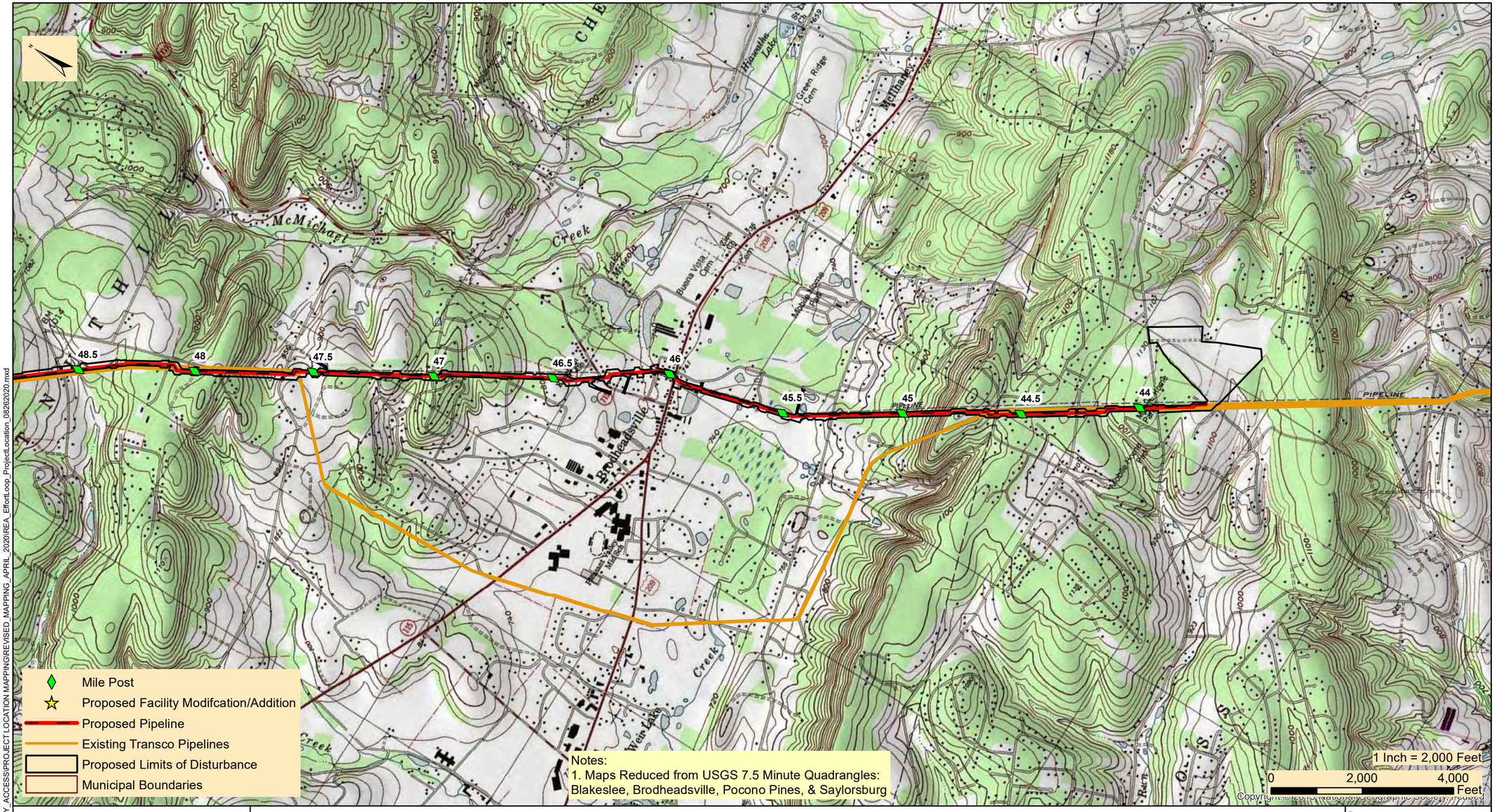
Project Component	Site	Site Location City	ZIP Code	Detailed Written Directions to Site	Latitude / Longitude
Effort Loop	Eastern Terminus	Saylorsburg	18353	From 209: heading East – Turn Right onto Frable Rd/T432. Follow for 1.7 miles. Turn Right onto Meixsell Valley Road/T361. Follow for .2 miles then turn left. Destination is in ~340 feet. Heading West-Turn Left onto Rte 115. Follow for 1.1 miles, then turn right onto Meixsell Valley Rd/T361. Continue for 1.4 miles then turn left. Destination is in ~340 feet.	40.896796, -75.370606
	Western Terminus	Long Pond	18334	From I-80: Heading East- Take exit 284 for PA-115 towards Blakeslee. Keep right at the fork, follow signs for Lake Harmony/Brodheadsville and merge on PA-115 S. Follow for 3.2 miles. Turn Left onto Long Pond Road. Destination will be in ~.2 miles. Heading West- Take exit 384 for PA-115 S. Turn left onto PA-115 S. Follow for 3.4 miles. Turn Left onto Long Pond Rd. Destination will be in ~.2 miles.	41.053413, -75.526178
Regional Energy Lateral	Eastern Terminus	White Haven	18661	From I-80: Heading West-Take exit 284 towards Blakeslee. Merge onto PA-115 N. Follow for 8.2 Miles. Turn Right onto Ridgeway Ave. Destination will be in .2 miles. Heading East- Take exit 284 towards Blakeslee. Turn left onto PA-115 N. Follow for 8.4 miles. Turn Right onto Ridgeway Ave. Destination will be in .2 miles. From I-476: Heading South- Take exit 105 to merge onto PA-115 S. Follow PA-115 S for 8.4 miles. Turn left onto Ridgeway Ave. Destination will be in .2 Miles	41.173337, -75.671706
	Western Terminus	Dallas	18612	From PA-309: Heading South-Head South on PA-309 S toward Dallas RV and MHP. Turn Left onto Hildebrandt Rd. Follow for .4 miles then turn right onto Conyngham Ave. Follow for .4 miles. Continue onto Fairground Road. Destination will be to the left in .2 Miles. Heading North-Head North on PA-309 N toward Grandview Ave. Turn right onto Hildebrandt Rd. Follow for .4 miles then turn right onto Conyngham Ave. Follow for .4 miles. Continue onto Fairground Road. Destination will be to the left in .2 Miles.	41.346917, -75.946263
Compressor Station 515		White Haven	18661	Same as REL Eastern Terminus	41.173337, -75.671706
Compressor Station 200		Frazer	19355	From I-76: East Bound- Take exit 312 toward PA-100 S/Pottstown Pike (Toll Rd). Keep left at the fork and follow signs for PA-100 S/Downingtown and merge onto PA-100 S/Pottstown Pike. Follow for 2.5 miles. Turn left onto N. Ship Rd and follow for .6 miles. Turn left onto Valley Hill Rd and follow for 1.7 miles. Turn right onto PA-401 E. Follow for .5 miles then turn right onto Bacton Hill Rd. Destination will be in .5 Miles. Heading West-Take exit 320 toward Melvern Turn left onto PA-29 S. Turn right at the 1st cross street onto Flat Rd. Turn right onto Sidley Road and then in .4 miles, turn left onto Phoenixville Pike. In .9 miles turn right onto PA-401 W and follow for 1 mile. Turn left onto N. Bacton Hill Road. Destination will be on the right in .5 miles.	40.049969, -75.585849
Delaware River Regulator/Lower Mud Run Meter Station		Easton	18040	To Delaware River Regulator- From 22: East Bound- Take the 4th Street/PA-248 Exit toward PA-611. Turn Left onto PA-248 E/Bushkill St. Follow for .4 miles then turn left onto PA-611 N. Keep right to continue on PA-611 N/N Delaware Dr and follow for 5 miles. Turn Left onto Lower Mud Run Rd. Destination will be on the left in .4 miles. To Lower Mud Run Meter Station- Head +/- 200' northwest from the Delaware River Regulator. The site is immediately adjacent to Delaware River Regulator.	40.762166, -75.19644/ 40.762706, -75.197631
Main Line A Regulator		Washington Crossing	18977	From I-295: Take exit 10 toward New Hope. Turn left onto Taylorsville Rd. Continue straight to stay on Taylorsville Rd. In .9 miles turn right onto Mt Eyre Rd. Follow for .2 miles then turn right onto PA-32 S. The destination will be on the right in 407 feet.	40.268063, -74.857125

Transcontinental Gas Pipe Line Company, LLC

Requirement I – Project Location Map

Regional Energy Access Expansion Project – Effort Loop

April 2021
(Revised March 2022)



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TRANSCONTINENTAL GAS PIPE LINE COMPANY, LLC

REGIONAL ENERGY ACCESS EXPANSION PROJECT

PROPOSED 42" LEIDY D EFFORT LOOP

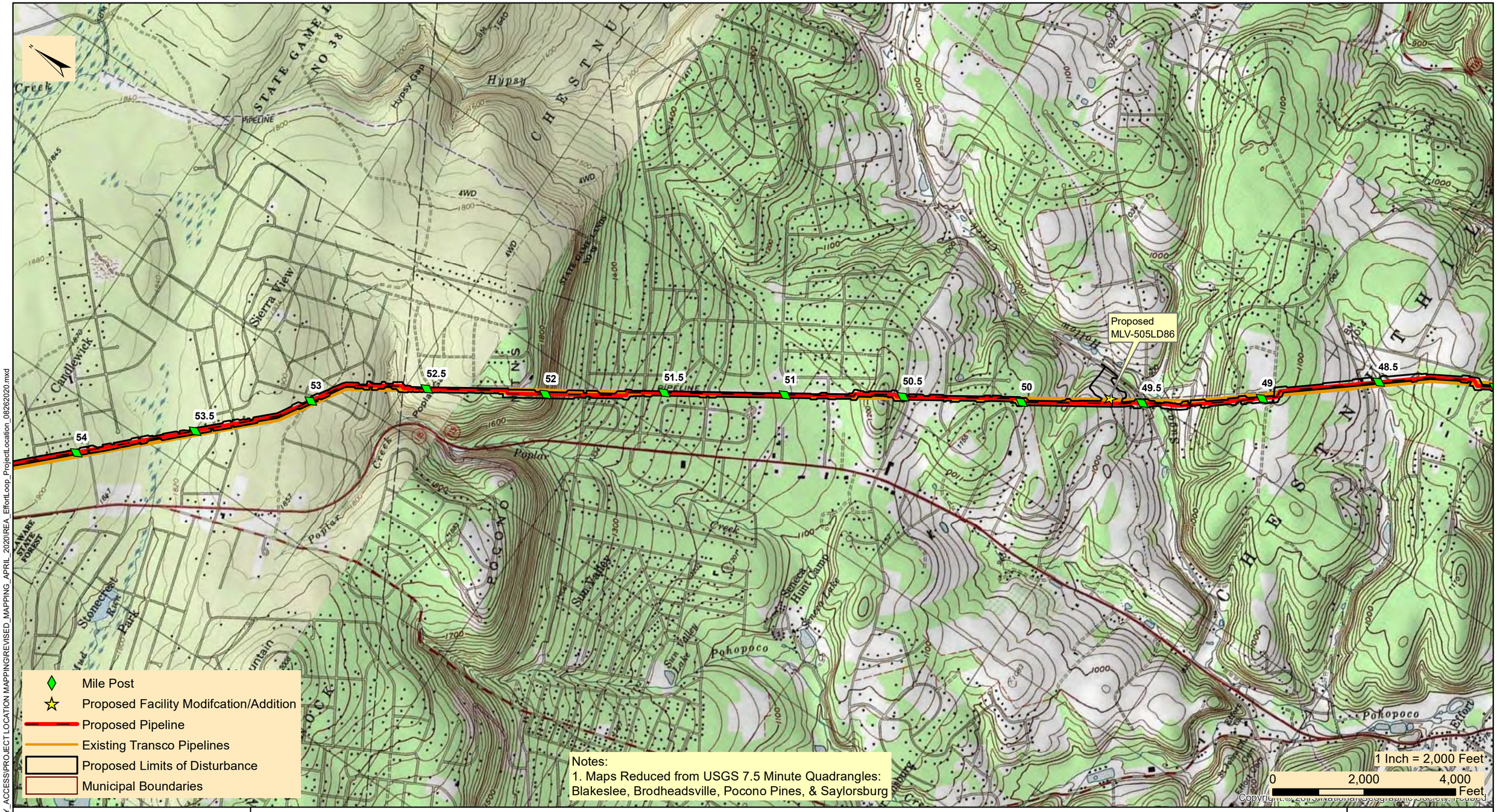
PROJECT LOCATION MAP

CHESTNUT HILL & ROSS TOWNSHIP | MONROE COUNTY | PENNSYLVANIA

Date: 2/10/2022

Drawn By: FTN

Figure Number: EL-1



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TRANSCONTINENTAL GAS PIPE LINE COMPANY, LLC

REGIONAL ENERGY ACCESS EXPANSION PROJECT

PROPOSED 42" LEIDY D EFFORT LOOP

PROJECT LOCATION MAP

CHESTNUT HILL & TUNKHANNOCK TOWNSHIP | MONROE COUNTY | PENNSYLVANIA

Date: 2/10/2022

Drawn By: FTN

Figure Number: EL-2

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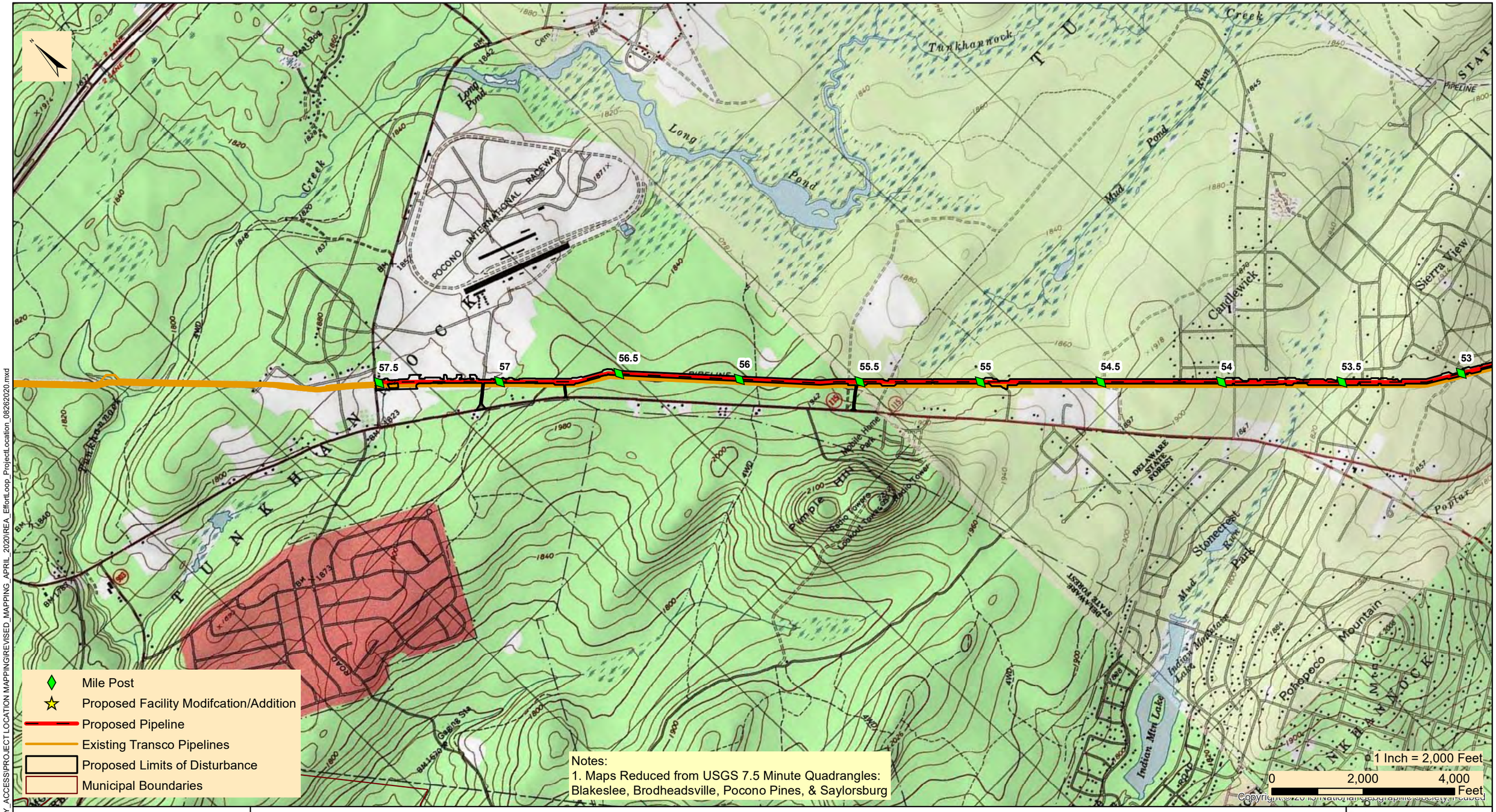

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TRANSCONTINENTAL GAS PIPE LINE COMPANY, LLC

REGIONAL ENERGY ACCESS EXPANSION PROJECT

PROPOSED 42" LEIDY D EFFORT LOOP

PROJECT LOCATION MAP

TUNKHANNOCK TOWNSHIP | MONROE COUNTY | PENNSYLVANIA

Date: 2/10/2022

Drawn By: FTN

Figure Number: EL-3

Transcontinental Gas Pipe Line Company, LLC

Section 1-11 – General Information Form

Regional Energy Access Expansion Project

April 2021
(Added July 2021)
(Revised March 2022)

pennsylvania
DEPARTMENT OF ENVIRONMENTAL PROTECTION

COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION

GENERAL INFORMATION FORM – AUTHORIZATION APPLICATION

Before completing this General Information Form (GIF), read the step-by-step instructions provided in this application package. This form is used by the Department of Environmental Protection (DEP) to inform our programs regarding what other DEP permits or authorizations may be needed for the proposed project or activity. This version of the General Information Form (GIF) must be completed and returned with any program-specific application being submitted to the DEP.

Related ID#s (If Known)				DEP USE ONLY
Client ID#		**APS ID#**		Date Received & General Notes
Site ID#		**Auth ID#**		
Facility ID#				

CLIENT INFORMATION

DEP Client ID#	Client Type / Code	Dun & Bradstreet ID#
163321	LLC	

Legal Organization Name or Registered Fictitious Name	Employer ID# (EIN)	Is the EIN a SSN?
Transcontinental Gas Pipe Line Company, LLC	74-1079400	☐ Yes ☒ NO

State of Incorporation or Registration of Fictious Name

☐ Corporation ☒ LLC ☐ Partnership ☐ LLP ☐ LP
☐ Sole Proprietorship ☐ Association/Organization
☐ Estate/Trust ☐ Other

Individual Last Name	First Name	MI	Suffix

Additional Individual Last Name	First Name	MI	Suffix

Mailing Address Line 1	Mailing Address Line 2
2800 Post Oak Blvd, Level 11	

Address Last Line – City	State	ZIP+4	Country
Houston	TX	77056	United States

Client Contact Last Name	First Name	MI	Suffix
Dean	Joseph		

Client Contact Title	Phone	Ext	Cell Phone
Manager, Permitting	(713) 215-3427		

Email Address	FAX
Joseph.Dean@Williams.com	

SITE INFORMATION

DEP Site ID#	Site Name
	Regional Energy Access Expansion Project

EPA ID# **Estimated Number of Employees to be Present at Site**

Description of Site
The Project is an expansion of an existing natural gas transmission system consisting of pipelines, modification of three existing compressor stations and additional existing ancillary facilities.

Tax Parcel ID(s):

County Name(s)	Municipality(ies)	City	Boro	Twp	State
Luzerne	Buck, Bear Creek, Plains, Jenkins, Kingston, Dallas, Wyoming, West Wyoming, Laflin	☐	☒	☒	PA
Monroe	Ross, Chestnuthill, Tunkhannock	☐	☐	☒	PA
Northampton	Lower Mt. Bethel	☐	☐	☒	PA
Bucks	Lower Makefield	☐	☐	☒	PA
Chester	East Whiteland	☐	☐	☒	PA
		☐	☐	☒	PA
		☐	☒	☐	PA

Site Location Line 1	Site Location Line 2
See Section 1.1 - GIF Supporting Information	

Site Location Last Line – City	State	ZIP+4

Detailed Written Directions to Site
See Secton 1.1 - GIF Supporting Information for locations of all project sites.

Site Contact Last Name	First Name	MI	Suffix
Henry	Josh		

Site Contact Title	Site Contact Firm
Environmental Specialist	Transcontinental Gas Pipe Line Company, LLC.

Mailing Address Line 1	Mailing Address Line 2
2000 Commerce Drive, Park Place 2	

Mailing Address Last Line – City	State	ZIP+4
Pittsburgh	PA	15275

Phone	Ext	FAX	Email Address
(412) 787- 4277			Josh.Henry@Williams.com

NAICS Codes (Two- & Three-Digit Codes – List All That Apply) **6-Digit Code** (Optional)
221

Client to Site Relationship
OWNOP

FACILITY INFORMATION

Modification of Existing Facility	Yes	No
1. **Will this project modify an existing facility, system, or activity?**	☒	☐
2. **Will this project involve an addition to an existing facility, system, or activity?**	☒	☐

If "Yes", check all relevant facility types and provide DEP facility identification numbers below.

	Facility Type	DEP Fac ID#		Facility Type	DEP Fac ID#
☐	Air Emission Plant		☐	Industrial Minerals Mining Operation	
☐	Beneficial Use (water)		☐	Laboratory Location	
☐	Blasting Operation		☐	Land Recycling Cleanup Location	
☐	Captive Hazardous Waste Operation		☐	Mine Drainage Treatment / Land Recycling Project Location	
☐	Coal Ash Beneficial Use Operation		☐	Municipal Waste Operation	
☐	Coal Mining Operation		☐	Oil & Gas Encroachment Location	
☐	Coal Pillar Location		☐	Oil & Gas Location	
☐	Commercial Hazardous Waste Operation		☐	Oil & Gas Water Poll Control Facility	
☐	Dam Location		☐	Public Water Supply System	
☐	Deep Mine Safety Operation -Anthracite		☐	Radiation Facility	
☐	Deep Mine Safety Operation -Bituminous		☐	Residual Waste Operation	
☐	Deep Mine Safety Operation -Ind Minerals		☐	Storage Tank Location	
☐	Encroachment Location (water, wetland)		☐	Water Pollution Control Facility	
☐	Erosion & Sediment Control Facility		☐	Water Resource	
☐	Explosive Storage Location		☒	Other: Natural Gas Transmission	

Latitude/Longitude Point of Origin	Latitude Degrees	Latitude Minutes	Latitude Seconds	Longitude Degrees	Longitude Minutes	Longitude Seconds
See Section 1.1 - GIF Supporting Information						

Horizontal Accuracy Measure	Feet	*--or--*	Meters
Horizontal Reference Datum Code	☐ North American Datum of 1927 ☒ North American Datum of 1983 ☐ World Geodetic System of 1984		
Horizontal Collection Method Code	GISDR		
Reference Point Code	CNTAR		
Altitude	Feet	*--or--*	Meters
Altitude Datum Name	☐ The National Geodetic Vertical Datum of 1929 ☒ The North American Vertical Datum of 1988 (NAVD88)		
Altitude (Vertical) Location Datum Collection Method Code	TOPO		

Geometric Type Code	POINT				
Data Collection Date	2020				
Source Map Scale Number	1	Inch(es)	=	2,000	Feet
--or--		Centimeter(s)	=		Meters

PROJECT INFORMATION

Project Name
Regional Energy Access Expansion Project

Project Description
The Project is an expansion of Transco's existing natural gas transmission system that will enable Transco to provide an incremental 829,400 dekatherms per day (Dth/d) of year-round firm transportation capacity from the Marcellus Shale production area in northeastern Pennsylvania (PA) to multiple delivery points along Transco's Leidy Line in PA, Transco's mainline at the Station 210 Zone 6 Pooling Point in Mercer County, New Jersey (NJ) and multiple delivery points in Transco's Zone 6 in NJ, PA, and Maryland (MD). The Project will consist of the following components:

• Approximately 22.2 miles of 30-inch-diameter pipeline partially collocated with Transco's Leidy Line A from milepost (MP) 0.00 to MP 22.32 in Luzerne County, PA (Regional Energy Lateral);

• Approximately 13.8 miles of 42-inch-diameter pipeline collocated with Transco's Leidy Line System from MP 43.72 to MP 57.50 in Monroe County, PA (Effort Loop);

• New electric motor-driven compressor station identified as Compressor Station 201 with 9,000 nominal horsepower (HP) in Gloucester County, NJ;

• Addition of two gas-fired turbine driven compressor units with 31,800 nominal HP at ISO conditions at existing Compressor Station 505 in Somerset County, NJ, to accommodate the abandonment and replacement of approximately 16,000 HP from eight existing internal combustion engine-driven compressor units and increase the certificated station compression by 15,800 HP;

• Addition of two gas-fired turbine driven compressor units with 63,742 nominal HP at ISO conditions and modification of three existing compressors at existing Compressor Station 515 in Luzerne County, PA to support the Project and to accommodate the abandonment and replacement of approximately 17,000 HP from five existing gas-fired reciprocating engine driven compressors and increase the certificated station compression by 46,742 HP;

• Uprate and rewheel two existing electric motor-driven compressor units at existing Compressor Station 195 in York County, PA to increase the certificated station compression by 6,000 HP and accommodate the abandonment of two existing gas-fired reciprocating engine driven compressors, which total approximately 8,000 HP;

• Modifications at existing Compressor Station 200 in Chester County, PA;

• Uprate one existing electric motor-driven compressor unit at Compressor Station 207 in Middlesex County, NJ to increase the certificated station compression by 4,100 HP;

• Modifications to three (3) existing pipeline tie-ins in PA (Hildebrandt Tie-in, Lower Demunds REL Tie-in, and Carverton Tie-in);

• Addition of regulation controls at an existing valve setting on Transco's Mainline "A" in Bucks County, PA (Mainline A Regulator);

• Modifications at the existing Delaware River Regulator in Northampton County, PA;

• Modifications at the existing Centerville Regulator in Somerset County, NJ;

• Modifications to the existing valves and piping at the Princeton Junction (Station 210 Pooling Point) in Mercer County, NJ;

• Modifications to three (3) existing delivery meter stations in NJ (Camden M&R Station, Lawnside M&R Station, and Mt. Laurel M&R Station);

• Modifications to one (1) existing delivery meter station in MD (Beaver Dam M&R Station);

• Contractual changes (no modifications) at ten (10) existing delivery meter stations in PA and NJ (Algonquin-Centerville Meter Station, Post Road Meter Station, New Village Meter Station, Spruce Run Meter Station, Marcus Hook Meter Station, Ivyland Meter Station, Repaupo Meter Station, Morgan Meter Station, Lower Mud Run Meter Station, and Chesterfield Meter Station);

• Additional ancillary facilities, such as mainline valves (MLVs), cathodic protection, communication facilities, and internal inspection device (e.g., pig) launchers and receivers in PA; and

• Existing, improved, and new access roads and contractor yards/staging areas in PA, NJ, and MD.

In an ongoing effort to reduce its air emissions footprint, Transco is assessing the replacement of vintage gas-fired reciprocating engine driven compressors with more efficient state-of-the-art gas-fired turbine driven compressors. The proposed compression abandonment and replacement scopes at Transco's existing Compressor Station 505 and Compressor Station 515 are part of this effort and have been adopted into the Project scope. Additionally, the uprate and optimization of existing electric motor-driven compression to accommodate abandonment of gas-fired reciprocating engine driven compression at Compressor Station 195 has also been adopted into the Project scope.

The Algonquin-Centerville, Post Road, New Village, Spruce Run, Marcus Hook, Ivyland, Repaupo, Morgan, Lower Mud Run, and Chesterfield Meter Stations can accommodate the contractual changes proposed as part of this Project; therefore, no modifications are proposed at these facilities

Project Consultant Last Name	**First Name**	**MI**	**Suffix**
Nelson	Ryan		

Project Consultant Title	**Consulting Firm**
Senior Project Manager	WHM Consulting, LLC

Mailing Address Line 1	**Mailing Address Line 2**
2525 Green Tech Drive; Suite B	

Address Last Line – City	**State**	**ZIP+4**
State College	PA	16803

Phone	**Ext**	**FAX**	**Email Address**
(814) 689-1650	102		ryann@whmgroup.com

Time Schedules	**Project Milestone (Optional)**
March 2021	Submit 401 WQC
April 2021	Submit Chapter 102 / 105 Permits
2nd Quarter of 2023	Commence Construction
4th Quarter 2024	In-service Date

1. Is the project located in or within a 0.5-mile radius of an Environmental Justice community as defined by DEP? ☒ Yes ☐ No

To determine if the project is located in or within a 0.5-mile radius of an environmental justice community, please use the online Environmental Justice Areas Viewer.

2. Have you informed the surrounding community prior to submitting the application to the Department? ☒ Yes ☐ No

Method of notification:

1) Open house schedule mailed to affected parties;

2) Newspaper advertisements of open houses placed in newspapers of general circulation in the Project area;

3) Open houses (a mixture of virtual and in-person) held in the county of each major project scope item;
4) Newspaper advertisements prior to commencement of construction, which will be placed in those same publications;
5) Notification to businesses potentially affected by construction;
6) Designation of a point of contact for stakeholder communication;
7) A Project toll free telephone number for public inquiries; and
•8) A Project website with periodic updates of relevant information.

3. Have you addressed community concerns that were identified? ☒ Yes ☐ No ☐ N/A

If no, please briefly describe the community concerns that have been expressed and not addressed.

4. Is your project funded by state or federal grants? ☐ Yes ☒ No

Note: If "Yes", specify what aspect of the project is related to the grant and provide the grant source, contact person and grant expiration date.

Aspect of Project Related to Grant
Grant Source: _____
Grant Contact Person: _____
Grant Expiration Date: _____

5. Is this application for an authorization on Appendix A of the Land Use Policy? (For referenced list, see Appendix A of the Land Use Policy attached to GIF instructions) ☒ Yes ☐ No

Note: If "No" to Question 5, the application is not subject to the Land Use Policy.
If "Yes" to Question 5, the application is subject to this policy and the Applicant should answer the additional questions in the **Land Use Information** section.

LAND USE INFORMATION

Note: Applicants should submit copies of local land use approvals or other evidence of compliance with local comprehensive plans and zoning ordinances.

1.	**Is there an adopted county or multi-county comprehensive plan?**	☒	Yes	☐	No
2.	**Is there a county stormwater management plan?**	☒	Yes	☐	No
3.	**Is there an adopted municipal or multi-municipal comprehensive plan?**	☒	Yes	☐	No
4.	**Is there an adopted county-wide zoning ordinance, municipal zoning ordinance or joint municipal zoning ordinance?**	☒	Yes	☐	No
5.	**Does the proposed project meet the provisions of the zoning ordinance or does the proposed project have zoning approval?** If zoning approval has been received, attach documentation.	☒	Yes	☐	No
6.	**Have you attached Municipal and County Land Use Letters for the project?**	☐	Yes	☒	No

Note: If the Applicant answers "No" to either Questions 1, 3 or 4, the provisions of the PA MPC are not applicable and the Applicant does not need to respond to questions 5 and 6 below.
If the Applicant answers "Yes" to questions 1, 3 and 4, the Applicant should respond to questions 5 and 6 below.

* This Project is regulated by the Federal Energy Regulatory Commission (FERC) under the Natural Gas Act. FERC has exclusive jurisdiction over siting of the Project, therefore, local zoning is preempted.

COORDINATION INFORMATION

Note: The PA Historical and Museum Commission must be notified of proposed projects in accordance with DEP Technical Guidance Document 012-0700-001 utilizing the Project Review Form.

If the activity will be a mining project (i.e., mining of coal or industrial minerals, coal refuse disposal and/or the operation of a coal or industrial minerals preparation/processing facility), respond to questions 1.0 through 2.5 below.

If the activity will not be a mining project, skip questions 1.0 through 2.5 and begin with question 3.0.

1.0	**Is this a coal mining project?** If "Yes", respond to 1.1-1.6. If "No", skip to Question 2.0.	☐	Yes	☒	No
1.1	**Will this coal mining project involve coal preparation/ processing activities in which the total amount of coal prepared/processed will be equal to or greater than 200 tons/day?**	☐	Yes	☐	No
1.2	**Will this coal mining project involve coal preparation/ processing activities in which the total amount of coal prepared/processed will be greater than 50,000 tons/year?**	☐	Yes	☐	No
1.3	**Will this coal mining project involve coal preparation/ processing activities in which thermal coal dryers or pneumatic coal cleaners will be used?**	☐	Yes	☐	No
1.4	**For this coal mining project, will sewage treatment facilities be constructed and treated waste water discharged to surface waters?**	☐	Yes	☐	No
1.5	**Will this coal mining project involve the construction of a permanent impoundment meeting one or more of the following criteria: (1) a contributory drainage area exceeding 100 acres; (2) a depth of water measured by the upstream toe of the dam at maximum storage elevation exceeding 15 feet; (3) an impounding capacity at maximum storage elevation exceeding 50 acre-feet?**	☐	Yes	☐	No
1.6	**Will this coal mining project involve underground coal mining to be conducted within 500 feet of an oil or gas well?**	☐	Yes	☐	No
2.0	**Is this a non-coal (industrial minerals) mining project?** If "Yes", respond to 2.1-2.6. If "No", skip to Question 3.0.	☐	Yes	☒	No
2.1	**Will this non-coal (industrial minerals) mining project involve the crushing and screening of non-coal minerals other than sand and gravel?**	☐	Yes	☐	No
2.2	**Will this non-coal (industrial minerals) mining project involve the crushing and/or screening of sand and gravel with the exception of wet sand and gravel operations (screening only) and dry sand and gravel operations with a capacity of less than 150 tons/hour of unconsolidated materials?**	☐	Yes	☐	No
2.3	**Will this non-coal (industrial minerals) mining project involve the construction, operation and/or modification of a portable non-metallic (i.e., non-coal) minerals processing plant under the authority of the General Permit for Portable Non-metallic Mineral Processing Plants (i.e., BAQ-PGPA/GP-3)?**	☐	Yes	☐	No
2.4	**For this non-coal (industrial minerals) mining project, will sewage treatment facilities be constructed and treated waste water discharged to surface waters?**	☐	Yes	☐	No
2.5	**Will this non-coal (industrial minerals) mining project involve the construction of a permanent impoundment meeting one or more of the following criteria: (1) a contributory drainage area exceeding 100 acres; (2) a depth of water measured by the upstream toe of the dam at maximum storage elevation exceeding 15 feet; (3) an impounding capacity at maximum storage elevation exceeding 50 acre-feet?**	☐	Yes	☐	No

3.0	**Will your project, activity, or authorization have anything to do with a well related to oil or gas production, have construction within 200 feet of, affect an oil or gas well, involve the waste from such a well, or string power lines above an oil or gas well?** If "Yes", respond to 3.1-3.3. If "No", skip to Question 4.0.	☐	Yes	☒	No
3.1	**Does the oil- or gas-related project involve any of the following: placement of fill, excavation within or placement of a structure, located in, along, across or projecting into a watercourse, floodway or body of water (including wetlands)?**	☐	Yes	☐	No
3.2	**Will the oil- or gas-related project involve discharge of industrial wastewater or stormwater to a dry swale, surface water, ground water or an existing sanitary sewer system or storm water system?** If "Yes", discuss in *Project Description*.	☐	Yes	☐	No
3.3	**Will the oil- or gas-related project involve the construction and operation of industrial waste treatment facilities?**	☐	Yes	☐	No
4.0	**Will the project involve a construction activity that results in earth disturbance?** If "Yes", specify the total disturbed acreage.	☒	Yes	☐	No
	4.0.1 Total Disturbed Acreage + / - 672				
	4.0.2 Will the project discharge or drain to a special protection water (EV or HQ) or an EV wetland?	☒	Yes	☐	No
	4.0.3 Will the project involve a construction activity that results in earth disturbance in the area of the earth disturbance that are contaminated at levels exceeding residential or non-residential medium-specific concentrations (MSCs) in 25 Pa. Code Chapter 250 at residential or non-residential construction sites, respectively?	☐	Yes	☒	No
5.0	**Does the project involve any of the following: water obstruction and/or encroachment, wetland impacts, or floodplain project by the Commonwealth/political subdivision or public utility?** If "Yes", respond to 5.1-5.7. If "No", skip to Question 6.0.	☒	Yes	☐	No
5.1	**Water Obstruction and Encroachment Projects – Does the project involve any of the following: placement of fill, excavation within or placement of a structure, located in, along, across or projecting into a watercourse, floodway or body of water?**	☒	Yes	☐	No
5.2	**Wetland Impacts – Does the project involve any of the following: placement of fill, excavation within or placement of a structure, located in, along, across or projecting into a wetland?**	☒	Yes	☐	No
5.3	**Floodplain Projects by the Commonwealth, a Political Subdivision of the Commonwealth or a Public Utility – Does the project involve any of the following: placement of fill, excavation within or placement of a structure, located in, along, across or projecting into a floodplain?**	☐	Yes	☒	No
5.4	**Is your project an interstate transmission natural gas pipeline?**	☒	Yes	☐	No
5.5	**Does your project consist of linear construction activities which result in earth disturbance in two or more DEP regions AND three or more counties?**	☒	Yes	☐	No
5.6	**Does your project utilize Floodplain Restoration as a best management practice for Post Construction Stormwater Management?**	☐	Yes	☒	No
5.7	**Does your project utilize Class V Gravity / Injection Wells as a best management practice for Post Construction Stormwater Management?**	☐	Yes	☒	No
6.0	**Will the project involve discharge of construction related stormwater to a dry swale, surface water, ground water or separate storm water system?**	☒	Yes	☐	No

6.1	**Will the project involve discharge of industrial waste stormwater or wastewater from an industrial activity or sewage to a dry swale, surface water, ground water or an existing sanitary sewer system or separate storm water system?**	☒	Yes	☐	No
7.0	**Will the project involve the construction and operation of industrial waste treatment facilities?**	☐	Yes	☒	No
8.0	**Will the project involve construction of sewage treatment facilities, sanitary sewers, or sewage pumping stations?** If "Yes", indicate estimated proposed flow (gal/day). Also, discuss the sanitary sewer pipe sizes and the number of pumping stations/treatment facilities/name of downstream sewage facilities in the *Project Description*, where applicable.	☐	Yes	☒	No
	8.0.1 Estimated Proposed Flow (gal/day)				
9.0	**Will the project involve the subdivision of land, or the generation of 800 gpd or more of sewage on an existing parcel of land or the generation of an additional 400 gpd of sewage on an already-developed parcel, or the generation of 800 gpd or more of industrial wastewater that would be discharged to an existing sanitary sewer system?**	☐	Yes	☒	No
	9.0.1 Was Act 537 sewage facilities planning submitted and approved by DEP? If "Yes" attach the approval letter. Approval required prior to 105/NPDES approval.	☐	Yes	☐	No
10.0	**Is this project for the beneficial use of biosolids for land application within Pennsylvania?** If "Yes" indicate how much (i.e. gallons or dry tons per year).	☐	Yes	☒	No
	10.0.1 Gallons Per Year (residential septage)				
	10.0.2 Dry Tons Per Year (biosolids)				
11.0	**Does the project involve construction, modification or removal of a dam?** If "Yes", identify the dam.	☐	Yes	☒	No
	11.0.1 Dam Name				
12.0	**Will the project interfere with the flow from, or otherwise impact, a dam?** If "Yes", identify the dam.	☐	Yes	☒	No
	12.0.1 Dam Name				
13.0	**Will the project involve operations (excluding during the construction period) that produce air emissions (i.e., NOX, VOC, etc.)?**	☒	Yes	☐	No
	13.0.1 If "Yes", is the operation subject to the agricultural exemption in 35 P.S. § 4004.1?	☐	Yes	☒	No

13.0.2 If the answer to 13.0.1 is "No", identify each type of emission followed by the estimated amount of that emission.

Enter all types & amounts of emissions; separate each set with semicolons.

Summary of Compressor Station 515 Estimated Net Operational Potential to Emit (PTE): NOx - 196.8; CO - 314.40; VOC - 50.6; SO2 - 14.0; PM10/PM2.5 - 30.6; Single HAP (formaldehyde)- 8.7; Total HAP - 12.2; CO2e - 511,413 = Annual (tpy)

Summary of Pipeline and M&R Station Estimated Operational Potential to Emit (PTE): VOC - 1.17; Single HAP - 0.20; Total HAP - 0.20; CO2e - 5460.47 = Annual (tpy)

Modifications to Compressor Station 195 and Compressor Station 200 only include uprating existing electric motor-driven compression capacity or piping and valve modifications; therefore, Transco anticipates these facilities will have insignificant operational emissions.

14.0	**Does the project include the construction or modification of a drinking water supply to serve 15 or more connections or 25 or more people, at least 60 days out of the year?** If "Yes", check all proposed sub-facilities.	☐	Yes	☒	No
	14.0.1 Number of Persons Served _____				
	14.0.2 Number of Employee/Guests _____				
	14.0.3 Number of Connections _____				
	14.0.4 Sub-Fac: Distribution System	☐	Yes	☐	No
	14.0.5 Sub-Fac: Water Treatment Plant	☐	Yes	☐	No
	14.0.6 Sub-Fac: Source	☐	Yes	☐	No
	14.0.7 Sub-Fac: Pump Station	☐	Yes	☐	No
	14.0.8 Sub Fac: Transmission Main	☐	Yes	☐	No
	14.0.9 Sub-Fac: Storage Facility	☐	Yes	☐	No
15.0	**Will your project include infiltration of storm water or waste water to ground water within one-half mile of a public water supply well, spring or infiltration gallery?**	☒	Yes	☐	No
16.0	**Is your project to be served by an existing public water supply?** If "Yes", indicate name of supplier and attach letter from supplier stating that it will serve the project.	☐	Yes	☒	No
	16.0.1 Supplier's Name _____				
	16.0.2 Letter of Approval from Supplier is Attached	☐	Yes	☐	No
17.0	**Will this project be served by on-lot drinking water wells?**	☐	Yes	☒	No
18.0	**Will this project involve a new or increased drinking water withdrawal from a river, stream, spring, lake, well or other water bod(ies)?** If "Yes", reference Safe Drinking Water Program.	☐	Yes	☒	No
	18.0.1 Source Name				
19.0	**Will the construction or operation of this project involve treatment, storage, reuse, or disposal of waste?** If "Yes", indicate what type (i.e., hazardous, municipal (including infectious & chemotherapeutic), residual) and the amount to be treated, stored, re-used or disposed.	☐	Yes	☒	No
	19.0.1 Type & Amount				
20.0	**Will your project involve the removal of coal, minerals, contaminated media, or solid waste as part of any earth disturbance activities?**	☐	Yes	☒	No
21.0	**Does your project involve installation of a field constructed underground storage tank?** If "Yes", list each Substance & its Capacity. **Note:** Applicant may need a Storage Tank Site Specific Installation Permit.	☐	Yes	☒	No
	21.0.1 Enter all substances & capacity of each; separate each set with semicolons.				
22.0	**Does your project involve installation of an aboveground storage tank greater than 21,000 gallons capacity at an existing facility?** If "Yes", list each Substance & its Capacity. **Note:** Applicant may need a Storage Tank Site Specific Installation Permit.	☐	Yes	☒	No
	22.0.1 Enter all substances & capacity of each; separate each set with semicolons.				
23.0	**Does your project involve installation of a tank greater than 1,100 gallons which will contain a highly hazardous substance as defined in DEP's Regulated Substances List, 2570-BK-DEP2724?** If "Yes", list each Substance & its Capacity. **Note:** Applicant may need a Storage Tank Site Specific Installation Permit.	☐	Yes	☒	No
	23.0.1 Enter all substances & capacity of each; separate each set with semicolons.				

24.0	**Does your project involve installation of a storage tank at a new facility with a total AST capacity greater than 21,000 gallons?** If "Yes", list each Substance & its Capacity. **Note:** Applicant may need a Storage Tank Site Specific Installation Permit. **24.0.1 Enter all substances & capacity of each; separate each set with semicolons.**	☐	Yes	☒	No

NOTE: If the project includes the installation of a regulated storage tank system, including diesel emergency generator systems, the project may require the use of a Department Certified Tank Handler. For a full list of regulated storage tanks and substances, please go to www.dep.pa.gov search term storage tanks

25.0	**Will the intended activity involve the use of a radiation source?**	☐	Yes	☒	No

CERTIFICATION

I certify that I have the authority to submit this application on behalf of the applicant named herein and that the information provided in this application is true and correct to the best of my knowledge and information.

For applicants supplying an EIN number: I am applying for a permit or authorization from the Pennsylvania Department of Environmental Protection (DEP). As part of this application, I will provide DEP with an accurate EIN number for the applicant entity. By filing this application with DEP, I hereby authorize DEP to confirm the accuracy of the EIN number provided with the Pennsylvania Department of Revenue. As applicant, I further consent to the Department of Revenue discussing the same with DEP prior to issuance of the Commonwealth permit or authorization.

Type or Print Name Joseph Dean

Signature	Title	Date
	Manager, Permitting	02/24/2022

GIF Supporting Information

Project Component	Site	Site Location City	ZIP Code	Detailed Written Directions to Site	Latitude / Longitude
Effort Loop	Eastern Terminus	Saylorsburg	18353	From 209: heading East – Turn Right onto Frable Rd/T432. Follow for 1.7 miles. Turn Right onto Meixsell Valley Road/T361. Follow for .2 miles then turn left. Destination is in ~340 feet. Heading West-Turn Left onto Rte 115. Follow for 1.1 miles, then turn right onto Meixsell Valley Rd/T361. Continue for 1.4 miles then turn left. Destination is in ~340 feet.	40.896796, -75.370606
	Western Terminus	Long Pond	18334	From I-80: Heading East- Take exit 284 for PA-115 towards Blakeslee. Keep right at the fork, follow signs for Lake Harmony/Brodheadsville and merge on PA-115 S. Follow for 3.2 miles. Turn Left onto Long Pond Road. Destination will be in ~.2 miles. Heading West- Take exit 384 for PA-115 S. Turn left onto PA-115 S. Follow for 3.4 miles. Turn Left onto Long Pond Rd. Destination will be in ~.2 miles.	41.053413, -75.526178
Regional Energy Lateral	Eastern Terminus	White Haven	18661	From I-80: Heading West-Take exit 284 towards Blakeslee. Merge onto PA-115 N. Follow for 8.2 Miles. Turn Right onto Ridgeway Ave. Destination will be in .2 miles. Heading East- Take exit 284 towards Blakeslee. Turn left onto PA-115 N. Follow for 8.4 miles. Turn Right onto Ridgeway Ave. Destination will be in .2 miles. From I-476: Heading South- Take exit 105 to merge onto PA-115 S. Follow PA-115 S for 8.4 miles. Turn left onto Ridgeway Ave. Destination will be in .2 Miles	41.173337, -75.671706
	Western Terminus	Dallas	18612	From PA-309: Heading South-Head South on PA-309 S toward Dallas RV and MHP. Turn Left onto Hildebrandt Rd. Follow for .4 miles then turn right onto Conyngham Ave. Follow for .4 miles. Continue onto Fairground Road. Destination will be to the left in .2 Miles. Heading North-Head North on PA-309 N toward Grandview Ave. Turn right onto Hildebrandt Rd. Follow for .4 miles then turn right onto Conyngham Ave. Follow for .4 miles. Continue onto Fairground Road. Destination will be to the left in .2 Miles.	41.346917, -75.946263
Compressor Station 515		White Haven	18661	Same as REL Eastern Terminus	41.173337, -75.671706
Compressor Station 200		Frazer	19355	From I-76: East Bound- Take exit 312 toward PA-100 S/Pottstown Pike (Toll Rd). Keep left at the fork and follow signs for PA-100 S/Downingtown and merge onto PA-100 S/Pottstown Pike. Follow for 2.5 miles. Turn left onto N. Ship Rd and follow for .6 miles. Turn left onto Valley Hill Rd and follow for 1.7 miles. Turn right onto PA-401 E. Follow for .5 miles then turn right onto Bacton Hill Rd. Destination will be in .5 Miles. Heading West-Take exit 320 toward Melvern Turn left onto PA-29 S. Turn right at the 1st cross street onto Flat Rd. Turn right onto Sidley Road and then in .4 miles, turn left onto Phoenixville Pike. In .9 miles turn right onto PA-401 W and follow for 1 mile. Turn left onto N. Bacton Hill Road. Destination will be on the right in .5 miles.	40.049969, -75.585849
Delaware River Regulator/Lower Mud Run Meter Station		Easton	18040	To Delaware River Regulator- From 22: East Bound- Take the 4th Street/PA-248 Exit toward PA-611. Turn Left onto PA-248 E/Bushkill St. Follow for .4 miles then turn left onto PA-611 N. Keep right to continue on PA-611 N/N Delaware Dr and follow for 5 miles. Turn Left onto Lower Mud Run Rd. Destination will be on the left in .4 miles. To Lower Mud Run Meter Station- Head +/- 200' northwest from the Delaware River Regulator. The site is immediately adjacent to Delaware River Regulator.	40.762166, -75.19644/ 40.762706, -75.197631
Main Line A Regulator		Washington Crossing	18977	From I-295: Take exit 10 toward New Hope. Turn left onto Taylorsville Rd. Continue straight to stay on Taylorsville Rd. In .9 miles turn right onto Mt Eyre Rd. Follow for .2 miles then turn right onto PA-32 S. The destination will be on the right in 407 feet.	40.268063, -74.857125

Transcontinental Gas Pipe Line Company, LLC

Requirement I – Project Location Map

Regional Energy Access Expansion Project –
Regional Energy Lateral and Existing Compressor Station 515

April 2021
(Revised March 2022)

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Proposed Facility Modification/Addition
Existing Compressor Station
Mile Post
Existing Springville Pipeline
Proposed Pipeline
Existing Transco Pipelines
Proposed Limits of Disturbance
Municipal Boundaries

Existing Compressor Station 515 and Proposed MLV-515RA10

Notes:
1. Maps Reduced from USGS 7.5 Minute Quadrangles:
Avoca, Kingston, Pittston, Pleasant View Summit, & Wilkes-Barre East

1 Inch = 2,000 Feet
0 2,000 4,000 Feet

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TRANSCONTINENTAL GAS PIPE LINE COMPANY, LLC

REGIONAL ENERGY ACCESS EXPANSION PROJECT
PROPOSED 30" REGIONAL ENERGY LATERAL

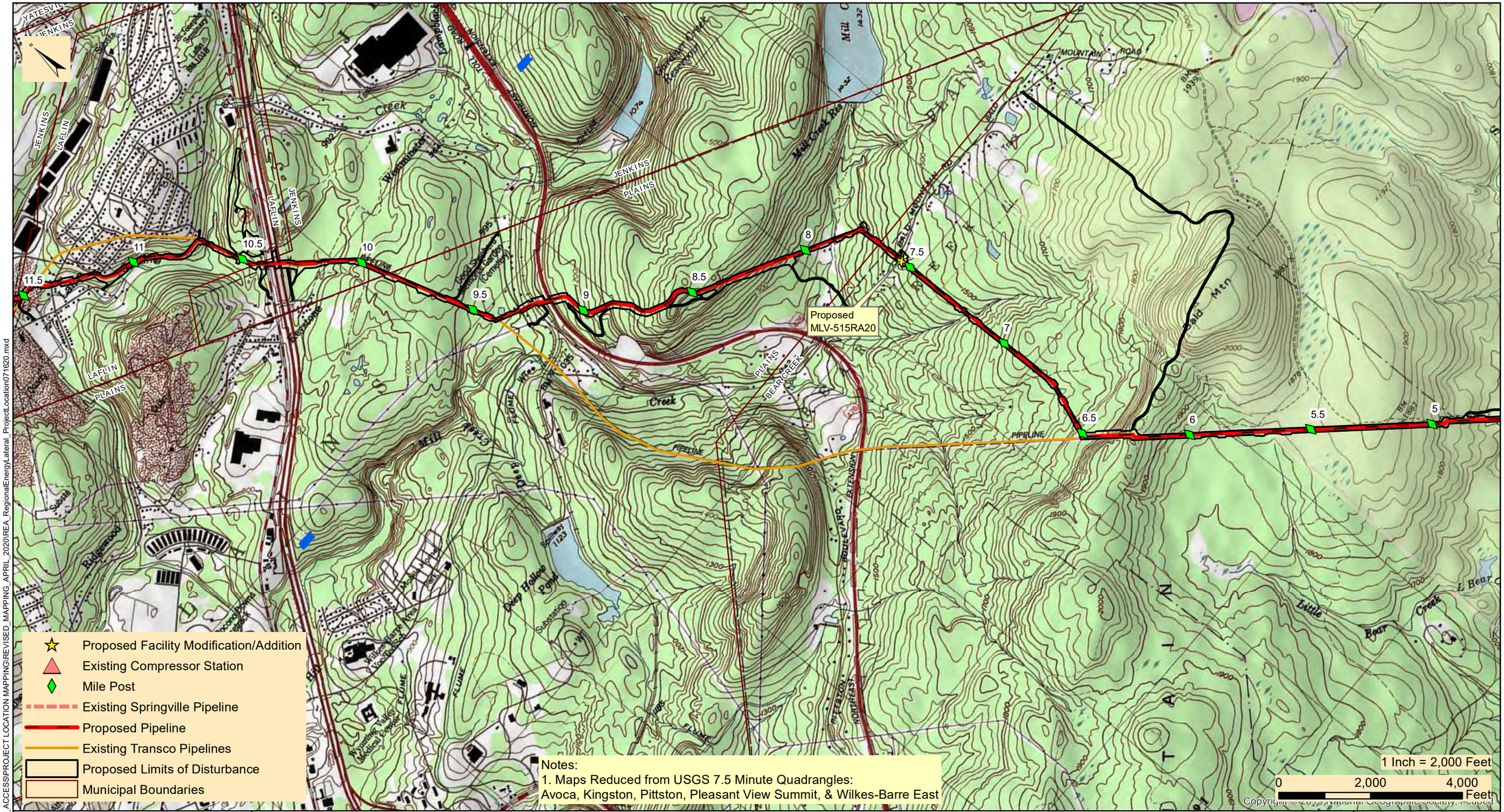
PROJECT LOCATION MAP

BUCK & BEAR CREEK TOWNSHIPS | LUZERNE COUNTY | PENNSYLVANIA

Date: 2/28/2022

Drawn By: FTN

Figure Number: REL-1



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TRANSCONTINENTAL GAS PIPE LINE COMPANY, LLC

REGIONAL ENERGY ACCESS EXPANSION PROJECT

PROPOSED 30" REGIONAL ENERGY LATERAL

PROJECT LOCATION MAP

BEAR CREEK, JENKINS, PLAINS TWPS, & LAFLIN BOROUGH | LUZERNE COUNTY | PENNSYLVANIA

Date: 2/28/2022

Drawn By: FTN

Figure Number: REL-2

Carverton Tie-In

Proposed MLV-515RA30

17.5 17 16.5 16 15.5 15 14.5 14 13.5 13 12.5 12 11.5 11 10.5 10

- Proposed Facility Modification/Addition
- Existing Compressor Station
- Mile Post
- Existing Springville Pipeline
- Proposed Pipeline
- Existing Transco Pipelines
- Proposed Limits of Disturbance
- Municipal Boundaries

Notes:
1. Maps Reduced from USGS 7.5 Minute Quadrangles:
Avoca, Kingston, Pittston, Pleasant View Summit, & Wilkes-Barre East

1 Inch = 2,000 Feet
0 2,000 4,000 Feet

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TRANSCONTINENTAL GAS PIPE LINE COMPANY, LLC

REGIONAL ENERGY ACCESS EXPANSION PROJECT

PROPOSED 30" REGIONAL ENERGY LATERAL

PROJECT LOCATION MAP

KINGSTON, JENKINS, WEST WYOMING, WYOMING, & LAFLIN | LUZERNE COUNTY | PENNSYLVANIA

Date: 2/28/2022

Drawn By: FTN

Figure Number: REL-3

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16.5

Hildebrandt Tie-in/
MLV-515RA40

Lower Demunds
REL Tie-In

Carverton
Tie-In

Proposed Facility Modification/Addition
Existing Compressor Station
Mile Post
Existing Springville Pipeline
Proposed Pipeline
Existing Transco Pipelines
Proposed Limits of Disturbance
Municipal Boundaries

Notes:
1. Maps Reduced from USGS 7.5 Minute Quadrangles:
Avoca, Kingston, Pittston, Pleasant View Summit, & Wilkes-Barre East

1 Inch = 2,000 Feet
0 2,000 4,000 Feet

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TRANSCONTINENTAL GAS PIPE LINE COMPANY, LLC

REGIONAL ENERGY ACCESS EXPANSION PROJECT
PROPOSED 30" REGIONAL ENERGY LATERAL

PROJECT LOCATION MAP

DALLAS, KINGSTON, & WEST WYOMING TOWNSHIP | LUZERNE COUNTY | PENNSYLVANIA

Date: 2/28/2022

Drawn By: FTN

Figure Number: REL-4

Tax Account Number / APN	Legal Desc County	Municipality
33F10 00A07C000	Luzerne	Wyoming
66E10 00A0A1000	Luzerne	Wyoming
67E10 00A002000	Luzerne	Wyoming
67F10 00A006000	Luzerne	Wyoming
67F10 00A14A000	Luzerne	Wyoming
67F10 00A001000	Luzerne	Wyoming
67F10 00A001000	Luzerne	Wyoming
67F10 00A010000	Luzerne	Wyoming
67F10 00A04A000	Luzerne	Wyoming
67F10NE100113A000	Luzerne	Wyoming
67F10NE100113B000	Luzerne	Wyoming
67F10NE100113G000	Luzerne	Wyoming
67F10NE100113K000	Luzerne	Wyoming
67F10NE100113K000	Luzerne	Wyoming
67F10NE100113L000	Luzerne	Wyoming
67F10NE100113M000	Luzerne	Wyoming
67F10NE100113P000	Luzerne	Wyoming
67F10NE100113R000	Luzerne	Wyoming
67F10NE2003014000	Luzerne	Wyoming
67F10NE2003015000	Luzerne	Wyoming
67F10NE2003026000	Luzerne	Wyoming
67F10NE200323A000	Luzerne	Wyoming
67F10NE2004024000	Luzerne	Wyoming
67F10NE2004025000	Luzerne	Wyoming
67F10NE200424B000	Luzerne	Wyoming

COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
BUREAU OF CLEAN WATER

MUNICIPAL NOTIFICATION OF PLANNED LAND DEVELOPMENT FOR CHAPTER 102 PERMITS

PROJECT INFORMATION (COMPLETED BY APPLICANT)

Applicant Name:	**Transcontinental Gas Pipe Line Company, a subsidiary of Williams Partners, L.P.**	Contact Name:	**Joseph Dean** **Manager-Permitting**
Applicant Address:	**2800 Post Oak Blvd, Level 11**	Contact Phone:	**(713) 215-3427**
Applicant City, State, ZIP:	**Houston, TX 77056**	County:	**Luzerne**
		Municipality:	**West Wyoming**
		Project Area:	**84.31** acres ☐ Phased
		Disturbance:	**35.58** acres

Description of Proposed Land Development and Stormwater Controls:

The Regional Energy Lateral component of the Regional Energy Access Expansion Project will consist of approximately 22.3 miles of 30-inch diameter pipeline, partially co-located with existing Transco Leidy Line-A, in Buck, Bear Creek, Plains, Jenkins, Kingston and Dallas Townships, and Laflin, Wyoming, and West Wyoming Boroughs, Luzerne County, Pennsylvania. The Regional Energy Lateral begins at existing Compressor Station 515 in Buck Township and continues westward to its terminus at Transco's existing Hildebrandt Tie-in in Dallas Township. Transco will be installing four mainline valves with appurtenant equipment, as a means to isolate gas flows along the Regional Energy Lateral. The mainline valve sites at each pipeline terminus (MLV515RA10 at Compressor Station 515 and MLV515RA40 at the Hildebrandt Tie-in) will also have pig traps (industry term for manifolds that launch or receive in-line inspection tools). The other two valve sites are proposed along the pipeline route (MLV515RA20 at Milepost 7.5 and MLV515RA30 at Milepost 14.8). Modifications at three existing pipeline interconnects are proposed to tie-in the proposed pipeline to the existing facilities. The Carverton Tie-In is located at Milepost 16.8. The Lower Demunds Tie-In is located at Milepost 22.3 and also includes a +/- 400-ft segment of 20-in pipeline and conduit to connect to the existing facility. The Hildebrandt Tie-In is located at the Regional Energy Lateral pipeline terminus and includes MLV515RA40. Two contractor yards are proposed for the Project and are located adjacent to the pipeline. CY-LU-001 is located at Milepost 15.3 and CY-LU-002 is located at Milepost 10.5. Cathodic protection equipment will be installed along the pipeline route. Deep anode ground beds are proposed at Mileposts 7.5 and 19.8, and one remote anode ground bed is proposed at Milepost 15.3. E&S and PCSM BMP's are proposed within West Wyoming Borough, with PCSM BMP's proposed at the Carverton Tie-In.

Tax Parcel ID(s) Affected by Proposed Land Development:

See attached table

Surface Waters Receiving Stormwater Discharges:

Abrahams Creek

Discharge to: ☐ MS4 ☐ Other SS ☐ CSS

The following information was submitted to the municipality for this project:

☐ Land Development / Subdivision Plan ☒ E&S Plan ☒ PCSM Plan ☐ Other:

***On March 31, 2021 Transco submitted to you its E&S and PCSM Plans (Plans) as part of the ESCGP-3 permit application notification. Transco provided an update in July 2021 indicating the Erosion and Sediment Control Permit for Discharges of Stormwater Associated with Construction Activities Application was submitted to the PA Dept. of Environmental Protection to replace the ESCGP-3 application. Transco has updated the application in response to the PADEP Technical Deficiencies and is providing the updated materials. Updated drawings, location maps, GIF form and Parcel ID tables are included.**

MUNICIPAL PLAN / ORDINANCE INFORMATION (COMPLETED BY MUNICIPALITY)		
1. Is there an adopted municipal or multi-municipal comprehensive plan?	☐ Yes	☐ No
2. Is there an enacted municipal or multi-municipal zoning ordinance?	☐ Yes	☐ No
3. If Yes to #2, is the proposed project consistent with the ordinance?	☐ Yes	☐ No
4. Is there a municipal stormwater management ordinance?	☐ Yes	☐ No
5. If Yes to #4, is the proposed project consistent with the ordinance, without waiver?	☐ Yes	☐ No

6. If Yes to #4, indicate type of ordinance: ☐ Act 167 Model Ordinance ☐ DEP Model Ordinance (MS4s) ☐ Other

APPLICANT CERTIFICATION	MUNICIPAL ACKNOWLEDGEMENT
I certify under penalty of law (see 18 Pa.C.S. § 4904 (relating to unsworn falsification)) that the information reported herein was prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the information, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.	The municipality acknowledges that a permit application for the above-referenced project has been submitted to a reviewing agency and that notification requirements of Act 14 of 1984 and Acts 67, 68, and 127 of 2000 have been satisfied. The information reported herein by the municipality is true and accurate. The municipality reserves the right to comment to the reviewing agency relative to comprehensive plans, zoning, and stormwater ordinance consistency. Municipal acknowledgment of receipt of notification shall not be construed as project approval.

Joseph Dean

Applicant Name

Applicant Signature

Manager - Permitting

Applicant Title

04/06/2022

Date of Signature

Municipal Representative Name

Municipal Representative Signature

Municipal Representative Title

Date of Signature

From: UPS
To: SFOX@WHMGROUP.COM
Subject: UPS Delivery Notification, Tracking Number 1Z8797VV0391137505
Date: Thursday, April 7, 2022 12:22:25 PM

Hello, your package has been delivered.

Delivery Date: Thursday, 04/07/2022
Delivery Time: 12:20 PM
Signed by: CONNORS

WHM CONSULTING, INC

Tracking Number:	1Z8797VV0391137505
Ship To:	WEST WYOMING BOROUGH SUPERVISORS 464 WEST 8TH STREET WEST WYOMING, PA 18644 US
Number of Packages:	1
UPS Service:	UPS Ground
Package Weight:	3.0 LBS
Reference Number:	WILLIAMS-20-244, T2C

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Transcontinental Gas Pipe Line Company, LLC

Section 1-11 – General Information Form

Regional Energy Access Expansion Project

April 2021
(Added July 2021)
(Revised March 2022)

pennsylvania
DEPARTMENT OF ENVIRONMENTAL PROTECTION

COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION

GENERAL INFORMATION FORM – AUTHORIZATION APPLICATION

Before completing this General Information Form (GIF), read the step-by-step instructions provided in this application package. This form is used by the Department of Environmental Protection (DEP) to inform our programs regarding what other DEP permits or authorizations may be needed for the proposed project or activity. This version of the General Information Form (GIF) must be completed and returned with any program-specific application being submitted to the DEP.

Related ID#s (If Known)				DEP USE ONLY
Client ID#		**APS ID#**		Date Received & General Notes
Site ID#		**Auth ID#**		
Facility ID#				

CLIENT INFORMATION

DEP Client ID#	Client Type / Code	Dun & Bradstreet ID#
163321	LLC	

Legal Organization Name or Registered Fictitious Name	Employer ID# (EIN)	Is the EIN a SSN?
Transcontinental Gas Pipe Line Company, LLC	74-1079400	☐ Yes ☒ NO

State of Incorporation or Registration of Fictious Name

☐ Corporation ☒ LLC ☐ Partnership ☐ LLP ☐ LP
☐ Sole Proprietorship ☐ Association/Organization
☐ Estate/Trust ☐ Other

Individual Last Name	First Name	MI	Suffix

Additional Individual Last Name	First Name	MI	Suffix

Mailing Address Line 1	Mailing Address Line 2
2800 Post Oak Blvd, Level 11	

Address Last Line – City	State	ZIP+4	Country
Houston	TX	77056	United States

Client Contact Last Name	First Name	MI	Suffix
Dean	Joseph		

Client Contact Title	Phone	Ext	Cell Phone
Manager, Permitting	(713) 215-3427		

Email Address	FAX
Joseph.Dean@Williams.com	

SITE INFORMATION

DEP Site ID#	Site Name
	Regional Energy Access Expansion Project

EPA ID# **Estimated Number of Employees to be Present at Site**

Description of Site
The Project is an expansion of an existing natural gas transmission system consisting of pipelines, modification of three existing compressor stations and additional existing ancillary facilities.

Tax Parcel ID(s):

County Name(s)	Municipality(ies)	City	Boro	Twp	State
Luzerne	Buck, Bear Creek, Plains, Jenkins, Kingston, Dallas, Wyoming, West Wyoming, Laflin	☐	☒	☒	PA
Monroe	Ross, Chestnuthill, Tunkhannock	☐	☐	☒	PA
Northampton	Lower Mt. Bethel	☐	☐	☒	PA
Bucks	Lower Makefield	☐	☐	☒	PA
Chester	East Whiteland	☐	☐	☒	PA
		☐	☐	☒	PA
		☐	☒	☐	PA

Site Location Line 1	Site Location Line 2
See Section 1.1 - GIF Supporting Information	

Site Location Last Line – City	State	ZIP+4

Detailed Written Directions to Site
See Secton 1.1 - GIF Supporting Information for locations of all project sites.

Site Contact Last Name	First Name	MI	Suffix
Henry	Josh		

Site Contact Title	Site Contact Firm
Environmental Specialist	Transcontinental Gas Pipe Line Company, LLC.

Mailing Address Line 1	Mailing Address Line 2
2000 Commerce Drive, Park Place 2	

Mailing Address Last Line – City	State	ZIP+4
Pittsburgh	PA	15275

Phone	Ext	FAX	Email Address
(412) 787- 4277			Josh.Henry@Williams.com

NAICS Codes (Two- & Three-Digit Codes – List All That Apply) **6-Digit Code** (Optional)
221

Client to Site Relationship
OWNOP

FACILITY INFORMATION

Modification of Existing Facility	Yes	No
1. **Will this project modify an existing facility, system, or activity?**	☒	☐
2. **Will this project involve an addition to an existing facility, system, or activity?**	☒	☐

If "Yes", check all relevant facility types and provide DEP facility identification numbers below.

	Facility Type	DEP Fac ID#		Facility Type	DEP Fac ID#
☐	Air Emission Plant		☐	Industrial Minerals Mining Operation	
☐	Beneficial Use (water)		☐	Laboratory Location	
☐	Blasting Operation		☐	Land Recycling Cleanup Location	
☐	Captive Hazardous Waste Operation		☐	Mine Drainage Treatment / Land Recycling Project Location	
☐	Coal Ash Beneficial Use Operation		☐	Municipal Waste Operation	
☐	Coal Mining Operation		☐	Oil & Gas Encroachment Location	
☐	Coal Pillar Location		☐	Oil & Gas Location	
☐	Commercial Hazardous Waste Operation		☐	Oil & Gas Water Poll Control Facility	
☐	Dam Location		☐	Public Water Supply System	
☐	Deep Mine Safety Operation -Anthracite		☐	Radiation Facility	
☐	Deep Mine Safety Operation -Bituminous		☐	Residual Waste Operation	
☐	Deep Mine Safety Operation -Ind Minerals		☐	Storage Tank Location	
☐	Encroachment Location (water, wetland)		☐	Water Pollution Control Facility	
☐	Erosion & Sediment Control Facility		☐	Water Resource	
☐	Explosive Storage Location		☒	Other: Natural Gas Transmission	

Latitude/Longitude Point of Origin	Latitude Degrees	Latitude Minutes	Latitude Seconds	Longitude Degrees	Longitude Minutes	Longitude Seconds
See Section 1.1 - GIF Supporting Information						

Horizontal Accuracy Measure	Feet	*--or--*	Meters
Horizontal Reference Datum Code	☐ North American Datum of 1927 ☒ North American Datum of 1983 ☐ World Geodetic System of 1984		
Horizontal Collection Method Code	GISDR		
Reference Point Code	CNTAR		
Altitude	Feet	*--or--*	Meters
Altitude Datum Name	☐ The National Geodetic Vertical Datum of 1929 ☒ The North American Vertical Datum of 1988 (NAVD88)		
Altitude (Vertical) Location Datum Collection Method Code	TOPO		

Geometric Type Code	POINT				
Data Collection Date	2020				
Source Map Scale Number	1	Inch(es)	=	2,000	Feet
--or--		Centimeter(s)	=		Meters

PROJECT INFORMATION

Project Name
Regional Energy Access Expansion Project

Project Description
The Project is an expansion of Transco's existing natural gas transmission system that will enable Transco to provide an incremental 829,400 dekatherms per day (Dth/d) of year-round firm transportation capacity from the Marcellus Shale production area in northeastern Pennsylvania (PA) to multiple delivery points along Transco's Leidy Line in PA, Transco's mainline at the Station 210 Zone 6 Pooling Point in Mercer County, New Jersey (NJ) and multiple delivery points in Transco's Zone 6 in NJ, PA, and Maryland (MD). The Project will consist of the following components:

• Approximately 22.2 miles of 30-inch-diameter pipeline partially collocated with Transco's Leidy Line A from milepost (MP) 0.00 to MP 22.32 in Luzerne County, PA (Regional Energy Lateral);

• Approximately 13.8 miles of 42-inch-diameter pipeline collocated with Transco's Leidy Line System from MP 43.72 to MP 57.50 in Monroe County, PA (Effort Loop);

• New electric motor-driven compressor station identified as Compressor Station 201 with 9,000 nominal horsepower (HP) in Gloucester County, NJ;

• Addition of two gas-fired turbine driven compressor units with 31,800 nominal HP at ISO conditions at existing Compressor Station 505 in Somerset County, NJ, to accommodate the abandonment and replacement of approximately 16,000 HP from eight existing internal combustion engine-driven compressor units and increase the certificated station compression by 15,800 HP;

• Addition of two gas-fired turbine driven compressor units with 63,742 nominal HP at ISO conditions and modification of three existing compressors at existing Compressor Station 515 in Luzerne County, PA to support the Project and to accommodate the abandonment and replacement of approximately 17,000 HP from five existing gas-fired reciprocating engine driven compressors and increase the certificated station compression by 46,742 HP;

• Uprate and rewheel two existing electric motor-driven compressor units at existing Compressor Station 195 in York County, PA to increase the certificated station compression by 6,000 HP and accommodate the abandonment of two existing gas-fired reciprocating engine driven compressors, which total approximately 8,000 HP;

• Modifications at existing Compressor Station 200 in Chester County, PA;

• Uprate one existing electric motor-driven compressor unit at Compressor Station 207 in Middlesex County, NJ to increase the certificated station compression by 4,100 HP;

• Modifications to three (3) existing pipeline tie-ins in PA (Hildebrandt Tie-in, Lower Demunds REL Tie-in, and Carverton Tie-in);

• Addition of regulation controls at an existing valve setting on Transco's Mainline "A" in Bucks County, PA (Mainline A Regulator);

• Modifications at the existing Delaware River Regulator in Northampton County, PA;

• Modifications at the existing Centerville Regulator in Somerset County, NJ;

• Modifications to the existing valves and piping at the Princeton Junction (Station 210 Pooling Point) in Mercer County, NJ;

• Modifications to three (3) existing delivery meter stations in NJ (Camden M&R Station, Lawnside M&R Station, and Mt. Laurel M&R Station);

• Modifications to one (1) existing delivery meter station in MD (Beaver Dam M&R Station);

• Contractual changes (no modifications) at ten (10) existing delivery meter stations in PA and NJ (Algonquin-Centerville Meter Station, Post Road Meter Station, New Village Meter Station, Spruce Run Meter Station, Marcus Hook Meter Station, Ivyland Meter Station, Repaupo Meter Station, Morgan Meter Station, Lower Mud Run Meter Station, and Chesterfield Meter Station);

• Additional ancillary facilities, such as mainline valves (MLVs), cathodic protection, communication facilities, and internal inspection device (e.g., pig) launchers and receivers in PA; and

• Existing, improved, and new access roads and contractor yards/staging areas in PA, NJ, and MD.

In an ongoing effort to reduce its air emissions footprint, Transco is assessing the replacement of vintage gas-fired reciprocating engine driven compressors with more efficient state-of-the-art gas-fired turbine driven compressors. The proposed compression abandonment and replacement scopes at Transco's existing Compressor Station 505 and Compressor Station 515 are part of this effort and have been adopted into the Project scope. Additionally, the uprate and optimization of existing electric motor-driven compression to accommodate abandonment of gas-fired reciprocating engine driven compression at Compressor Station 195 has also been adopted into the Project scope.

The Algonquin-Centerville, Post Road, New Village, Spruce Run, Marcus Hook, Ivyland, Repaupo, Morgan, Lower Mud Run, and Chesterfield Meter Stations can accommodate the contractual changes proposed as part of this Project; therefore, no modifications are proposed at these facilities

Project Consultant Last Name	**First Name**	**MI**	**Suffix**
Nelson	Ryan		

Project Consultant Title	**Consulting Firm**
Senior Project Manager	WHM Consulting, LLC

Mailing Address Line 1	**Mailing Address Line 2**
2525 Green Tech Drive; Suite B	

Address Last Line – City	**State**	**ZIP+4**
State College	PA	16803

Phone	**Ext**	**FAX**	**Email Address**
(814) 689-1650	102		ryann@whmgroup.com

Time Schedules	**Project Milestone (Optional)**
March 2021	Submit 401 WQC
April 2021	Submit Chapter 102 / 105 Permits
2nd Quarter of 2023	Commence Construction
4th Quarter 2024	In-service Date

1. Is the project located in or within a 0.5-mile radius of an Environmental Justice community as defined by DEP? ☒ Yes ☐ No

To determine if the project is located in or within a 0.5-mile radius of an environmental justice community, please use the online Environmental Justice Areas Viewer.

2. Have you informed the surrounding community prior to submitting the application to the Department? ☒ Yes ☐ No

Method of notification:

1) Open house schedule mailed to affected parties;

2) Newspaper advertisements of open houses placed in newspapers of general circulation in the Project area;

3) Open houses (a mixture of virtual and in-person) held in the county of each major project scope item;
4) Newspaper advertisements prior to commencement of construction, which will be placed in those same publications;
5) Notification to businesses potentially affected by construction;
6) Designation of a point of contact for stakeholder communication;
7) A Project toll free telephone number for public inquiries; and
•8) A Project website with periodic updates of relevant information.

3. Have you addressed community concerns that were identified? ☒ Yes ☐ No ☐ N/A

If no, please briefly describe the community concerns that have been expressed and not addressed.

4. Is your project funded by state or federal grants? ☐ Yes ☒ No

Note: If "Yes", specify what aspect of the project is related to the grant and provide the grant source, contact person and grant expiration date.

Aspect of Project Related to Grant
Grant Source: _____
Grant Contact Person: _____
Grant Expiration Date: _____

5. Is this application for an authorization on Appendix A of the Land Use Policy? (For referenced list, see Appendix A of the Land Use Policy attached to GIF instructions) ☒ Yes ☐ No

Note: If "No" to Question 5, the application is not subject to the Land Use Policy.
If "Yes" to Question 5, the application is subject to this policy and the Applicant should answer the additional questions in the **Land Use Information** section.

LAND USE INFORMATION

Note: Applicants should submit copies of local land use approvals or other evidence of compliance with local comprehensive plans and zoning ordinances.

1.	**Is there an adopted county or multi-county comprehensive plan?**	☒	Yes	☐	No
2.	**Is there a county stormwater management plan?**	☒	Yes	☐	No
3.	**Is there an adopted municipal or multi-municipal comprehensive plan?**	☒	Yes	☐	No
4.	**Is there an adopted county-wide zoning ordinance, municipal zoning ordinance or joint municipal zoning ordinance?**	☒	Yes	☐	No
5.	**Does the proposed project meet the provisions of the zoning ordinance or does the proposed project have zoning approval?** If zoning approval has been received, attach documentation.	☒	Yes	☐	No
6.	**Have you attached Municipal and County Land Use Letters for the project?**	☐	Yes	☒	No

Note: If the Applicant answers "No" to either Questions 1, 3 or 4, the provisions of the PA MPC are not applicable and the Applicant does not need to respond to questions 5 and 6 below.
If the Applicant answers "Yes" to questions 1, 3 and 4, the Applicant should respond to questions 5 and 6 below.

* This Project is regulated by the Federal Energy Regulatory Commission (FERC) under the Natural Gas Act. FERC has exclusive jurisdiction over siting of the Project, therefore, local zoning is preempted.

COORDINATION INFORMATION

Note: The PA Historical and Museum Commission must be notified of proposed projects in accordance with DEP Technical Guidance Document 012-0700-001 utilizing the Project Review Form.

If the activity will be a mining project (i.e., mining of coal or industrial minerals, coal refuse disposal and/or the operation of a coal or industrial minerals preparation/processing facility), respond to questions 1.0 through 2.5 below.

If the activity will not be a mining project, skip questions 1.0 through 2.5 and begin with question 3.0.

1.0	**Is this a coal mining project?** If "Yes", respond to 1.1-1.6. If "No", skip to Question 2.0.	☐	Yes	☒	No
1.1	**Will this coal mining project involve coal preparation/ processing activities in which the total amount of coal prepared/processed will be equal to or greater than 200 tons/day?**	☐	Yes	☐	No
1.2	**Will this coal mining project involve coal preparation/ processing activities in which the total amount of coal prepared/processed will be greater than 50,000 tons/year?**	☐	Yes	☐	No
1.3	**Will this coal mining project involve coal preparation/ processing activities in which thermal coal dryers or pneumatic coal cleaners will be used?**	☐	Yes	☐	No
1.4	**For this coal mining project, will sewage treatment facilities be constructed and treated waste water discharged to surface waters?**	☐	Yes	☐	No
1.5	**Will this coal mining project involve the construction of a permanent impoundment meeting one or more of the following criteria: (1) a contributory drainage area exceeding 100 acres; (2) a depth of water measured by the upstream toe of the dam at maximum storage elevation exceeding 15 feet; (3) an impounding capacity at maximum storage elevation exceeding 50 acre-feet?**	☐	Yes	☐	No
1.6	**Will this coal mining project involve underground coal mining to be conducted within 500 feet of an oil or gas well?**	☐	Yes	☐	No
2.0	**Is this a non-coal (industrial minerals) mining project?** If "Yes", respond to 2.1-2.6. If "No", skip to Question 3.0.	☐	Yes	☒	No
2.1	**Will this non-coal (industrial minerals) mining project involve the crushing and screening of non-coal minerals other than sand and gravel?**	☐	Yes	☐	No
2.2	**Will this non-coal (industrial minerals) mining project involve the crushing and/or screening of sand and gravel with the exception of wet sand and gravel operations (screening only) and dry sand and gravel operations with a capacity of less than 150 tons/hour of unconsolidated materials?**	☐	Yes	☐	No
2.3	**Will this non-coal (industrial minerals) mining project involve the construction, operation and/or modification of a portable non-metallic (i.e., non-coal) minerals processing plant under the authority of the General Permit for Portable Non-metallic Mineral Processing Plants (i.e., BAQ-PGPA/GP-3)?**	☐	Yes	☐	No
2.4	**For this non-coal (industrial minerals) mining project, will sewage treatment facilities be constructed and treated waste water discharged to surface waters?**	☐	Yes	☐	No
2.5	**Will this non-coal (industrial minerals) mining project involve the construction of a permanent impoundment meeting one or more of the following criteria: (1) a contributory drainage area exceeding 100 acres; (2) a depth of water measured by the upstream toe of the dam at maximum storage elevation exceeding 15 feet; (3) an impounding capacity at maximum storage elevation exceeding 50 acre-feet?**	☐	Yes	☐	No

3.0	**Will your project, activity, or authorization have anything to do with a well related to oil or gas production, have construction within 200 feet of, affect an oil or gas well, involve the waste from such a well, or string power lines above an oil or gas well?** If "Yes", respond to 3.1-3.3. If "No", skip to Question 4.0.	☐	Yes	☒	No
3.1	**Does the oil- or gas-related project involve any of the following: placement of fill, excavation within or placement of a structure, located in, along, across or projecting into a watercourse, floodway or body of water (including wetlands)?**	☐	Yes	☐	No
3.2	**Will the oil- or gas-related project involve discharge of industrial wastewater or stormwater to a dry swale, surface water, ground water or an existing sanitary sewer system or storm water system?** If "Yes", discuss in *Project Description*.	☐	Yes	☐	No
3.3	**Will the oil- or gas-related project involve the construction and operation of industrial waste treatment facilities?**	☐	Yes	☐	No
4.0	**Will the project involve a construction activity that results in earth disturbance?** If "Yes", specify the total disturbed acreage.	☒	Yes	☐	No
	4.0.1 Total Disturbed Acreage + / - 672				
	4.0.2 Will the project discharge or drain to a special protection water (EV or HQ) or an EV wetland?	☒	Yes	☐	No
	4.0.3 Will the project involve a construction activity that results in earth disturbance in the area of the earth disturbance that are contaminated at levels exceeding residential or non-residential medium-specific concentrations (MSCs) in 25 Pa. Code Chapter 250 at residential or non-residential construction sites, respectively?	☐	Yes	☒	No
5.0	**Does the project involve any of the following: water obstruction and/or encroachment, wetland impacts, or floodplain project by the Commonwealth/political subdivision or public utility?** If "Yes", respond to 5.1-5.7. If "No", skip to Question 6.0.	☒	Yes	☐	No
5.1	**Water Obstruction and Encroachment Projects – Does the project involve any of the following: placement of fill, excavation within or placement of a structure, located in, along, across or projecting into a watercourse, floodway or body of water?**	☒	Yes	☐	No
5.2	**Wetland Impacts – Does the project involve any of the following: placement of fill, excavation within or placement of a structure, located in, along, across or projecting into a wetland?**	☒	Yes	☐	No
5.3	**Floodplain Projects by the Commonwealth, a Political Subdivision of the Commonwealth or a Public Utility – Does the project involve any of the following: placement of fill, excavation within or placement of a structure, located in, along, across or projecting into a floodplain?**	☐	Yes	☒	No
5.4	**Is your project an interstate transmission natural gas pipeline?**	☒	Yes	☐	No
5.5	**Does your project consist of linear construction activities which result in earth disturbance in two or more DEP regions AND three or more counties?**	☒	Yes	☐	No
5.6	**Does your project utilize Floodplain Restoration as a best management practice for Post Construction Stormwater Management?**	☐	Yes	☒	No
5.7	**Does your project utilize Class V Gravity / Injection Wells as a best management practice for Post Construction Stormwater Management?**	☐	Yes	☒	No
6.0	**Will the project involve discharge of construction related stormwater to a dry swale, surface water, ground water or separate storm water system?**	☒	Yes	☐	No

6.1	**Will the project involve discharge of industrial waste stormwater or wastewater from an industrial activity or sewage to a dry swale, surface water, ground water or an existing sanitary sewer system or separate storm water system?**	☒	Yes	☐	No
7.0	**Will the project involve the construction and operation of industrial waste treatment facilities?**	☐	Yes	☒	No
8.0	**Will the project involve construction of sewage treatment facilities, sanitary sewers, or sewage pumping stations?** If "Yes", indicate estimated proposed flow (gal/day). Also, discuss the sanitary sewer pipe sizes and the number of pumping stations/treatment facilities/name of downstream sewage facilities in the *Project Description*, where applicable.	☐	Yes	☒	No
	8.0.1 Estimated Proposed Flow (gal/day)				
9.0	**Will the project involve the subdivision of land, or the generation of 800 gpd or more of sewage on an existing parcel of land or the generation of an additional 400 gpd of sewage on an already-developed parcel, or the generation of 800 gpd or more of industrial wastewater that would be discharged to an existing sanitary sewer system?**	☐	Yes	☒	No
	9.0.1 Was Act 537 sewage facilities planning submitted and approved by DEP? If "Yes" attach the approval letter. Approval required prior to 105/NPDES approval.	☐	Yes	☐	No
10.0	**Is this project for the beneficial use of biosolids for land application within Pennsylvania?** If "Yes" indicate how much (i.e. gallons or dry tons per year).	☐	Yes	☒	No
	10.0.1 Gallons Per Year (residential septage)				
	10.0.2 Dry Tons Per Year (biosolids)				
11.0	**Does the project involve construction, modification or removal of a dam?** If "Yes", identify the dam.	☐	Yes	☒	No
	11.0.1 Dam Name				
12.0	**Will the project interfere with the flow from, or otherwise impact, a dam?** If "Yes", identify the dam.	☐	Yes	☒	No
	12.0.1 Dam Name				
13.0	**Will the project involve operations (excluding during the construction period) that produce air emissions (i.e., NOX, VOC, etc.)?**	☒	Yes	☐	No
	13.0.1 If "Yes", is the operation subject to the agricultural exemption in 35 P.S. § 4004.1?	☐	Yes	☒	No

13.0.2 If the answer to 13.0.1 is "No", identify each type of emission followed by the estimated amount of that emission.

Enter all types & amounts of emissions; separate each set with semicolons.

Summary of Compressor Station 515 Estimated Net Operational Potential to Emit (PTE): NOx - 196.8; CO - 314.40; VOC - 50.6; SO2 - 14.0; PM10/PM2.5 - 30.6; Single HAP (formaldehyde)- 8.7; Total HAP - 12.2; CO2e - 511,413 = Annual (tpy)

Summary of Pipeline and M&R Station Estimated Operational Potential to Emit (PTE): VOC - 1.17; Single HAP - 0.20; Total HAP - 0.20; CO2e - 5460.47 = Annual (tpy)

Modifications to Compressor Station 195 and Compressor Station 200 only include uprating existing electric motor-driven compression capacity or piping and valve modifications; therefore, Transco anticipates these facilities will have insignificant operational emissions.

14.0	**Does the project include the construction or modification of a drinking water supply to serve 15 or more connections or 25 or more people, at least 60 days out of the year?** If "Yes", check all proposed sub-facilities.	☐	Yes	☒	No
	14.0.1 Number of Persons Served _____				
	14.0.2 Number of Employee/Guests _____				
	14.0.3 Number of Connections _____				
	14.0.4 Sub-Fac: Distribution System	☐	Yes	☐	No
	14.0.5 Sub-Fac: Water Treatment Plant	☐	Yes	☐	No
	14.0.6 Sub-Fac: Source	☐	Yes	☐	No
	14.0.7 Sub-Fac: Pump Station	☐	Yes	☐	No
	14.0.8 Sub Fac: Transmission Main	☐	Yes	☐	No
	14.0.9 Sub-Fac: Storage Facility	☐	Yes	☐	No
15.0	**Will your project include infiltration of storm water or waste water to ground water within one-half mile of a public water supply well, spring or infiltration gallery?**	☒	Yes	☐	No
16.0	**Is your project to be served by an existing public water supply?** If "Yes", indicate name of supplier and attach letter from supplier stating that it will serve the project.	☐	Yes	☒	No
	16.0.1 Supplier's Name _____				
	16.0.2 Letter of Approval from Supplier is Attached	☐	Yes	☐	No
17.0	**Will this project be served by on-lot drinking water wells?**	☐	Yes	☒	No
18.0	**Will this project involve a new or increased drinking water withdrawal from a river, stream, spring, lake, well or other water bod(ies)?** If "Yes", reference Safe Drinking Water Program.	☐	Yes	☒	No
	18.0.1 Source Name				
19.0	**Will the construction or operation of this project involve treatment, storage, reuse, or disposal of waste?** If "Yes", indicate what type (i.e., hazardous, municipal (including infectious & chemotherapeutic), residual) and the amount to be treated, stored, re-used or disposed.	☐	Yes	☒	No
	19.0.1 Type & Amount				
20.0	**Will your project involve the removal of coal, minerals, contaminated media, or solid waste as part of any earth disturbance activities?**	☐	Yes	☒	No
21.0	**Does your project involve installation of a field constructed underground storage tank?** If "Yes", list each Substance & its Capacity. **Note:** Applicant may need a Storage Tank Site Specific Installation Permit.	☐	Yes	☒	No
	21.0.1 Enter all substances & capacity of each; separate each set with semicolons.				
22.0	**Does your project involve installation of an aboveground storage tank greater than 21,000 gallons capacity at an existing facility?** If "Yes", list each Substance & its Capacity. **Note:** Applicant may need a Storage Tank Site Specific Installation Permit.	☐	Yes	☒	No
	22.0.1 Enter all substances & capacity of each; separate each set with semicolons.				
23.0	**Does your project involve installation of a tank greater than 1,100 gallons which will contain a highly hazardous substance as defined in DEP's Regulated Substances List, 2570-BK-DEP2724?** If "Yes", list each Substance & its Capacity. **Note:** Applicant may need a Storage Tank Site Specific Installation Permit.	☐	Yes	☒	No
	23.0.1 Enter all substances & capacity of each; separate each set with semicolons.				

24.0	**Does your project involve installation of a storage tank at a new facility with a total AST capacity greater than 21,000 gallons?** If "Yes", list each Substance & its Capacity. **Note:** Applicant may need a Storage Tank Site Specific Installation Permit. **24.0.1 Enter all substances & capacity of each; separate each set with semicolons.**	☐	Yes	☒	No

NOTE: If the project includes the installation of a regulated storage tank system, including diesel emergency generator systems, the project may require the use of a Department Certified Tank Handler. For a full list of regulated storage tanks and substances, please go to www.dep.pa.gov search term storage tanks

25.0	**Will the intended activity involve the use of a radiation source?**	☐	Yes	☒	No

CERTIFICATION

I certify that I have the authority to submit this application on behalf of the applicant named herein and that the information provided in this application is true and correct to the best of my knowledge and information.

For applicants supplying an EIN number: I am applying for a permit or authorization from the Pennsylvania Department of Environmental Protection (DEP). As part of this application, I will provide DEP with an accurate EIN number for the applicant entity. By filing this application with DEP, I hereby authorize DEP to confirm the accuracy of the EIN number provided with the Pennsylvania Department of Revenue. As applicant, I further consent to the Department of Revenue discussing the same with DEP prior to issuance of the Commonwealth permit or authorization.

Type or Print Name Joseph Dean

Signature	Title	Date
	Manager, Permitting	02/24/2022

GIF Supporting Information

Project Component	Site	Site Location City	ZIP Code	Detailed Written Directions to Site	Latitude / Longitude
Effort Loop	Eastern Terminus	Saylorsburg	18353	From 209: heading East – Turn Right onto Frable Rd/T432. Follow for 1.7 miles. Turn Right onto Meixsell Valley Road/T361. Follow for .2 miles then turn left. Destination is in ~340 feet. Heading West-Turn Left onto Rte 115. Follow for 1.1 miles, then turn right onto Meixsell Valley Rd/T361. Continue for 1.4 miles then turn left. Destination is in ~340 feet.	40.896796, -75.370606
	Western Terminus	Long Pond	18334	From I-80: Heading East- Take exit 284 for PA-115 towards Blakeslee. Keep right at the fork, follow signs for Lake Harmony/Brodheadsville and merge on PA-115 S. Follow for 3.2 miles. Turn Left onto Long Pond Road. Destination will be in ~.2 miles. Heading West- Take exit 384 for PA-115 S. Turn left onto PA-115 S. Follow for 3.4 miles. Turn Left onto Long Pond Rd. Destination will be in ~.2 miles.	41.053413, -75.526178
Regional Energy Lateral	Eastern Terminus	White Haven	18661	From I-80: Heading West-Take exit 284 towards Blakeslee. Merge onto PA-115 N. Follow for 8.2 Miles. Turn Right onto Ridgeway Ave. Destination will be in .2 miles. Heading East- Take exit 284 towards Blakeslee. Turn left onto PA-115 N. Follow for 8.4 miles. Turn Right onto Ridgeway Ave. Destination will be in .2 miles. From I-476: Heading South- Take exit 105 to merge onto PA-115 S. Follow PA-115 S for 8.4 miles. Turn left onto Ridgeway Ave. Destination will be in .2 Miles	41.173337, -75.671706
	Western Terminus	Dallas	18612	From PA-309: Heading South-Head South on PA-309 S toward Dallas RV and MHP. Turn Left onto Hildebrandt Rd. Follow for .4 miles then turn right onto Conyngham Ave. Follow for .4 miles. Continue onto Fairground Road. Destination will be to the left in .2 Miles. Heading North-Head North on PA-309 N toward Grandview Ave. Turn right onto Hildebrandt Rd. Follow for .4 miles then turn right onto Conyngham Ave. Follow for .4 miles. Continue onto Fairground Road. Destination will be to the left in .2 Miles.	41.346917, -75.946263
Compressor Station 515		White Haven	18661	Same as REL Eastern Terminus	41.173337, -75.671706
Compressor Station 200		Frazer	19355	From I-76: East Bound- Take exit 312 toward PA-100 S/Pottstown Pike (Toll Rd). Keep left at the fork and follow signs for PA-100 S/Downingtown and merge onto PA-100 S/Pottstown Pike. Follow for 2.5 miles. Turn left onto N. Ship Rd and follow for .6 miles. Turn left onto Valley Hill Rd and follow for 1.7 miles. Turn right onto PA-401 E. Follow for .5 miles then turn right onto Bacton Hill Rd. Destination will be in .5 Miles. Heading West-Take exit 320 toward Melvern Turn left onto PA-29 S. Turn right at the 1st cross street onto Flat Rd. Turn right onto Sidley Road and then in .4 miles, turn left onto Phoenixville Pike. In .9 miles turn right onto PA-401 W and follow for 1 mile. Turn left onto N. Bacton Hill Road. Destination will be on the right in .5 miles.	40.049969, -75.585849
Delaware River Regulator/Lower Mud Run Meter Station		Easton	18040	To Delaware River Regulator- From 22: East Bound- Take the 4th Street/PA-248 Exit toward PA-611. Turn Left onto PA-248 E/Bushkill St. Follow for .4 miles then turn left onto PA-611 N. Keep right to continue on PA-611 N/N Delaware Dr and follow for 5 miles. Turn Left onto Lower Mud Run Rd. Destination will be on the left in .4 miles. To Lower Mud Run Meter Station- Head +/- 200' northwest from the Delaware River Regulator. The site is immediately adjacent to Delaware River Regulator.	40.762166, -75.19644/ 40.762706, -75.197631
Main Line A Regulator		Washington Crossing	18977	From I-295: Take exit 10 toward New Hope. Turn left onto Taylorsville Rd. Continue straight to stay on Taylorsville Rd. In .9 miles turn right onto Mt Eyre Rd. Follow for .2 miles then turn right onto PA-32 S. The destination will be on the right in 407 feet.	40.268063, -74.857125

Transcontinental Gas Pipe Line Company, LLC

Requirement I – Project Location Map

Regional Energy Access Expansion Project –
Regional Energy Lateral and Existing Compressor Station 515

April 2021
(Revised March 2022)

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Proposed Facility Modification/Addition
Existing Compressor Station
Mile Post
Existing Springville Pipeline
Proposed Pipeline
Existing Transco Pipelines
Proposed Limits of Disturbance
Municipal Boundaries

Existing Compressor Station 515 and Proposed MLV-515RA10

Notes:
1. Maps Reduced from USGS 7.5 Minute Quadrangles:
Avoca, Kingston, Pittston, Pleasant View Summit, & Wilkes-Barre East

1 Inch = 2,000 Feet
0 2,000 4,000 Feet

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TRANSCONTINENTAL GAS PIPE LINE COMPANY, LLC

REGIONAL ENERGY ACCESS EXPANSION PROJECT
PROPOSED 30" REGIONAL ENERGY LATERAL

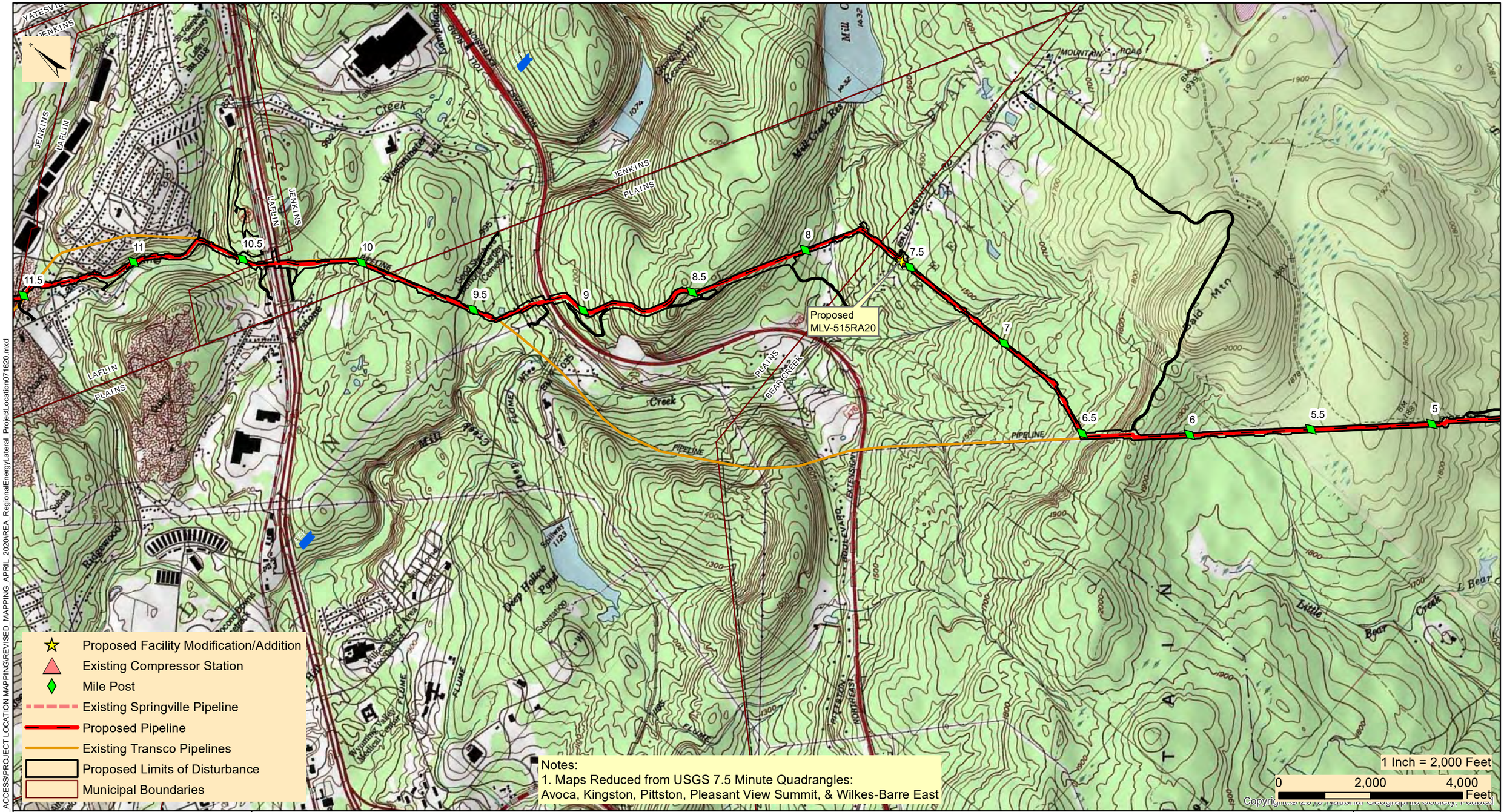
PROJECT LOCATION MAP

BUCK & BEAR CREEK TOWNSHIPS | LUZERNE COUNTY | PENNSYLVANIA

Date: 2/28/2022

Drawn By: FTN

Figure Number: REL-1



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Williams®

TRANSCONTINENTAL GAS PIPE LINE COMPANY, LLC

REGIONAL ENERGY ACCESS EXPANSION PROJECT

PROPOSED 30" REGIONAL ENERGY LATERAL

PROJECT LOCATION MAP

BEAR CREEK, JENKINS, PLAINS TWPS, & LAFLIN BOROUGH | LUZERNE COUNTY | PENNSYLVANIA

Date: 2/28/2022

Drawn By: FTN

Figure Number: REL-2

Carverton Tie-In

Proposed MLV-515RA30

17.5 17 16.5 16 15.5 15 14.5 14 13.5 13 12.5 12 11.5 11 10.5 10

- Proposed Facility Modification/Addition
- Existing Compressor Station
- Mile Post
- Existing Springville Pipeline
- Proposed Pipeline
- Existing Transco Pipelines
- Proposed Limits of Disturbance
- Municipal Boundaries

Notes:
1. Maps Reduced from USGS 7.5 Minute Quadrangles:
Avoca, Kingston, Pittston, Pleasant View Summit, & Wilkes-Barre East

1 Inch = 2,000 Feet
0 2,000 4,000 Feet

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TRANSCONTINENTAL GAS PIPE LINE COMPANY, LLC

REGIONAL ENERGY ACCESS EXPANSION PROJECT

PROPOSED 30" REGIONAL ENERGY LATERAL

PROJECT LOCATION MAP

KINGSTON, JENKINS, WEST WYOMING, WYOMING, & LAFLIN | LUZERNE COUNTY | PENNSYLVANIA

Date: 2/28/2022

Drawn By: FTN

Figure Number: REL-3

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20.5
20
21.5
22
19.5
19
17.5
17
16.5

Hildebrandt Tie-in/
MLV-515RA40

Lower Demunds
REL Tie-In

Carverton
Tie-In

Proposed Facility Modification/Addition
Existing Compressor Station
Mile Post
Existing Springville Pipeline
Proposed Pipeline
Existing Transco Pipelines
Proposed Limits of Disturbance
Municipal Boundaries

Notes:
1. Maps Reduced from USGS 7.5 Minute Quadrangles:
Avoca, Kingston, Pittston, Pleasant View Summit, & Wilkes-Barre East

1 Inch = 2,000 Feet
0 2,000 4,000 Feet

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Williams

TRANSCONTINENTAL GAS PIPE LINE COMPANY, LLC

REGIONAL ENERGY ACCESS EXPANSION PROJECT
PROPOSED 30" REGIONAL ENERGY LATERAL

PROJECT LOCATION MAP

DALLAS, KINGSTON, & WEST WYOMING TOWNSHIP | LUZERNE COUNTY | PENNSYLVANIA

Date: 2/28/2022

Drawn By: FTN

Figure Number: REL-4

Tax Account Number / APN	Legal Desc County	Municipality
35E9 00A055000	Luzerne	West Wyoming
35E9 00A55A000	Luzerne	West Wyoming
59E10 00A008000	Luzerne	West Wyoming
66E10 00A001000	Luzerne	West Wyoming
66E10 00A002000	Luzerne	West Wyoming
66E10 00A004000	Luzerne	West Wyoming
66E10 00A014000	Luzerne	West Wyoming
66E10 00A015000	Luzerne	West Wyoming
66E10 00A04C000	Luzerne	West Wyoming
66E10 00A15A000	Luzerne	West Wyoming
66E10 00A002000	Luzerne	West Wyoming
66E10 00A003000	Luzerne	West Wyoming
66E10 00A004000	Luzerne	West Wyoming
66E10 00A00A000	Luzerne	West Wyoming
66E10 00A014000	Luzerne	West Wyoming
66E10 00A016000	Luzerne	West Wyoming
66E10 00A017000	Luzerne	West Wyoming
66E10 00A01A000	Luzerne	West Wyoming
66E10 00A01B000	Luzerne	West Wyoming
66E10 00A02A000	Luzerne	West Wyoming
66E10 00A05B000	Luzerne	West Wyoming
66E10 00A0A1000	Luzerne	West Wyoming
66E10S2 001001000	Luzerne	West Wyoming
66E10S2 001002000	Luzerne	West Wyoming
66E10S2 001002000	Luzerne	West Wyoming
66E10S2 001003000	Luzerne	West Wyoming
66E10S2 001004000	Luzerne	West Wyoming
66E10S2 001029000	Luzerne	West Wyoming
66E10S2 00102A000	Luzerne	West Wyoming
66E10S2 00102B000	Luzerne	West Wyoming
66E10S2 001030000	Luzerne	West Wyoming
66E10S2 002001000	Luzerne	West Wyoming
66E10S2 002002000	Luzerne	West Wyoming
66E10S2 002002000	Luzerne	West Wyoming
66E10S2 00201A000	Luzerne	West Wyoming
66E10SE4001011000	Luzerne	West Wyoming
66F10 00A005000	Luzerne	West Wyoming
67F10 00A04A000	Luzerne	West Wyoming
67F10NE100113K000	Luzerne	West Wyoming

COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
BUREAU OF CLEAN WATER

MUNICIPAL NOTIFICATION OF PLANNED LAND DEVELOPMENT FOR CHAPTER 102 PERMITS

PROJECT INFORMATION (COMPLETED BY APPLICANT)

Applicant Name:	**Transcontinental Gas Pipe Line Company, a subsidiary of Williams Partners, L.P.**	Contact Name:	**Joseph Dean** **Manager-Permitting**
Applicant Address:	**2800 Post Oak Blvd, Level 11**	Contact Phone:	**(713) 215-3427**
Applicant City, State, ZIP:	**Houston, TX 77056**	County:	**Luzerne**
		Municipality:	**Wyoming**
		Project Area:	**84.86** acres ☐ Phased
		Disturbance:	**47.85** acres

Description of Proposed Land Development and Stormwater Controls:

The Regional Energy Lateral component of the Regional Energy Access Expansion Project will consist of approximately 22.3 miles of 30-inch diameter pipeline, partially co-located with existing Transco Leidy Line-A, in Buck, Bear Creek, Plains, Jenkins, Kingston and Dallas Townships, and Laflin, Wyoming, and West Wyoming Boroughs, Luzerne County, Pennsylvania. The Regional Energy Lateral begins at existing Compressor Station 515 in Buck Township and continues westward to its terminus at Transco's existing Hildebrandt Tie-in in Dallas Township. Transco will be installing four mainline valves with appurtenant equipment, as a means to isolate gas flows along the Regional Energy Lateral. The mainline valve sites at each pipeline terminus (MLV515RA10 at Compressor Station 515 and MLV515RA40 at the Hildebrandt Tie-in) will also have pig traps (industry term for manifolds that launch or receive in-line inspection tools). The other two valve sites are proposed along the pipeline route (MLV515RA20 at Milepost 7.5 and MLV515RA30 at Milepost 14.8). Modifications at three existing pipeline interconnects are proposed to tie-in the proposed pipeline to the existing facilities. The Carverton Tie-In is located at Milepost 16.8. The Lower Demunds Tie-In is located at Milepost 22.3 and also includes a +/- 400-ft segment of 20-in pipeline to connect to the existing facility. The Hildebrandt Tie-In is located at the Regional Energy Lateral pipeline terminus and includes MLV515RA40. Two contractor yards are proposed for the Project and are located adjacent to the pipeline. CY-LU-001 is located at Milepost 15.3 and CY-LU-002 is located at Milepost 10.5. Cathodic protection equipment will be installed along the pipeline route. Deep anode ground beds are proposed at Mileposts 7.5 and 19.8, and one remote anode ground bed is proposed at Milepost 15.3. E&S and PCSM BMP's are proposed within Wyoming Borough, with PCSM BMP's proposed at the MLV515RA30 valve site.

Tax Parcel ID(s) Affected by Proposed Land Development:

See attached table

Surface Waters Receiving Stormwater Discharges:

Abrahams Creek, Susquehanna River

Discharge to: ☐ MS4 ☐ Other SS ☐ CSS

The following information was submitted to the municipality for this project:

☐ Land Development / Subdivision Plan ☒ E&S Plan ☒ PCSM Plan ☐ Other:

***On March 31, 2021 Transco submitted to you its E&S and PCSM Plans (Plans) as part of the ESCGP-3 permit application notification. The purpose of this notice is to let you know that Transco will be submitting an Erosion and Sediment Control Permit for Discharges of Stormwater Associated with Construction Activities Application to the PA Dept. of Environmental Protection to replace the ESCGP-3 application. Please refer to the previously submitted Plans.**

MUNICIPAL PLAN / ORDINANCE INFORMATION (COMPLETED BY MUNICIPALITY)		
1. Is there an adopted municipal or multi-municipal comprehensive plan?	☐ Yes	☐ No
2. Is there an enacted municipal or multi-municipal zoning ordinance?	☐ Yes	☐ No
3. If Yes to #2, is the proposed project consistent with the ordinance?	☐ Yes	☐ No
4. Is there a municipal stormwater management ordinance?	☐ Yes	☐ No
5. If Yes to #4, is the proposed project consistent with the ordinance, without waiver?	☐ Yes	☐ No

6. If Yes to #4, indicate type of ordinance: ☐ Act 167 Model Ordinance ☐ DEP Model Ordinance (MS4s) ☐ Other

APPLICANT CERTIFICATION	MUNICIPAL ACKNOWLEDGEMENT
I certify under penalty of law (see 18 Pa.C.S. § 4904 (relating to unsworn falsification)) that the information reported herein was prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the information, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.	The municipality acknowledges that a permit application for the above-referenced project has been submitted to a reviewing agency and that notification requirements of Act 14 of 1984 and Acts 67, 68, and 127 of 2000 have been satisfied. The information reported herein by the municipality is true and accurate. The municipality reserves the right to comment to the reviewing agency relative to comprehensive plans, zoning, and stormwater ordinance consistency. Municipal acknowledgment of receipt of notification shall not be construed as project approval.

Joseph Dean

Applicant Name

Municipal Representative Name

Applicant Signature

Municipal Representative Signature

Manager - Permitting

Applicant Title

Municipal Representative Title

07/01/2021

Date of Signature

Date of Signature

Tax Account Number / APN	Legal Desc County	Municipality
66E10 00A002000	Luzerne	Wyoming
67E10 00A002000	Luzerne	Wyoming
67F10 00A001000	Luzerne	Wyoming
67F10 00A006000	Luzerne	Wyoming
67F10 00A04A000	Luzerne	Wyoming
67F10NE100113B000	Luzerne	Wyoming
67F10NE100113G000	Luzerne	Wyoming
67F10NE100113K000	Luzerne	Wyoming
67F10NE100113K000	Luzerne	Wyoming
67F10NE100113L000	Luzerne	Wyoming
67F10NE100113M000	Luzerne	Wyoming
67F10NE100113P000	Luzerne	Wyoming
67F10NE100113R000	Luzerne	Wyoming
67F10NE2003014000	Luzerne	Wyoming
67F10NE2003015000	Luzerne	Wyoming
67F10NE2003026000	Luzerne	Wyoming
67F10NE200323A000	Luzerne	Wyoming
67F10NE2004025000	Luzerne	Wyoming
67F10NE200424B000	Luzerne	Wyoming

From: UPS
To: SFOX@WHMGROUP.COM
Subject: UPS Delivery Notification, Tracking Number 1Z8797VV0396017733
Date: Wednesday, July 7, 2021 11:46:54 AM

Hello, your package has been delivered.

Delivery Date: Wednesday, 07/07/2021
Delivery Time: 11:45 AM
Left At: MET CUST MAN

Set Delivery Instructions | Manage Preferences | View My Packages

WHM CONSULTING, INC

Tracking Number:	1Z8797VV0396017733
Ship To:	WYOMING BOROUGH SUPERVISORS 277 WYOMING AVENUE WYOMING, PA 18644 US
Number of Packages:	1
UPS Service:	UPS Ground
Package Weight:	1.0 LBS
Reference Number:	WILLIAMS-20-244, TASK 2C

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March 31, 2021

UPS TRACKING (1Z8797VV0391482285)

Wyoming Borough Supervisors
277 Wyoming Avenue
Wyoming, PA 18644

Re: Regional Energy Access Expansion Project– Regional Energy Lateral and Compressor Station 515
Pennsylvania Acts 14, 67, 68, and 127 Notification
Wyoming Borough, Luzerne County, Pennsylvania

Dear Borough Supervisors:

This municipal notice, under the requirements of Act 14, 97 P.S. § 510-5, is to inform you that Transcontinental Gas Pipe Line Company, LLC (Transco), a subsidiary of The Williams Companies, Inc. (Williams) is applying for coverage under the Erosion and Sediment Control General Permit (ESCGP-3) for Earth Disturbance Associated with Oil & Gas Exploration, Production, Processing or Treatment Operations or Transmission Facilities from the Pennsylvania Department of Environmental Protection (DEP).

1) Project Name: Regional Energy Access Expansion Project – Regional Energy Lateral and Compressor Station 515

2) Project Description: Transco, indirectly owned by The Williams Companies, Inc. (Williams), is seeking authorization from the Federal Energy Regulatory Commission (FERC or Commission) under Section 7(c) of the Natural Gas Act and Part 157 of the Commission's regulations, to construct, own, operate, and maintain the proposed Project facilities. The Project is an expansion of Transco's existing natural gas transmission system that will enable Transco to provide an incremental 829,400 dekatherms per day (Dth/d) of year-round firm transportation capacity from the Marcellus Shale production area in northeastern Pennsylvania (PA) to multiple delivery points along Transco's Leidy Line in PA, Transco's mainline at the Station 210 Zone 6 Pooling Point in Mercer County, New Jersey (NJ) and multiple delivery points in Transco's Zone 6 in NJ, PA, and Maryland (MD).

The Regional Energy Lateral component of the Project will consist of approximately 22.3 miles of 30-inch diameter pipeline, partially co-located with existing Transco Leidy Line-A, in Buck, Bear Creek, Plains, Jenkins, Kingston and Dallas Townships, and Laflin, Wyoming, and West Wyoming Boroughs, Luzerne County, Pennsylvania. The Regional Energy Lateral begins at existing Compressor Station 515 in Buck Township and continues westward to its terminus at Transco's existing Hildebrandt Tie-in in Dallas Township. Transco will be installing four mainline valves with appurtenant equipment, as a means to isolate gas flows along the Regional Energy Lateral. The mainline valve sites at each pipeline terminus (MLV515RA10 at Compressor Station 515 and MLV515RA40 at the Hildebrandt Tie-in) will also have pig traps (industry term for manifolds that launch or receive in-line inspection tools). The other two valve sites are proposed along the pipeline route (MLV515RA20 at Milepost 7.5 and MLV515RA30 at Milepost 14.8). Modifications at three existing pipeline interconnects are proposed to tie-in the proposed pipeline to the existing facilities. The Carverton Tie-In is located at Milepost 16.8. The Lower Demunds Tie-In is located at Milepost 22.3 and also includes a +/- 400-ft segment of 20-in pipeline to connect to the existing facility. The Hildebrandt Tie-In is located at the Regional Energy Lateral pipeline terminus and includes MLV515RA40. Two contractor yards are proposed for the Project and are located adjacent to the pipeline. CY-LU-001 is located at Milepost 15.3 and CY-LU-002 is located at Milepost 10.5. Cathodic protection equipment will be installed along the pipeline route. Deep anode ground beds are proposed at Mileposts 7.5 and 19.8, and one remote anode ground bed is proposed at Milepost 15.3.

The existing Compressor Station 515 component of the Project is located at the eastern terminus of the Regional Energy Lateral in Buck Township, Luzerne County. Proposed at this facility is the addition of two gas-fired turbine driven compressor units with 63,742 nominal HP at ISO conditions and modification of three existing compressors to support the Project and to accommodate the abandonment and replacement of approximately 17,000 HP from five existing gas-fired reciprocating engine driven compressors and increase the certificated station compression by 46,742 HP. One Mainline Valve will be installed at this facility (MLV515RA10).

3) Applicant Name: Transcontinental Gas Pipe Line Company, LLC's (Transco), a subsidiary of Williams Partners L.P. (Williams)

4) Applicant Contact: Joseph Dean
Manager, Permitting
2800 Post Oak Blvd, Level 11
Houston, TX 77056
(713) 215-3427

5) Site Location: The proposed Project is located on the Kingston, Pittston, Wilks-Barre East, Pleasant View Summit, Pennsylvania, 7.5 Minute USGS quadrangle. The Project is partially co-located with an existing pipeline right-of-way. The eastern terminus of the Regional Energy Lateral is located at: 41°10'24.037" 75°40'18.141"W, and is also the location of Compressor Station 515. The western pipeline terminus: 41°20'48.869"N, 75°56'46.642"W.

6) Municipality / County: Buck, Bear Creek, Plains, Jenkins, Kingston, and Dallas Townships, Wyoming, West Wyoming, and Laflin Boroughs, Luzerne County

Act 14, which amended the Commonwealth's Administrative Code (71 P.S. § 510-5), requires every applicant for a new, amended, or revised permit to give written notice to each municipality (borough, township) and county government in which the facility is located. The municipality and county government must receive the written notice at least thirty (30) - days before DEP may issue or deny approval of coverage.

Enclosed is a complete copy of the Notice of Intent (NOI) completed for the project as well as copies of the erosion and sediment control plan and post construction stormwater management plan drawings.

Sincerely,

Ryan J. Nelson, PWS
WHM Consulting, LLC

Enclosures:
NOI Form
Erosion and Sediment Control Plan Drawings
Post Construction Stormwater Management Plan Drawings

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To: SFOX@WHMGROUP.COM
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NOTICE OF INTENT (NOI) FOR COVERAGE UNDER THE EROSION AND SEDIMENT CONTROL GENERAL PERMIT (ESCGP-3) FOR EARTH DISTURBANCE ASSOCIATED WITH OIL AND GAS EXPLORATION, PRODUCTION, PROCESSING, OR TREATMENT OPERATIONS OR TRANSMISSION FACILITIES

READ THE INSTRUCTIONS PROVIDED IN THIS PERMIT APPLICATION PACKAGE BEFORE COMPLETING THIS FORM. PLEASE PRINT OR TYPE INFORMATION IN BLACK OR BLUE INK.

SECTION A. APPLICATION TYPE

Check one:

NEW ☒ **RENEWAL** ☐ **MAJOR MODIFICATIONS (Provide ESCGP number)** ☐

PHASED ☐ (check only if applicable; *note: Most projects are not submitted as phased projects*)

Check one: EXPEDITED ☐ **STANDARD** ☒

If an Expedited Review Process being requested, be advised that the Expedited Review is not available for all projects. Refer to Section D - Expedited Review Process of the ESCGP-3 NOI Instructions to determine if the project is eligible.

SECTION B. CLIENT INFORMATION

Applicant's Last Name (If applicable)	First Name	MI	Telephone No.
Organization Name or Registered Fictitious Name Transcontinental Gas Pipe Line Company, LLC (Contact: Joseph Dean)			Telephone No. (713) 215-3427
DEP Client ID No.			
Headquarters Mailing Address 2800 Post Oak Blvd, Level 11	City Houston	State TX	ZIP Code 77056
Email Address Joseph.Dean@williams.com			
Co-Applicant's Last Name (If applicable)	First Name	MI	Telephone No.
Organization Name or Registered Fictitious Name			Telephone No.

Address	City	State	ZIP Code
Email Address			

SECTION C. SITE INFORMATION			
Is there an existing ESCGP associated with this site? ☐ Yes ☒ No If yes, Permit No. _____			
Has a well permit application been submitted for this site? ☐ Yes ☒ No If yes, Permit No. _____ Does this site have a 911 address? ☐ Yes ☒ No If yes, provide site location address.			
Site Name Regional Energy Access Expansion Project			
Site Location See Attachment 1-1.1- NOI Supporting Information	Site No. (if another permit has been issued for the site)		
Site Location – City See Attachment 1-1.1- NOI Supporting Information		State PA	ZIP Code
Detailed Written Directions to Site See Attachment 1-1.1- NOI Supporting Information for locations of all project sites			

Primary Location	County	Municipality	City	Boro	Twp.
	Luzerne, Northhampton, Bucks, Chester, and Monroe	Buck, Bear Creek, Plains, Jenkins, Kingston, Lower Mt. Bethel, Ross, Chestnut Hill, Tunkhannock, Lower Makefield, East Whiteland and Dallas Townships Wyoming, West Wyoming, and Laflin Boroughs	☐	☒	☒

SECTION D. EXPEDITED REVIEW	
I. Expedited Review Eligibility	
1. Is any part of the project in the watershed of a surface water with an existing or designated use of exceptional value or high quality pursuant to Chapter 93 (relating to water quality standards), in an exceptional value wetland in accordance with 25 Pa. Code § 105.17, or in the watershed of an impaired surface water where the cause of the impairment is identified as siltation?	☒ Yes ☐ No
2. Will the project in which the well pad will be constructed be in or on a floodplain?	☐ Yes ☒ No
3. Is any earth disturbance located or proposed to be located on land known to be contaminated by the release of regulated substances as defined in Section 103 of Act 2, 35 P.S. § 6026.103?	☐ Yes ☒ No
4. Will naturally occurring geologic formations or soil conditions provide hazards to the project or surrounding environment or have the potential to cause or contribute to pollution when disturbed?	☒ Yes ☐ No
5. Do any unresolved non-compliance issues exist with the applicant or the facility?	☐ Yes ☒ No
6. Is the project a transmission project?	☒ Yes ☐ No

If yes to any of the above questions the project is not eligible for Expedited Review; If the project is eligible for Expedited Review, all the following items must be completed.	
II. Expedited Review Process	
1. Is the technically and administratively complete and accurate NOI package prepared and certified by a licensed professional?	☐ Yes ☐ No
2. Are E&S and PCSM/Site Restoration Plan drawings and narrative prepared and sealed by a licensed professional? *(Include interim restoration details when needed)*	☐ Yes ☐ No
3. Include a Resource Delineation Report and answer the following questions: (If the answer to question a. is "Yes" then skip to #4. If the answer to a. is "No" the applicant must answer "Yes" to at least one of the questions, b. through d. to be eligible for expedited review.)	
a. Were all wetland resources delineated during the growing season?	☐ Yes ☐ No
b. If not during the growing season, was a follow-up visit conducted during the growing season to verify/adjust boundaries and look for potentially missed resources?	☐ Yes ☐ No
c. Was a quality assurance field review conducted at a later date by an independent qualified wetland professional to verify boundaries and look for potentially missed resources? (If yes, attach Quality Assurance Field Review Report)	☐ Yes ☐ No
d. Was a Jurisdictional Determination (JD) or Preliminary JD conducted by the US Army Corps of Engineers on the whole project? (If yes, attach Preliminary or Jurisdictional Determination Report)	☐ Yes ☐ No
4. If applicable, have you included PNDI clearance letters or other documentation from applicable resource agencies?	☐ Yes ☐ No
5. If the project site contains, is along, or within 100 feet of a river, stream, creek, lake, pond or reservoir, will you establish new or preserve existing riparian forest buffer at least 100 feet in width between the top of streambank or normal pool elevation of a lake, pond or reservoir and areas of earth disturbances. If no, will a waiver be obtained? ☐ Yes ☐ No	☐ Yes ☐ No
6. Name of Licensed Professional Company	
Address	
Phone	

SECTION E. PROJECT INFORMATION			
1. Total Project Area/Project Site (Ac):	1,346 (Also see Attachment 1-1.1)	Total Disturbed Area (Ac):	689.8 (Also see Attachment 1-1.1)
Increased disturbed acreage *(for permit modification only)*			
Fee: ***(For additional information regarding fees, refer to NOI Instructions #3 Permit NOI Filing Fees.)***			$ $500 (Filing Fee), $69,000 (Disturbed Acre Fee)
2. Project Name: Regional Energy Access Expansion Project			

3. Project Type (Check all that apply)

- ☐ Oil/Gas Well [1]
- ☐ Gathering Facility
- ☐ Treatment Facility
- ☒ Compressor Station
- ☒ Pipeline
- ☐ Storage Field Facility
- ☐ Other
- ☒ Transmission Facility
- ☐ Processing Facility
- ☐ Well Development Impoundment
- ☐ Non-FERC regulated Transmission Facility
- ☐ Ground/Surface Water Withdrawal Site

[1] If Oil/Gas Well; is the well conventional or unconventional? ☐ Conventional ☐ Unconventional

Project Description

Transco, indirectly owned by The Williams Companies, Inc. (Williams), is seeking authorization from the Federal Energy Regulatory Commission (FERC or Commission) under Section 7(c) of the Natural Gas Act and Part 157 of the Commission's regulations, to construct, own, operate, and maintain the proposed Project facilities

The Project is an expansion of Transco's existing natural gas transmission system that will enable Transco to provide an incremental 829,400 dekatherms per day (Dth/d) of year-round firm transportation capacity from the Marcellus Shale production area in northeastern Pennsylvania (PA) to multiple delivery points along Transco's Leidy Line in PA, Transco's mainline at the Station 210 Zone 6 Pooling Point in Mercer County, New Jersey (NJ) and multiple delivery points in Transco's Zone 6 in NJ, PA, and Maryland (MD). The Project will consist of the following components:
•Approximately 22.3 miles of 30-inch-diameter pipeline partially collocated with Transco's Leidy Line A from milepost (MP) 0.00 to MP 22.32 in Luzerne County, PA (Regional Energy Lateral);
• Approximately 13.8 miles of 42-inch-diameter pipeline collocated with Transco's Leidy Line System from MP 43.72 to MP 57.50 in Monroe County, PA (Effort Loop);
• New gas-fired turbine driven compressor station identified as Compressor Station 201 with 11,107 nominal horsepower (HP) at International Organization of Standardization (ISO) conditions in Gloucester County, NJ;
• Addition of two gas-fired turbine driven compressor units with 31,800 nominal HP at ISO conditions at existing Compressor Station 505 in Somerset County, NJ, to accommodate the abandonment and replacement of approximately 16,000 HP from eight existing internal combustion engine-driven compressor units and increase the certificated station compression by 15,800 HP;
• Addition of two gas-fired turbine driven compressor units with 63,742 nominal HP at ISO conditions and modification of three existing compressors at existing Compressor Station 515 in Luzerne County, PA to support the Project and to accommodate the abandonment and replacement of approximately 17,000 HP from five existing gas-fired reciprocating engine driven compressors and increase the certificated station compression by 46,742 HP;
• Uprate and rewheel two existing electric motor-driven compressor units at existing Compressor Station 195 in York County, PA to increase the certificated station compression by 5,000 HP and accommodate the abandonment of two existing gas-fired reciprocating engine driven compressors which total approximately 8,000 HP of compression;
•Modifications at existing Compressor Station 200 in Chester County, PA;
•Uprate one existing electric motor-driven compressor unit at Compressor Station 207 in Middlesex County, NJ to increase the certificated station compression by 4,100 HP;
• Modifications to three (3) existing pipeline tie-ins in PA (Hildebrandt Tie-in, Lower Demunds REL Tie-in, and Carverton Tie-in);
•Addition of regulation controls at an existing valve setting on Transco's Mainline "A" in Bucks County, PA (Mainline A Regulator);
•Modifications at the existing Delaware River Regulator in Northampton County, PA;
•Modifications at the existing Centerville Regulator in Somerset County, NJ;
•Modifications to the existing valves and piping at the Princeton Junction (Station 210 Pooling Point) in Mercer County, NJ;
• Modifications to three (3) existing delivery meter stations in NJ (Camden M&R Station, Lawnside M&R Station, and Mt. Laurel M&R Station);
•Modifications to one (1) existing delivery meter station in MD (Beaver Dam M&R Station);
•Contractual changes (no modifications) at ten (10) existing delivery meter stations in PA and NJ (Algonquin-Centerville Meter Station, Post Road Meter Station, New Village Meter Station, Spruce Run Meter Station, Marcus Hook Meter Station, Ivyland Meter Station, Repaupo Meter Station, Morgan Meter Station, Lower Mud Run Meter Station, and Chesterfield Meter Station);
• Additional ancillary facilities, such as mainline valves (MLVs), cathodic protection, communication facilities, and internal inspection device (e.g., pig) launchers and receivers in PA; and
• Existing, improved, and new access roads and contractor yards/staging areas in PA, NJ, and MD.
Provide the date of pre-application meeting (if conducted with the Department) 04/27/20, 07/09/20, 09/04/20, 09/30/20, 12/15/20, 12/16/20, 01/06/21, 02/05/21

4. Provide the latitude and longitude coordinates for the center of the project. The coordinates should be in Decimal degrees and North American Datum 1983. The coordinates must meet the current DEP policy regarding locational accuracy. For linear projects provide the project's termini. See Attachment 1-1.1

Latitude (DD) . Longitude (DD) - .

Latitude (DD) . Longitude (DD) - .

Horizontal Collection Method: ☐ GPS ☒ Interpolated from U.S.G.S. Topographic Map ☐ DEP's eMAP

5. U.S.G.S. 7.5 min. topographic quadrangle Name (See Attachment 1-1.1)
(*Include a copy of the project area on the 7.5 min quad map)*

6. Will the project be conducted as a phased permit project? ☐ Yes ☒ No
If Yes, Include Master Site Plan Estimated Timetable for Phased Projects. ☐ Additional sheet(s) attached.

Phase No. or Name	Description	Total Area	Disturbed Area	Start Date	End Date

7. List existing and previous land use for a minimum of the previous 5 years. (See Section 2 of this ESCGP-3 Application)

8. Other Pollutants: Will the stormwater discharge contain pollutional substances other than sediment? ☐ Yes ☒ No

9. Will fuels, chemicals, solvents, other hazardous waste or materials be used or stored on site during earth disturbance activities or will Horizontal Directional Drilling (HDD) activities be conducted?
Yes ☒ No ☐ ***(If yes, Preparedness, Prevention and Contingency (PPC) Plan must be maintained on site during earth disturbance. See NOI Instructions, E.9 PPC Plan Guidance for further information.)***

10. Is the project in the watershed of an impaired surface water where the cause of the impairment is identified as siltation?
Yes ☒ No ☐ (See Section 2-5 of this ESCGP-3 Application) ***(If yes, show how the project will not result in a net change in volume, rate or water quality. See section I below, and E.10 of NOI instructions.)***

11. Are there potentially hazardous naturally occurring geological or soil conditions in any portion of the project or surrounding area? Yes ☒ No ☐

If yes, do the potentially hazardous geologic or soil conditions have the potential to cause or contribute to pollution as a result of the proposed earth disturbance activities?

If no, provide an explanation.

If yes, Geologic Hazard Mitigation Plan must be attached and explain where in this application details are provided.

12. Has the Act 14 Municipal Notification and proof of receipt of notification been attached to the NOI?
Yes ☒ No ☐ ***(If not, the NOI is not complete, see E.12 and #4 Municipal Notification in the NOI Instructions for additional guidance.)***

13. Has the PNDI receipt been attached to the NOI?
Yes ☒ No ☐ ***(If not, the NOI is not complete, see E.13 and #5 PNHP in the NOI Instructions for additional guidance.)***

14. Have the E&S Plan and PCSM/SR Plan been planned and designed to be consistent?
Yes ☒ No ☐

15. Have existing and/or proposed Riparian Forest Buffers been identified?
Yes ☒ N/A ☐ ***(If yes, they must be shown on the E&S Plan as well as the PCSM/SR Plans.)***

16. Have antidegradation implementation requirements for special protection waters been addressed?
Yes ☒ No ☐ N/A ☐ ***(If yes, antidegradation requirements must be included in the plan.)***

17. Has the seasonal high groundwater level been identified and 20-inch separation established at all excavation locations for pits for conventional operations and Well Development Impoundments for unconventional operations?

    Yes ☐ No ☐ N/A ☒

18. Receiving Waters	Chapter 93, Designated Use Stream Classification	Chapter 93, Existing Use Stream Classification
Effort Loop- Lake Creek (HQ-CWF,MF) Princess Run (CWF,MF) Weir Creek (CWF,MF) McMichael Creek (EV, MF) and (HQ-CWF) Pohopoco Creek (CWF,MF) Sugar Hollow Creek (CWF,MF) Poplar Creek (EV,CWF,MF) Mud Run (HQ-CWF, MF) Mud Pond Run (HQ-CWF,EV,MF) Tunkhannock Creek (HQ-CWF,MF) Regional Energy Lateral- Stony Run (HQ-CWF,MF) Shades Creek (HQ-CWF,MF) Little Shades Creek (HQ-CWF,MF) Snider Run (HQ-CWF,MF) Meadow Run (HQ-CWF,MF) Bear Creek (HQ-CWF,MF) Little Bear Creek (HQ-CWF,MF) Mill Creek (CWF,MF) Gardner Creek (CWF,MF) Susquehanna River (WWF,MF) Abrahams Creek (CWF,MF) Toby Creek (CWF,MF) Trout Brook (CWF,MF) Compressor Station 515- Shades Creek (HQ-CWF,MF) Stony Run (HQ-CWF,MF) Compressor Station 200- Valley Creek (EV,MF) Delaware River Regulator- Mud Run (CWF, MF) Mainline "A" Regulator - Dyers Creek (WWF,MF) See Attachment 1-1.1 for detailed list.	☒ HQ ☒ EV ☒ Other CWF, MF, WWF ☒ Siltation-impaired	☐ HQ ☒ EV ☒ Other MF ☐ Siltation-impaired
	☐ HQ ☐ EV ☐ Other _____ ☐ Siltation-impaired	☐ HQ ☐ EV ☐ Other _____ ☐ Siltation-impaired

	☐ HQ ☐ EV ☐ Other _____ ☐ Siltation-impaired ☐ HQ ☐ EV ☐ Other _____ ☐ Siltation-impaired	☐ HQ ☐ EV ☐ Other _____ ☐ Siltation-impaired ☐ HQ ☐ EV ☐ Other _____ ☐ Siltation-impaired
Secondary Receiving Water	Secondary Chapter 93, Designated Use	Secondary Existing Use
Name of Municipal or Private Separate Storm Sewer Operator, if applicable.		
Non-Surface Receiving Water: (include off-site discharges)		

SECTION F. EROSION AND SEDIMENT CONTROL (E&S) PLAN

See the attached Instructions for additional guidance with E&S Plans

Erosion and Sediment Control Plan BMPs should be designed to minimize accelerated erosion and sedimentation through limiting the extent and duration of earth disturbance, protection of existing drainage and vegetation, limiting soil compaction and controlling the generation of increased runoff. The Department recommends the use of the *Pennsylvania Erosion & Sedimentation Pollution Control Program Manual (E&S Manual)* (363-2134-008) to achieve this goal. The E&S Plan must meet the requirements of Pa. Code § 102.4(b) and submitted with the NOI. Also, see section 2. of the NOI instruction for detailed information on completing the E&S plan and additional requirements.

a. E&S Plan Summary

Provide a summary of proposed E&S BMPs and their performance to manage E&S for the project.

Typical BMPs provided along the pipeline Right-Of-Way includes waterbars, trench plugs, compost filter socks, compost sediment traps, rock filter outlets, erosion control blankets, rock construction entrances, temporary equipment bridges, timber mats, diversion channels, level spreaders, mulch and seed. An appropraite sediment removal device (filter bag, dewatering structure) and well-vegetated area will be utilized for trench dewatering. In HQ, EV watersheds, appropriate Antidegradation Best Available Combination of Technologies (ABACT) BMPs will be utilized. Additional information regarding all the proposed BMPs are provided in the Erosion and Sedimentation Control and Site Restoration Plans of respective project components (Section 2 of this ESCGP-3 Application).

b. E&S Plan BMP Design

Check those that apply:

☒ E&S Plan is designed using BMPs in the *E&S Manual*.

☐ E&S Plan is designed using an alternative BMP or design standard approved by DEP.

Note: NOI packages submitted with alternate BMPs not approved by the Department will be returned to the Applicant.

c. Do you have any information regarding riparian buffer which differs from Section G, Riparian Buffer?

Yes ☐ No ☒

Explain:

d. Thermal Impacts Analysis

Explain how thermal impacts associated with this project were avoided, minimized, or mitigated.

Thermal impacts associated with Regional Energy Access Expansion Project will be avoided to the maximum extent possible. Minimum permanent changes in land cover are being proposed for constructing the pipeline facilities. Runoff from impervious areas added during the project will be suitably routed to Stormwater BMPs. Gravel will be used for access roads wherever practicable. To avoid thermal impacts arising from clearing and grading, removal of vegetation will be limited to only that necessary for construction and construction Right-Of-Way will be limited to 75 feet in wetlands and floodways where practical. Once construction activities are complete, disturbed areas will be restored to pre-construction contours and seeded as described in Erosion and Sediment Control and Site Restoration Plans. Temporary workspaces will be restored back with woody and herbaceous species. Thermal impacts assessments corresponding to each project component including pipelines and aboveground facilities are given in Section 2 and 3 of this ESCGP-3 Application.

e. Off-Site Discharge Analysis

Does the activity propose any off-site discharges to areas other than surface waters? ☒ Yes ☐ No

If yes, it is the applicant's responsibility to ensure that they have legal authority for any off-site discharge to neighboring properties.

The applicant must provide a demonstration in both E&S and PCSM/SR plans that the discharge will not cause erosion, damage, or a nuisance to off-site properties.

See Offsite Discharge Analysis Sections in E&S Narratives

SECTION G. RIPARIAN BUFFER

1. Will you be protecting, converting or establishing a voluntary riparian forest buffer as part of this project?
   ☐ Yes ☒ No
   If yes, as part of the PCSM/SR Plan, provide a Buffer Management Plan.
2. Will proposed earth disturbance activities be conducted in an EV or HQ watershed AND within 150 feet of a perennial or intermittent river, stream, or creek, or lake, pond, or reservoir? ☒ Yes ☐ No

   If no, proceed to the next section/module.
3. Does this project qualify for an exception (see § 102.14(d)(1))? ☒ Yes ☐ No

   If yes, indicate below the type of project for which the exception applies by marking the appropriate box.

   ☐ Oil and gas activities for which site reclamation or restoration is part of the permit authorization in Chapter 78 and 78a.

   ☒ Road maintenance activities.

   ☐ The repair or maintenance of existing pipelines and utilities.

   ☐ Other (see §102.14(d)(1))

   If exceptions are checked, explain how existing riparian buffer will be undisturbed to the extent practicable. Provide a demonstration that the requirements of §102.14(b) are met, or provide the necessary information to request a riparian buffer waiver.
4. Are you requesting a riparian buffer waiver for this project (see § 102.14(d)(2))? ☒ Yes ☐ No

   If yes, indicate below the type of project for which you are requesting a waiver by marking the appropriate box.

   ☒ Linear project that may include pipelines, public roadways, rail lines, or utility lines.

   ☒ Project is of a temporary nature where the site will be fully restored to its preexisting conditions during the ESCGP permit term.

   ☒ Project where compliance with mandatory riparian buffers is not appropriate or feasible due to site characteristics or existing structures at the project site.

   ☐ Other (see §102.14(d)(2)):

   If waivers are checked, explain how existing riparian buffers will be undisturbed to the extent practicable.

   Note: If “Yes” to #2 **AND** “No” to #3 and #4, provide an attachment to demonstrate how the requirements of §102.14 are met.

SECTION H. POST CONSTRUCTION STORMWATER MANAGEMENT (PCSM) AND/OR SITE RESTORATION(SR) PLAN

See NOI Instructions for additional guidance with PCSM Plans

PCSM/SR BMPs should be designed to use natural measures to eliminate pollution, infiltrate runoff, not require extensive construction/maintenance, promote pollutant reduction, and preserve the integrity of stream channels. All PCSM/SR BMPs proposed in the PCSM/SR Plan must be designed in accordance with Ch. 102, Ch. 78a for unconventional operations, Ch. 78 for conventional operations and the *Pennsylvania Stormwater Best Management Practices Manual (Stormwater BMP Manual)* (363-0300-002). If alternate design criteria are utilized for the proposed project, they must have prior approval by the Department, or the NOI Application will be returned to the Applicant.

After construction is completed, how much of the entire disturbed area will be restored to meadow in good condition or better, or existing conditions? ☐ All ☒ Partial ☐ None

Include PCSM narrative and drawings for remaining impervious area. Also include a map showing the proposed contours of the site restoration plan.

If there are additional stages of the project prior to permit termination or expiration, list the stages and provide the documents required by subsection 'a' to section 'g' for each stage (e.g. partial restoration or changes to the amount of compacted areas, gravel, and/or impervious areas). Upload a narrative for each additional stage in addition to the drawings.

EXAMPLE

Stage No	Stage Name	PCSM Plan	SR Plan
Stage 1		☐	☐
Stage 2		☐	☐
Stage 3		☐	☐
Stage 4		☐	☐

Act 167 Consistency. Check those that apply.

Is there an Act 167 Plan? ☒ Yes ☐ No

☒ The attached PCSM/SR Plan is consistent with an applicable approved Act 167 Plan.

Complete the following for all approved Act 167 Stormwater Management Plans. (Use additional sheets if necessary)

Act 167 Plan Name	Date Adopted	Consistency Letter Included	
Luzerne County Stormwater Management Ordinance	August 18, 2010	Verification Report Included	☒
Valley Creek Watershed Stormwater Management Plan	February 04, 2011		

Note: A consistency letter is not required if a verification report is provided. See NOI Instructions. The PCSM/SR Plan must satisfy either sub paragraph 1, 2, or 3 below. Check those that apply.

1. ☒ Act 167 Plan approvals on or after January 2005 – The attached PCSM/SR Plan, in its entirety, is consistent with all requirements pertaining to rate, volume, and water quality from an Act 167 Stormwater Management Plan approved by DEP on or after January 2005. Box 1 must be checked if a current, DEP approved Act 167 plan exists.

2. ☒ The PCSM/SR Plan meets the standard design criteria from sections 102.8(g)(2) and (3) and the *Stormwater BMP Manual*. For projects involving oil and gas activities authorized by a permit issued under Chapter 78 or Chapter 78a (well pads) or pipelines and other similar utility infrastructure, post construction stormwater management requirements are met for all areas that are restored to preconstruction conditions or to a condition of meadow in good condition or better. *[Note: PCSM plans must meet both the volume and rate requirements in the regulations, which are provided in the 2 sections mentioned in this paragraph].*

3. ☐ Alternative Design Standard – The attached PCSM/SR Plan was developed using approaches as provided in 102.8(g)(2)(iv) and 102.8(g)(3)(iii). Demonstrate/explain in the space provided below how this standard will be either more protective than what is required in 102.8(g)(2) and 102.8(g)(3) or will maintain and protect existing water quality and existing and designated uses.

PCSM/SR BMP Alternative Standards:

Has the alternative BMP or design standard been approved by the Department?

☐ Yes

☐ No – Do not submit the ESCGP-3 application and see Section (H) of the NOI Instructions concerning the alternative BMP approval process.

Water Quality Compliance:

Does the PCSM/SR plan comply with requirements for volume control? ☒ Yes ☐ No

If yes, is at least 90% of the disturbed area controlled by a PCSM BMP? ☒ Yes ☐ No

If yes, do you have the Standard PCSM Worksheet # 10 attached to show water quality compliance has achieved?
☒ Yes ☐ No

If no, attach Standard PCSM Worksheets # 12 and #13 to show water quality compliance has achieved.

If PCSM/SR plan is not complying with the requirements for volume control, attach Standard PCSM Worksheets # 11, # 12 and #13 to show water quality compliance has achieved.

a. PCSM/SR Plan Summary

Provide a summary of proposed BMPs and their performance to manage PCSM/SR for the project.

Along the pipeline Right-Of-Way, typical E&S BMPs such as waterbars and erosion control blanket will be left in place as part of site restoration. After construction activities are completed, temporary workspaces will be restored to meadow in good condition or better than existing conditions. For the aboveground facilities, PCSM BMPs such as infiltration basins, diversion channels and vegetated swales will be used and left in place as part of site restoration. Additional information regarding all the proposed BMPs are provided in the Post-Construction Stormwater Management Plans of respective project components (Section 3 of this ESCGP-3 Application).

Check all that apply ☒ PCSM BMPs ☒ SR BMPs

b. Do you have any information regarding riparian buffer which differs from what was submitted in the Section G, Riparian Buffer?

☐ Yes ☒ No

Explain:

c. Thermal Impacts Analysis

Explain how thermal impacts associated with this project were avoided, minimized, or mitigated.

Runoff collected in PCSM BMPS such as infiltration basins will mitigate thermal impacts from post construction stormwater. Runoff collected in infiltration basins are discharged to receiving waters are not expected to be retained for more than 24 hours. Minimum permanent changes in land cover are being proposed for constructing the pipeline facilities. Gravel will be used for access roads wherever practicable. Removal of trees and riparian vegetation and addition of impervious surfaces will be limited to only that necessary for construction. Once construction activities are complete, disturbed areas will be restored to pre-construction contours and seeded as described in Erosion and Sedimental Control and Site Restoration Plans. Temporary workspaces will be restored back with woody and herbaceous species. Thermal impacts assessments correspoding to each project component including pipelines and aboveground facilities are given in Section 2 and 3 of this ESCGP-3 Application.

d. Off-Site Discharge Analysis.

Does the activity propose any off-site discharges to areas other than surface waters? ☒ Yes ☐ No

If yes, it is the applicant's responsibility to ensure that they have legal authority for any off-site discharge to neighboring properties.

The Applicant must provide a demonstration in both the E&S and PCSM/SR Plans that the discharge will not cause erosion, damage, or a nuisance to off-site properties.

See Offsite Discharge Analysis Sections in PCSM Narratives

NOI Section H. POST CONSTRUCTION STORMWATER MANAGEMENT (PCSM) PLANS

Summary Calculations of Post Construction Stormwater BMPs

1. Regional Energy Lateral Pipeline - MLV-515RA20
2. Regional Energy Lateral Pipeline - MLV-515RA30
3. Regional Energy Lateral Pipeline - Carverton Tie-in
4. Regional Energy Lateral Pipeline - Lower Demunds REL Tie-in
5. Regional Energy Lateral Pipeline – Hildebrandt Tie-in/MLV-515RA40
6. Effort Loop Pipeline - MLV-505LD86
7. Compressor Station 200
8. Compressor Station 515

NOTICE OF INTENT (NOI) FOR COVERAGE UNDER THE EROSION AND SEDIMENT CONTROL GENERAL PERMIT (ESCGP-3) FOR EARTH DISTURBANCE ASSOCIATED WITH OIL AND GAS EXPLORATION, PRODUCTION, PROCESSING, OR TREATMENT OPERATIONS OR TRANSMISSION FACILITIES

TABLES IN ADDENDUM OF NOI

SECTION H. POST CONSTRUCTION STORMWATER MANAGEMENT (PLAN) BMPs

Regional Energy Lateral Pipeline - MLV-515RA20 - Zenker Valve Yard

e. Summary Table for Supporting Calculation and Measurement Data
(See NOI Instructions for additional guidance with this section)

The remainder of this section (Summary Table for Calculation and Measurement Data) does not need to be completed for areas of projects involving oil and gas activities authorized by Chapter 78 or Chapter 78a (well pads) or pipelines and other similar utility infrastructure which will be restored to meadow in good condition or better or existing conditions.

Watershed Name: Mill Creek

Volume Control design storm frequency 2-year Rainfall amount 2.95 inches	Pre-construction	Post Construction	Net Change
Impervious area (acres)	0.00	0.19	+0.19
Volume of stormwater runoff (acre-feet) without planned stormwater BMPs	0.04	0.06	+0.02
Volume of stormwater runoff (acre-feet) with planned stormwater BMPs		0.03	-0.01
Stormwater discharge rate for the design frequency storm	Pre-construction	Post Construction	Net Change
1) 2-Year/24-Hour	3.51	3.22	-0.29
2) 10-Year/24-Hour	6.82	6.17	-0.65
3) 50-year/24-Hour	11.88	11.12	-0.76
4) 100-year/24-Hour	14.91	14.91	-0.00

f. Summary Description of PCSM/SR BMPs

In the lists below, check the BMPs identified in the PCSM Plan. The primary function(s) of the BMP listed in the functions column (infiltration/recharge; detention/retention; water quality). Additional functions may be added if applicable to that BMP. List the stormwater volume and area of runoff to be treated by each BMP type when calculations are required. If any BMP in the PCSM/SR Plan is not listed below, describe it in the space provided after "Other". A summary table with infiltration testing information (Attachment E, included in the NOI Instructions) must be submitted for all Bio-infiltration BMPs included in PCSM/SR plan.

For Rate control provide the volume of stormwater treated and acres treated for the 100-year/24-hour storm event.

For volume control and water quality provide the volume of stormwater treated and acres treated for the 2-year/24-hour storm event.

Key for BMP purpose(s): VC = Volume Control; RC = Rate Control; and WQ = Water Quality

BMP	Function(s)	Purpose(s)	Volume of stormwater treated	Acres treated
Site Restoration ONLY				
☐ Restore Site to Meadow in Good Condition or Better, or Existing Conditions	Infiltration/Recharge Detention/WQ Treatment	☐ VC ☐ RC ☐ WQ	_____	_____
Bio-infiltration areas	Infiltration/Recharge			
☐ Infiltration Trench		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Infiltration Bed		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Infiltration Basin		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Rain Garden/ Bioretention		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Infiltration Berm				
☐ Vegetated Swale		☐ VC ☐ RC ☐ WQ	_____	_____
Natural Area Conservation	Infiltration/Recharge			
☐ Streamside Buffer Zone		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Wetland Buffer Zone		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Sensitive Area Buffer Zone		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Pre-Construction Drainage Pattern Intact		☐ VC ☐ RC ☐ WQ	_____	_____
Stormwater Retention	Detention/Retention			
☐ Constructed Wetlands		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Wet Ponds		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Retention Basin		☐ VC ☐ RC ☐ WQ	_____	_____
Sediment and Pollutant Removal	Water Quality Treatment			
☐ Vegetated Filter Strips		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Compost Filter Sock		☐ VC ☐ RC ☐ WQ	_____	_____
☒ Detention Basins		☒ VC ☒ RC ☒ WQ	1,396cf(2-yr); 6,186cf(100-yr)	0.28
Access Road Design	Infiltration/Recharge			
☐ Road Crowning		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Ditches		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Turnouts		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Culverts		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Roadside Vegetated Filter Strips		☐ VC ☐ RC ☐ WQ	_____	_____

Stormwater Energy Dissipaters	Infiltration/Recharge			
☐ Level Spreaders		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Riprap Aprons		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Upslope Diversions		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Other_____		☐ VC ☐ RC ☐ WQ	_____	_____

g. Critical PCSM Plan stages

Identify and list critical stages of implementation of the PCSM Plan for which a licensed professional or designee shall be present on site.

1. Upon commencement of construction activities to ascertain the Dry Extended Detention Basin area has been flagged and fence erected to prevent access to the area.

2. At completion of Diversion Channels to ensure they have been constructed to the proposed lines and grades, the specified lining materials have been installed in accordance with the requirements of the plans and specifications, and if applicable, vegetation has been established.

3. At the beginning of construction of the Dry Extended Detention Basin to ensure the infiltration area has not been compacted by construction activities.

4. During construction of the Dry Extended Detention Basin the licensed professional will observe that the BMP is constructed in accordance with the plans and specifications.

5. At completion of Collection Channel C1 to ensure it has been constructed to the proposed line and grade, the specified lining material has been installed in accordance with the requirements of the plans and specifications, and if applicable, vegetation has been established.

6. Following installation of the Valve Yard Pad subgrade to ensure stormwater flow is directed to Collection Channel C1.

7. For final inspection of constructed BMPs.

8. At the establishment of hard surface stabilization or 70% vegetation covers to allow removal of E&S controls.

NOTICE OF INTENT (NOI) FOR COVERAGE UNDER THE EROSION AND SEDIMENT CONTROL GENERAL PERMIT (ESCGP-3) FOR EARTH DISTURBANCE ASSOCIATED WITH OIL AND GAS EXPLORATION, PRODUCTION, PROCESSING, OR TREATMENT OPERATIONS OR TRANSMISSION FACILITIES

TABLES IN ADDENDUM OF NOI

SECTION H. POST CONSTRUCTION STORMWATER MANAGEMENT (PLAN) BMPs

Regional Energy Lateral Pipeline - MLV-515RA30 - Wyoming Valve Yard

b. Summary Table for Supporting Calculation and Measurement Data

(See NOI Instructions for additional guidance with this section)

The remainder of this section (Summary Table for Calculation and Measurement Data) does not need to be completed for areas of projects involving oil and gas activities authorized by Chapter 78 or Chapter 78a (well pads) or pipelines and other similar utility infrastructure which will be restored to meadow in good condition or better or existing conditions.

Watershed Name: Susquehanna-Solomon Creek

Volume Control design storm frequency 2-year Rainfall amount 2.57 inches	Pre-construction	Post Construction	Net Change
Impervious area (acres)	0.00	0.24	+0.24
Volume of stormwater runoff (acre-feet) without planned stormwater BMPs	0.03	0.06	+0.03
Volume of stormwater runoff (acre-feet) with planned stormwater BMPs	[redacted]	0.03	-0.00
Stormwater discharge rate for the design frequency storm	Pre-construction	Post Construction	Net Change
1) 2-Year/24-Hour	0.22	0.02	-0.20
2) 10-Year/24-Hour	0.68	0.03	-0.65
3) 50-year/24-Hour	1.52	0.06	-1.46
4) 100-year/24-Hour	2.06	0.07	-1.99

c. Summary Description of PCSM/SR BMPs

In the lists below, check the BMPs identified in the PCSM Plan. The primary function(s) of the BMP listed in the functions column (infiltration/recharge; detention/retention; water quality). Additional functions may be added if applicable to that BMP. List the stormwater volume and area of runoff to be treated by each BMP type when calculations are required. If any BMP in the PCSM/SR Plan is not listed below, describe it in the space provided after "Other". A summary table with infiltration testing information (Attachment E, included in the NOI Instructions) must be submitted for all Bio-infiltration BMPs included in PCSM/SR plan.

For Rate control provide the volume of stormwater treated and acres treated for the 100-year/24-hour storm event.

For volume control and water quality provide the volume of stormwater treated and acres treated for the 2-year/24-hour storm event.

Key for BMP purpose(s): VC = Volume Control; RC = Rate Control; and WQ = Water Quality

BMP	Function(s)	Purpose(s)	Volume of stormwater treated	Acres treated
Site Restoration ONLY				
☐ Restore Site to Meadow in Good Condition or Better, or Existing Conditions	Infiltration/Recharge Detention/WQ Treatment	☐ VC ☐ RC ☐ WQ	_____	_____
Bio-infiltration areas	Infiltration/Recharge			
☐ Infiltration Trench		☐ VC ☐ RC ☐ WQ	_____	_____
☒ Infiltration Bed		☒ VC ☒ RC ☒ WQ	451cf(2-yr); 2,511cf(100-yr)	0.21
☐ Infiltration Basin		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Rain Garden/ Bioretention		☐ VC ☐ RC ☐ WQ	_____	
☐ Infiltration Berm		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Soil Amendment		☐ VC ☐ RC ☐ WQ	_____	_____
Natural Area Conservation	Infiltration/Recharge			
☐ Streamside Buffer Zone		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Wetland Buffer Zone		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Sensitive Area Buffer Zone		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Pre-Construction Drainage Pattern Intact		☐ VC ☐ RC ☐ WQ	_____	_____
Stormwater Retention	Detention/Retention			
☐ Constructed Wetlands		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Wet Ponds		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Retention Basin		☐ VC ☐ RC ☐ WQ	_____	_____
Sediment and Pollutant Removal	Water Quality Treatment			
☐ Vegetated Filter Strips		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Compost Filter Sock		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Detention Basins		☐ VC ☐ RC ☐ WQ	_____	_____
Access Road Design	Infiltration/Recharge			
☐ Road Crowning		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Ditches		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Turnouts		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Culverts		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Roadside Vegetated Filter Strips		☐ VC ☐ RC ☐ WQ	_____	_____

Stormwater Energy Dissipaters ☐ Level Spreaders ☐ Riprap Aprons ☐ Upslope Diversions ☒ OtherVegetated Swale	Infiltration/Recharge	☐ VC ☐ RC ☐ WQ ☐ VC ☐ RC ☐ WQ ☐ VC ☐ RC ☐ WQ ☒ VC ☒ RC ☒ WQ	_____ _____ _____ 1,009cf(2-yr); 4,264cf(100-yr)	_____ _____ _____ 0.49

d. Critical PCSM Plan stages

Identify and list critical stages of implementation of the PCSM Plan for which a licensed professional or designee shall be present on site.

1. Upon commencement of construction activities to ascertain the Vegetated Swale area has been flagged and fence erected to prevent access to the area.
2. At the beginning of construction of the Vegetated Swale to ensure the infiltration area has not been compacted by construction activities.
3. During construction of the Vegetated Swale the licensed professional will observe that the BMP is constructed in accordance with the plans and specifications.
4. At completion of Collection Channel C1 to ensure it has been constructed to the proposed line and grade, the specified lining material has been installed in accordance with the requirements of the plans and specifications, and if applicable, vegetation has been established.
5. Following installation of the Valve Yard Pad subgrade to ensure stormwater flow is directed to the infiltration berm.
6. For final inspection of constructed BMPs.
7. At the establishment of hard surface stabilization or 70% vegetation covers to allow removal of E&S controls.

NOTICE OF INTENT (NOI) FOR COVERAGE UNDER THE EROSION AND SEDIMENT CONTROL GENERAL PERMIT (ESCGP-3) FOR EARTH DISTURBANCE ASSOCIATED WITH OIL AND GAS EXPLORATION, PRODUCTION, PROCESSING, OR TREATMENT OPERATIONS OR TRANSMISSION FACILITIES

TABLES IN ADDENDUM OF NOI

SECTION H. POST CONSTRUCTION STORMWATER MANAGEMENT (PLAN) BMPs

Regional Energy Lateral Pipeline - Carverton Tie-In

b. Summary Table for Supporting Calculation and Measurement Data

(See NOI Instructions for additional guidance with this section)

The remainder of this section (Summary Table for Calculation and Measurement Data) does not need to be completed for areas of projects involving oil and gas activities authorized by Chapter 78 or Chapter 78a (well pads) or pipelines and other similar utility infrastructure which will be restored to meadow in good condition or better or existing conditions.

Watershed Name: Abrahams Creek

Volume Control design storm frequency 2-year Rainfall amount 2.61 inches	Pre-construction	Post Construction	Net Change
Impervious area (acres)	0.03	0.11	+0.08
Volume of stormwater runoff (acre-feet) without planned stormwater BMPs	0.02	0.03	+0.01
Volume of stormwater runoff (acre-feet) with planned stormwater BMPs	[redacted]	0.00	-0.02
Stormwater discharge rate for the design frequency storm	Pre-construction	Post Construction	Net Change
1) 2-Year/24-Hour	0.46	0.00	-0.46
2) 10-Year/24-Hour	0.91	0.00	-0.91
3) 50-year/24-Hour	1.61	0.00	-1.61
4) 100-year/24-Hour	2.01	0.00	-2.01

c. Summary Description of PCSM/SR BMPs

In the lists below, check the BMPs identified in the PCSM Plan. The primary function(s) of the BMP listed in the functions column (infiltration/recharge; detention/retention; water quality). Additional functions may be added if applicable to that BMP. List the stormwater volume and area of runoff to be treated by each BMP type when calculations are required. If any BMP in the PCSM/SR Plan is not listed below, describe it in the space provided after "Other". A summary table with infiltration testing information (Attachment E, included in the NOI Instructions) must be submitted for all Bio-infiltration BMPs included in PCSM/SR plan.

For Rate control provide the volume of stormwater treated and acres treated for the 100-year/24-hour storm event.

For volume control and water quality provide the volume of stormwater treated and acres treated for the 2-year/24-hour storm event.

Key for BMP purpose(s): VC = Volume Control; RC = Rate Control; and WQ = Water Quality

BMP	Function(s)	Purpose(s)	Volume of stormwater treated	Acres treated
Site Restoration ONLY				
☐ Restore Site to Meadow in Good Condition or Better, or Existing Conditions	Infiltration/Recharge Detention/WQ Treatment	☐ VC ☐ RC ☐ WQ	_____	_____
Bio-infiltration areas	Infiltration/Recharge			
☐ Infiltration Trench		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Infiltration Bed		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Infiltration Basin		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Rain Garden/ Bioretention		☐ VC ☐ RC ☐ WQ	_____	
☒ Infiltration Berm		☒ VC ☒ RC ☒ WQ	1,280cf (2-yr); 4,445cf(100-yr)	0.26
Natural Area Conservation	Infiltration/Recharge			
☐ Streamside Buffer Zone		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Wetland Buffer Zone		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Sensitive Area Buffer Zone		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Pre-Construction Drainage Pattern Intact		☐ VC ☐ RC ☐ WQ	_____	_____
Stormwater Retention	Detention/Retention			
☐ Constructed Wetlands		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Wet Ponds		☒ VC ☒ RC ☒ WQ	_____	_____
☐ Retention Basin		☐ VC ☐ RC ☐ WQ	_____	_____
Sediment and Pollutant Removal	Water Quality Treatment			
☐ Vegetated Filter Strips		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Compost Filter Sock		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Detention Basins		☐ VC ☐ RC ☐ WQ	_____	_____
Access Road Design	Infiltration/Recharge			
☐ Road Crowning		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Ditches		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Turnouts		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Culverts		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Roadside Vegetated Filter Strips		☐ VC ☐ RC ☐ WQ	_____	_____

Stormwater Energy Dissipaters	Infiltration/Recharge			
☐ Level Spreaders		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Riprap Aprons		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Upslope Diversions		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Other_____		☐ VC ☐ RC ☐ WQ	_____	_____

d. Critical PCSM Plan stages

Identify and list critical stages of implementation of the PCSM Plan for which a licensed professional or designee shall be present on site.

1. At the beginning of construction to ascertain the Infiltration Berm area has been flagged and fence erected to prevent access to the area.
2. Following installation of the Valve Yard Pad subgrade to ensure stormwater flow is directed to the infiltration berm.
3. At the beginning of construction of the Infiltration Berm to ensure the infiltration area has not been compacted by construction activities.
4. During construction of the infiltration berm the licensed professional will observe that the berm is constructed in accordance with the plans and specifications.
5. For final inspection of constructed BMPs.
6. At the establishment of hard surface stabilization or 70% vegetation covers to allow removal of E&S controls.

NOTICE OF INTENT (NOI) FOR COVERAGE UNDER THE EROSION AND SEDIMENT CONTROL GENERAL PERMIT (ESCGP-3) FOR EARTH DISTURBANCE ASSOCIATED WITH OIL AND GAS EXPLORATION, PRODUCTION, PROCESSING, OR TREATMENT OPERATIONS OR TRANSMISSION FACILITIES

TABLES IN ADDENDUM OF NOI

SECTION H. POST CONSTRUCTION STORMWATER MANAGEMENT (PLAN) BMPs

Regional Energy Lateral Pipeline - Lower Demunds REL Tie-In

b. Summary Table for Supporting Calculation and Measurement Data

(See NOI Instructions for additional guidance with this section)

The remainder of this section (Summary Table for Calculation and Measurement Data) does not need to be completed for areas of projects involving oil and gas activities authorized by Chapter 78 or Chapter 78a (well pads) or pipelines and other similar utility infrastructure which will be restored to meadow in good condition or better or existing conditions.

Watershed Name: Toby Creek

Volume Control design storm frequency 2-year Rainfall amount 3.40 inches	Pre-construction	Post Construction	Net Change
Impervious area (acres)	0.00	0.12	+0.12
Volume of stormwater runoff (acre-feet) without planned stormwater BMPs	0.02	0.04	+0.02
Volume of stormwater runoff (acre-feet) with planned stormwater BMPs		0.01	-0.01
Stormwater discharge rate for the design frequency storm	Pre-construction	Post Construction	Net Change
1) 2-Year/24-Hour	0.20	0.00	-0.20
2) 10-Year/24-Hour	0.40	0.00	-0.40
3) 50-year/24-Hour	0.71	0.20	-0.51
4) 100-year/24-Hour	0.89	0.51	-0.38

c. Summary Description of PCSM/SR BMPs

In the lists below, check the BMPs identified in the PCSM Plan. The primary function(s) of the BMP listed in the functions column (infiltration/recharge; detention/retention; water quality). Additional functions may be added if applicable to that BMP. List the stormwater volume and area of runoff to be treated by each BMP type when calculations are required. If any BMP in the PCSM/SR Plan is not listed below, describe it in the space provided after "Other". A summary table with infiltration testing information (Attachment E, included in the NOI Instructions) must be submitted for all Bio-infiltration BMPs included in PCSM/SR plan.

For Rate control provide the volume of stormwater treated and acres treated for the 100-year/24-hour storm event.

For volume control and water quality provide the volume of stormwater treated and acres treated for the 2-year/24-hour storm event.

Key for BMP purpose(s): VC = Volume Control; RC = Rate Control; and WQ = Water Quality

BMP	Function(s)	Purpose(s)	Volume of stormwater treated	Acres treated
Site Restoration ONLY				
☐ Restore Site to Meadow in Good Condition or Better, or Existing Conditions	Infiltration/Recharge Detention/WQ Treatment	☐ VC ☐ RC ☐ WQ	_____	_____
Bio-infiltration areas	Infiltration/Recharge			
☐ Infiltration Trench		☐ VC ☐ RC ☐ WQ	_____	_____
☒ Infiltration Bed		☒ VC ☒ RC ☒ WQ	1,481cf(2-yr); 4,356cf(100-yr)	0.17
☐ Infiltration Basin		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Rain Garden/ Bioretention		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Infiltration Berm		☐ VC ☐ RC ☐ WQ	_____	_____
Natural Area Conservation	Infiltration/Recharge			
☐ Streamside Buffer Zone		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Wetland Buffer Zone		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Sensitive Area Buffer Zone		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Pre-Construction Drainage Pattern Intact		☐ VC ☐ RC ☐ WQ	_____	_____
Stormwater Retention	Detention/Retention			
☐ Constructed Wetlands		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Wet Ponds		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Retention Basin		☐ VC ☐ RC ☐ WQ	_____	_____
Sediment and Pollutant Removal	Water Quality Treatment			
☐ Vegetated Filter Strips		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Compost Filter Sock		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Detention Basins		☐ VC ☐ RC ☐ WQ	_____	_____
Access Road Design	Infiltration/Recharge			
☐ Road Crowning		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Ditches		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Turnouts		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Culverts		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Roadside Vegetated Filter Strips		☐ VC ☐ RC ☐ WQ	_____	_____

Stormwater Energy Dissipaters ☐ Level Spreaders ☐ Riprap Aprons ☐ Upslope Diversions ☐ Other_____	Infiltration/Recharge	 ☐ VC ☐ RC ☐ WQ ☐ VC ☐ RC ☐ WQ ☐ VC ☐ RC ☐ WQ ☐ VC ☐ RC ☐ WQ	 _____ _____ _____ _____	 _____ _____ _____ _____

d. Critical PCSM Plan stages

Identify and list critical stages of implementation of the PCSM Plan for which a licensed professional or designee shall be present on site.

1. Upon commencement of construction activities to ascertain the Valve Yard Pad area has been flagged and fence erected to prevent access to the area.
2. At completion of Diversion Berm/Channel to ensure it has been constructed to the proposed lines and grades, the specified lining materials have been installed in accordance with the requirements of the plans and specifications, and if applicable, vegetation has been established.
3. At the beginning of construction of the Valve Yard Pad to ensure the infiltration area has not been compacted by construction activities.
4. During construction of the Valve Yard Pad the licensed professional will observe that the BMP is constructed in accordance with the plans and specifications.
5. Following installation of the Valve Yard Pad subgrade to ensure stormwater flow is directed to the outlet structure.
6. For final inspection of constructed BMPs.
7. At the establishment of hard surface stabilization or 70% vegetation covers to allow removal of E&S controls.

NOTICE OF INTENT (NOI) FOR COVERAGE UNDER THE EROSION AND SEDIMENT CONTROL GENERAL PERMIT (ESCGP-3) FOR EARTH DISTURBANCE ASSOCIATED WITH OIL AND GAS EXPLORATION, PRODUCTION, PROCESSING, OR TREATMENT OPERATIONS OR TRANSMISSION FACILITIES

TABLES IN ADDENDUM OF NOI

SECTION H. POST CONSTRUCTION STORMWATER MANAGEMENT (PLAN) BMPs

Regional Energy Lateral Pipeline – MLV-515RA40-Hildebrandt Tie-In

b. Summary Table for Supporting Calculation and Measurement Data

(See NOI Instructions for additional guidance with this section)

The remainder of this section (Summary Table for Calculation and Measurement Data) does not need to be completed for areas of projects involving oil and gas activities authorized by Chapter 78 or Chapter 78a (well pads) or pipelines and other similar utility infrastructure which will be restored to meadow in good condition or better or existing conditions.

Watershed Name: Toby Creek

Volume Control design storm frequency 2-year Rainfall amount 3.40 inches	Pre-construction	Post Construction	Net Change
Impervious area (acres)	0.0	0.22	+0.22
Volume of stormwater runoff (acre-feet) without planned stormwater BMPs	0.03	0.07	+0.04
Volume of stormwater runoff (acre-feet) with planned stormwater BMPs	[redacted]	0.01	-0.02
Stormwater discharge rate for the design frequency storm	Pre-construction	Post Construction	Net Change
1) 2-Year/24-Hour	0.34	0.20	-0.14
2) 10-Year/24-Hour	0.67	0.38	-0.29
3) 50-year/24-Hour	1.20	0.65	-0.55
4) 100-year/24-Hour	1.52	0.80	-0.72

c. Summary Description of PCSM/SR BMPs

In the lists below, check the BMPs identified in the PCSM Plan. The primary function(s) of the BMP listed in the functions column (infiltration/recharge; detention/retention; water quality). Additional functions may be added if applicable to that BMP. List the stormwater volume and area of runoff to be treated by each BMP type when calculations are required. If any BMP in the PCSM/SR Plan is not listed below, describe it in the space provided after "Other". A summary table with infiltration testing information (Attachment E, included in the NOI Instructions) must be submitted for all Bio-infiltration BMPs included in PCSM/SR plan.

For Rate control provide the volume of stormwater treated and acres treated for the 100-year/24-hour storm event.

For volume control and water quality provide the volume of stormwater treated and acres treated for the 2-year/24-hour storm event.

Key for BMP purpose(s): VC = Volume Control; RC = Rate Control; and WQ = Water Quality

BMP	Function(s)	Purpose(s)	Volume of stormwater treated	Acres treated
Site Restoration ONLY				
☐ Restore Site to Meadow in Good Condition or Better, or Existing Conditions	Infiltration/Recharge Detention/WQ Treatment	☐ VC ☐ RC ☐ WQ	_____	_____
Bio-infiltration areas	Infiltration/Recharge			
☐ Infiltration Trench		☐ VC ☐ RC ☐ WQ	_____	_____
☒ Infiltration Bed		☒ VC ☒ RC ☒ WQ	2,265cf(2-yr); 5,881cf(100-yr)	0.21
☐ Infiltration Basin		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Rain Garden/ Bioretention		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Infiltration Berm				
☐ Vegetated Swale		☐ VC ☐ RC ☐ WQ	_____	_____
Natural Area Conservation	Infiltration/Recharge			
☐ Streamside Buffer Zone		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Wetland Buffer Zone		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Sensitive Area Buffer Zone		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Pre-Construction Drainage Pattern Intact		☐ VC ☐ RC ☐ WQ	_____	_____
Stormwater Retention	Detention/Retention			
☐ Constructed Wetlands		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Wet Ponds		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Retention Basin		☐ VC ☐ RC ☐ WQ	_____	_____
Sediment and Pollutant Removal	Water Quality Treatment			
☐ Vegetated Filter Strips		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Compost Filter Sock		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Detention Basins		☐ VC ☐ RC ☐ WQ	_____	_____
Access Road Design	Infiltration/Recharge			
☐ Road Crowning		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Ditches		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Turnouts		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Culverts		☐ VC ☐ RC ☐ WQ	_____	_____

☐ Roadside Vegetated Filter Strips		☐ VC ☐ RC ☐ WQ	_____	_____
Stormwater Energy Dissipaters	Infiltration/Recharge			
☐ Level Spreaders		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Riprap Aprons		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Upslope Diversions		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Other_____		☐ VC ☐ RC ☐ WQ	_____	_____

d. Critical PCSM Plan stages

Identify and list critical stages of implementation of the PCSM Plan for which a licensed professional or designee shall be present on site.

1. Upon commencement of construction activities to ascertain the Valve Yard Pad area has been flagged and fence erected to prevent access to the area.
2. At completion of Diversion Channel to ensure it has been constructed to the proposed lines and grades, the specified lining materials have been installed in accordance with the requirements of the plans and specifications, and if applicable, vegetation has been established.
3. At the beginning of construction of the Valve Yard Pad to ensure the infiltration area has not been compacted by construction activities.
4. During construction of the Valve Yard Pad the licensed professional will observe that the BMP is constructed in accordance with the plans and specifications.
5. Following installation of the Valve Yard Pad subgrade to ensure stormwater flow is directed to the outlet structure.
6. For final inspection of constructed BMPs.
7. At the establishment of hard surface stabilization or 70% vegetation covers to allow removal of E&S controls.

NOTICE OF INTENT (NOI) FOR COVERAGE UNDER THE EROSION AND SEDIMENT CONTROL GENERAL PERMIT (ESCGP-3) FOR EARTH DISTURBANCE ASSOCIATED WITH OIL AND GAS EXPLORATION, PRODUCTION, PROCESSING, OR TREATMENT OPERATIONS OR TRANSMISSION FACILITIES

TABLES IN ADDENDUM OF NOI

SECTION H. POST CONSTRUCTION STORMWATER MANAGEMENT (PLAN) BMPs

Effort Loop Pipeline-MLV-505LD86 Sugar Hollow Valve Yard

b. Summary Table for Supporting Calculation and Measurement Data

(See NOI Instructions for additional guidance with this section)

The remainder of this section (Summary Table for Calculation and Measurement Data) does not need to be completed for areas of projects involving oil and gas activities authorized by Chapter 78 or Chapter 78a (well pads) or pipelines and other similar utility infrastructure which will be restored to meadow in good condition or better or existing conditions.

Watershed Name: Pohopoco Creek

Volume Control design storm frequency 2-year Rainfall amount 3.26 inches	Pre-construction	Post Construction	Net Change
Impervious area (acres)	0.09	0.62	+0.53
Volume of stormwater runoff (acre-feet) without planned stormwater BMPs	0.35	0.44	+0.09
Volume of stormwater runoff (acre-feet) with planned stormwater BMPs	[redacted]	0.28	-0.07
Stormwater discharge rate for the design frequency storm DA-1	Pre-construction	Post Construction	Net Change
1) 2-Year/24-Hour	0.01	0.01	-0.00
2) 10-Year/24-Hour	0.37	0.31	-0.06
3) 50-year/24-Hour	5.89	4.21	-1.68
4) 100-year/24-Hour	11.47	8.28	-3.19
Stormwater discharge rate for the design frequency storm DA-2	Pre-construction	Post Construction	Net Change
1) 2-Year/24-Hour	4.51	3.97	-0.54
2) 10-Year/24-Hour	12.49	12.28	-0.21
3) 50-year/24-Hour	26.58	24.35	-2.23
4) 100-year/24-Hour	35.41	31.74	-3.67

c. Summary Description of PCSM/SR BMPs

In the lists below, check the BMPs identified in the PCSM Plan. The primary function(s) of the BMP listed in the functions column (infiltration/recharge; detention/retention; water quality). Additional functions may be added if applicable to that BMP. List the stormwater volume and area of runoff to be treated by each BMP type when calculations are required. If any BMP in the PCSM/SR Plan is not listed below, describe it in the space provided after "Other". A summary table with infiltration testing information (Attachment E, included in the NOI Instructions) must be submitted for all Bio-infiltration BMPs included in PCSM/SR plan.

For Rate control provide the volume of stormwater treated and acres treated for the 100-year/24-hour storm event.

For volume control and water quality provide the volume of stormwater treated and acres treated for the 2-year/24-hour storm event.

Key for BMP purpose(s): VC = Volume Control; RC = Rate Control; and WQ = Water Quality

BMP	Function(s)	Purpose(s)	Volume of stormwater treated	Acres treated
Site Restoration ONLY				
☐ Restore Site to Meadow in Good Condition or Better, or Existing Conditions	Infiltration/Recharge Detention/WQ Treatment	☐ VC ☐ RC ☐ WQ	_____	_____
Bio-infiltration areas	Infiltration/Recharge			
☐ Infiltration Trench		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Infiltration Bed		☐ VC ☐ RC ☐ WQ	_____	_____
☒ Infiltration Basin		☒ VC ☒ RC ☒ WQ	1,123cf(2-yr); 21,318cf(100-yr)	2.85
☐ Rain Garden/ Bioretention		☐ VC ☐ RC ☐ WQ	_____	_____
☒ Infiltration Berm		☒ VC ☒ RC ☒ WQ	5,915cf(2-yr); 26,924cf(100-yr)	1.54
Natural Area Conservation	Infiltration/Recharge			
☐ Streamside Buffer Zone		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Wetland Buffer Zone		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Sensitive Area Buffer Zone		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Pre-Construction Drainage Pattern Intact		☐ VC ☐ RC ☐ WQ	_____	_____
Stormwater Retention	Detention/Retention			
☐ Constructed Wetlands		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Wet Ponds		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Retention Basin		☐ VC ☐ RC ☐ WQ	_____	_____
Sediment and Pollutant Removal	Water Quality Treatment			
☐ Vegetated Filter Strips		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Compost Filter Sock		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Detention Basins		☐ VC ☐ RC ☐ WQ	_____	_____
Access Road Design	Infiltration/Recharge			
☐ Road Crowning		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Ditches		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Turnouts		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Culverts		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Roadside Vegetated Filter Strips		☐ VC ☐ RC ☐ WQ	_____	_____

Stormwater Energy Dissipaters	Infiltration/Recharge			
☐ Level Spreaders		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Riprap Aprons		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Upslope Diversions		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Other_____		☐ VC ☐ RC ☐ WQ	_____	_____

d. Critical PCSM Plan stages

Identify and list critical stages of implementation of the PCSM Plan for which a licensed professional or designee shall be present on site.

1. For the final grading of the access road, ensuring it is constructed according to the plan details for proper conveyance of runoff.
2. Following final grading and seeding of the diversion channels and basin, in order to confirm they have been constructed according to the plan details for proper collection and conveyance of runoff. Periodic assessments will need to be made to ensure accumulated sediment have been cleaned out so the channels and basin maintain the necessary design volumes.
3. During the layout and excavation of the outlet control structure, the professional or delegate will ensure sizing, materials specifications, and construction procedures are followed to enable proper storage in the basin.
4. Following final grading and seeding of the infiltration berm in order to confirm they have been constructed according to the plan details for proper collection, infiltration, and conveyance of runoff. Periodic assessment will need to be made to ensure that accumulated sediment have been cleaned out so the area behind the berm maintains the necessary design volume.
5. For final inspection of constructed channels, basin and berms.
6. At the establishment of hard surface stabilization or 70% vegetation covers to allow removal of E&S controls.

NOTICE OF INTENT (NOI) FOR COVERAGE UNDER THE EROSION AND SEDIMENT CONTROL GENERAL PERMIT (ESCGP-3) FOR EARTH DISTURBANCE ASSOCIATED WITH OIL AND GAS EXPLORATION, PRODUCTION, PROCESSING, OR TREATMENT OPERATIONS OR TRANSMISSION FACILITIES

TABLES IN ADDENDUM OF NOI

SECTION H. POST CONSTRUCTION STORMWATER MANAGEMENT (PLAN) BMPs

Compressor Station 200

b. Summary Table for Supporting Calculation and Measurement Data

(See NOI Instructions for additional guidance with this section)

The remainder of this section (Summary Table for Calculation and Measurement Data) does not need to be completed for areas of projects involving oil and gas activities authorized by Chapter 78 or Chapter 78a (well pads) or pipelines and other similar utility infrastructure which will be restored to meadow in good condition or better or existing conditions.

Watershed Name: Valley Creek

Volume Control design storm frequency 2-year Rainfall amount 3.30 inches	Pre-construction	Post Construction	Net Change
Impervious area (acres)	0.25	0.40	+0.15
Volume of stormwater runoff (acre-feet) without planned stormwater BMPs	0.07	0.11	+0.04
Volume of stormwater runoff (acre-feet) with planned stormwater BMPs	[redacted]	0.07	-0.00
Stormwater discharge rate for the design frequency storm	Pre-construction	Post Construction	Net Change
1) 2-Year/24-Hour	1.03	0.15	-0.88
2) 10-Year/24-Hour	2.06	1.39	-0.67
3) 50-year/24-Hour	3.19	2.79	-0.40
4) 100-year/24-Hour	3.97	3.50	-0.47

c. Summary Description of PCSM/SR BMPs

In the lists below, check the BMPs identified in the PCSM Plan. The primary function(s) of the BMP listed in the functions column (infiltration/recharge; detention/retention; water quality). Additional functions may be added if applicable to that BMP. List the stormwater volume and area of runoff to be treated by each BMP type when calculations are required. If any BMP in the PCSM/SR Plan is not listed below, describe it in the space provided after "Other". A summary table with infiltration testing information (Attachment E, included in the NOI Instructions) must be submitted for all Bio-infiltration BMPs included in PCSM/SR plan.

For Rate control provide the volume of stormwater treated and acres treated for the 100-year/24-hour storm event.

For volume control and water quality provide the volume of stormwater treated and acres treated for the 2-year/24-hour storm event.

Key for BMP purpose(s): VC = Volume Control; RC = Rate Control; and WQ = Water Quality

BMP	Function(s)	Purpose(s)	Volume of stormwater treated	Acres treated
Site Restoration ONLY				
☐ Restore Site to Meadow in Good Condition or Better, or Existing Conditions	Infiltration/Recharge Detention/WQ Treatment	☐ VC ☐ RC ☐ WQ	_____	_____
Bio-infiltration areas	Infiltration/Recharge			
☐ Infiltration Trench		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Infiltration Bed		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Infiltration Basin		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Rain Garden/ Bioretention		☐ VC ☐ RC ☐ WQ	_____	_____
☒ Infiltration Berm		☒ VC ☒ RC ☒ WQ	3,790cf(2-yr); 11,631cf(100-yr)	0.56
Natural Area Conservation	Infiltration/Recharge			
☐ Streamside Buffer Zone		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Wetland Buffer Zone		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Sensitive Area Buffer Zone		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Pre-Construction Drainage Pattern Intact		☐ VC ☐ RC ☐ WQ	_____	_____
Stormwater Retention	Detention/Retention			
☐ Constructed Wetlands		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Wet Ponds		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Retention Basin		☐ VC ☐ RC ☐ WQ	_____	_____
Sediment and Pollutant Removal	Water Quality Treatment			
☐ Vegetated Filter Strips		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Compost Filter Sock		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Detention Basins		☐ VC ☐ RC ☐ WQ	_____	_____
Access Road Design	Infiltration/Recharge			
☐ Road Crowning		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Ditches		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Turnouts		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Culverts		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Roadside Vegetated Filter Strips		☐ VC ☐ RC ☐ WQ	_____	_____

Stormwater Energy Dissipaters ☐ Level Spreaders ☐ Riprap Aprons ☐ Upslope Diversions ☐ Other_____	Infiltration/Recharge	 ☐ VC ☐ RC ☐ WQ ☐ VC ☐ RC ☐ WQ ☐ VC ☐ RC ☐ WQ ☐ VC ☐ RC ☐ WQ	 _____ _____ _____ _____	 _____ _____ _____ _____

d. Critical PCSM Plan stages

Identify and list critical stages of implementation of the PCSM Plan for which a licensed professional or designee shall be present on site.

1. Following final grading and seeding of the infiltration berm in order to confirm it has been constructed according to the plan details for proper collection, infiltration, and conveyance of runoff. Periodic assessments will need to be made to ensure that accumulated sediment should be cleaned out so the channels and berm maintain necessary design volume.
2. For final inspection of constructed BMPs.
3. At the establishment of hard surface stabilization or 70% vegetation covers to allow removal of E & S controls.

NOTICE OF INTENT (NOI) FOR COVERAGE UNDER THE EROSION AND SEDIMENT CONTROL GENERAL PERMIT (ESCGP-3) FOR EARTH DISTURBANCE ASSOCIATED WITH OIL AND GAS EXPLORATION, PRODUCTION, PROCESSING, OR TREATMENT OPERATIONS OR TRANSMISSION FACILITIES

TABLES IN ADDENDUM OF NOI

SECTION H. POST CONSTRUCTION STORMWATER MANAGEMENT (PLAN) BMPs

Compressor Station 515

b. Summary Table for Supporting Calculation and Measurement Data

(See NOI Instructions for additional guidance with this section)

The remainder of this section (Summary Table for Calculation and Measurement Data) does not need to be completed for areas of projects involving oil and gas activities authorized by Chapter 78 or Chapter 78a (well pads) or pipelines and other similar utility infrastructure which will be restored to meadow in good condition or better or existing conditions.

Watershed Name: Bear Creek

Volume Control design storm frequency 2-year Rainfall amount 3.40 inches	Pre-construction	Post Construction	Net Change
Impervious area (acres)	0.34	2.44	+2.10
Volume of stormwater runoff (acre-feet) without planned stormwater BMPs	0.50	0.81	+0.31
Volume of stormwater runoff (acre-feet) with planned stormwater BMPs	[redacted]	0.18	-0.32
Stormwater discharge rate for the design frequency storm	Pre-construction	Post Construction	Net Change
1) 2-Year/24-Hour	5.46	1.76	-3.70
2) 10-Year/24-Hour	10.19	8.30	-1.89
3) 50-year/24-Hour	16.85	9.55	-7.30
4) 100-year/24-Hour	20.81	9.58	-11.23

c. Summary Description of PCSM/SR BMPs

In the lists below, check the BMPs identified in the PCSM Plan. The primary function(s) of the BMP listed in the functions column (infiltration/recharge; detention/retention; water quality). Additional functions may be added if applicable to that BMP. List the stormwater volume and area of runoff to be treated by each BMP type when calculations are required. If any BMP in the PCSM/SR Plan is not listed below, describe it in the space provided after "Other". A summary table with infiltration testing information (Attachment E, included in the NOI Instructions) must be submitted for all Bio-infiltration BMPs included in PCSM/SR plan.

For Rate control provide the volume of stormwater treated and acres treated for the 100-year/24-hour storm event.

For volume control and water quality provide the volume of stormwater treated and acres treated for the 2-year/24-hour storm event.

Key for BMP purpose(s): VC = Volume Control; RC = Rate Control; and WQ = Water Quality

BMP	Function(s)	Purpose(s)	Volume of stormwater treated	Acres treated
Site Restoration ONLY				
☐ Restore Site to Meadow in Good Condition or Better, or Existing Conditions	Infiltration/Recharge Detention/WQ Treatment	☐ VC ☐ RC ☐ WQ	_____	_____
Bio-infiltration areas	Infiltration/Recharge			
☐ Infiltration Trench		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Infiltration Bed		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Infiltration Basin		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Rain Garden/ Bioretention		☐ VC ☐ RC ☐ WQ	_____	_____
☒ Infiltration Berm		☒ VC ☒ RC ☒ WQ	31,799cf(2-yr); 96,268cf(100-yr)	3.83
Natural Area Conservation	Infiltration/Recharge			
☐ Streamside Buffer Zone		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Wetland Buffer Zone		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Sensitive Area Buffer Zone		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Pre-Construction Drainage Pattern Intact		☐ VC ☐ RC ☐ WQ	_____	_____
Stormwater Retention	Detention/Retention			
☐ Constructed Wetlands		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Wet Ponds		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Retention Basin		☐ VC ☐ RC ☐ WQ	_____	_____
Sediment and Pollutant Removal	Water Quality Treatment			
☐ Vegetated Filter Strips		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Compost Filter Sock		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Detention Basins		☐ VC ☐ RC ☐ WQ	_____	_____
Access Road Design	Infiltration/Recharge			
☐ Road Crowning		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Ditches		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Turnouts		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Culverts		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Roadside Vegetated Filter Strips		☐ VC ☐ RC ☐ WQ	_____	_____

Stormwater Energy Dissipaters	Infiltration/Recharge			
☐ Level Spreaders		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Riprap Aprons		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Upslope Diversions		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Other_____		☐ VC ☐ RC ☐ WQ	_____	_____

d. Critical PCSM Plan stages

Identify and list critical stages of implementation of the PCSM Plan for which a licensed professional or designee shall be present on site.

1. Following final grading and seeding of the collection channels and infiltration berm in order to confirm they have been constructed according to the plan details for proper collection, infiltration, and conveyance of runoff. Periodic assessments will need to be made to ensure that accumulated sediment should be cleaned out so the channels and berm maintain necessary design volume.
2. For final inspection of constructed BMPs.
3. At the establishment of hard surface stabilization or 70% vegetation covers to allow removal of E & S controls.

SECTION I. ANTIDEGRADATION ANALYSIS

This section must be completed where earth disturbance activities will be conducted in the watershed of a surface water with an existing or designated use of exceptional value or high quality pursuant to Chapter 93 (relating to water quality standards), projects where any part is located in an exceptional value wetland in accordance with 25 Pa. Code § 105.17, and projects where any part is located in the watershed of an impaired surface water where the cause of impairment is identified as siltation.

Part 1 - NONDISCHARGE ALTERNATIVES EVALUATION

The applicant must consider and describe any and all non-discharge alternatives for the entire project area which are environmentally sound and will**:**

- Minimize accelerated erosion and sedimentation during the earth disturbance activity
- Achieve no net change from pre-development to post-development volume, rate and concentration of pollutants in water quality

E & S Plan	PCSM/SR Plan
Check off the environmentally sound nondischarge Best Management Practices (BMPs) listed below to be used prior to, during, and after earth disturbance activities that have been incorporated into your E & S Plan based on the site analysis. For non-discharge BMPs not checked, provide an explanation of why they were not utilized. Also for BMPs checked, provide an explanation of why they were utilized. (Provide the analysis and attach additional sheets if necessary) See Section 2 of this ESCGP-3 Application	Check off the environmentally sound nondischarge Best Management Practices (BMPs) listed below to be used after construction that have been incorporated into the PCSM/SR Plan based on your site analysis. For non-discharge BMPs not checked, provide an explanation of why they were not utilized. Also for BMPs checked, provide an explanation of why they were utilized. (Provide the analysis and attach additional sheets if necessary) See Section 3 of this ESCGP-3 Application
Nondischarge BMPs ☐ Alternative Siting ☐ Alternative location ☐ Alternative configuration ☐ Alternative location of discharge ☒ Limited Disturbed Area ☐ Limiting Extent & Duration of Disturbance (Phasing, Sequencing) ☐ Riparian Buffers (150 ft. min.) ☐ Riparian Forest Buffer (150 ft. min.) ☐ Other _____	**Nondischarge BMPs** ☐ Alternative Siting ☐ Alternative location ☐ Alternative configuration ☐ Alternative location of discharge ☐ Low Impact Development (LID / BSD) ☐ Riparian Buffers (150 ft. min.) ☐ Riparian Forest Buffer (150 ft. min.) ☒ Infiltration ☐ Water Reuse ☐ Other _____
Will the non-discharge alternative BMPs eliminate the net change in rate, volume and quality during construction? ☐ Yes ☒ No If yes, antidegradation analysis is complete. If no, proceed to Part 2.	Will the non-discharge alternative BMPs eliminate the net change in rate, volume and quality after construction? ☐ Yes ☒ No If yes, antidegradation analysis is complete. If no, proceed to Part 2.

PART 2 - ANTIDEGRADATION BEST AVAILABLE COMBINATION OF TECHNOLOGIES (ABACT)

If the net change in stormwater discharge from or after construction is not fully managed by nondischarge BMPs, the applicant must utilize ABACT BMPs to manage the difference. The Applicant must specify whether the discharge will occur during construction, post-construction or both, and identify the technologies that will be used to ensure that the discharge will be a non-degrading discharge. ABACT BMPs include but are not limited to:

E & S Plan	PCSM/SR Plan
☒ **Treatment BMPs:** ☐ Sediment basin with skimmer ☐ Sediment basin ratio of 4:1 or greater (flow length to basin width) ☐ Sediment basin with 4-7 day detention ☐ Flocculants ☒ Compost Filter Socks ☒ Compost Filter Sock Sediment Basin ☒ RCE w/ Wash Rack ☒ **Land disposal:** ☐ Vegetated filters ☐ Riparian buffers <150ft. ☐ Riparian Forest Buffer <150ft. ☒ Immediate stabilization ☒ **Pollution prevention:** ☒ PPC Plans ☒ Street sweeping ☒ Channels, collectors and diversions lined with permanent vegetation, rock, geotextile or other non-erosive materials ☐ **Stormwater reuse technologies:** ☐ Sediment basin water for dust control ☐ Sediment basin water for irrigation ☐ **Other** _____	☒ **Treatment BMPs:** ☒ Infiltration Practices ☐ Wet ponds ☐ Created wetland treatment systems ☒ Vegetated swales ☐ Manufactured devices ☒ Bio-retention/infiltration ☐ Green Roofs ☐ **Land disposal:** ☐ Vegetated filters ☐ Riparian Buffers <150ft. ☐ Riparian Forest Buffer <150ft. ☐ Disconnection of roof drainage ☐ Bio-retention/bio-infiltration ☒ **Pollution prevention:** ☐ Street sweeping ☐ Nutrient, pesticide, herbicide or other chemical application plan alternatives ☒ PPC Plans ☒ Non-structural Practices ☒ Restoration BMPs ☐ **Stormwater reuse technologies:** ☐ Divert rainwater into impoundment ☐ Underground storage ☐ Spray/Drip Irrigation ☐ **Other** _____
Are the ABACT BMPs selected sufficient to minimize E&S discharges to the extent that existing or designated surface water uses are protected? ☒ Yes ☐ No If yes, Antidegradation analysis is complete. If no, NOI Application will be returned to the Applicant.	Are the ABACT BMPs selected sufficient to achieve no net change and assure that existing or designated surface water uses are protected? ☒ Yes ☐ No If yes, Antidegradation analysis is complete. If no, NOI Application will be returned to the Applicant.

SECTION J. COMPLIANCE HISTORY REVIEW

Is/was the applicant(s) in violation of any Department regulation, order, schedule of compliance or permit or in violation of any department regulated activities within the past five years?

☒ Yes ☐ No

If yes, provide the permit number or facility name, a brief description of the violation, the compliance schedule (including dates and steps to achieve compliance) and the current compliance status. (Attach additional information on a separate sheet, when necessary)

Permit Program or Activity: Chapter 102, Chapter 105, PAG-10
Permit Number (if applicable):

1. **ESG03000150001, ESG00350150001, ESG00081150001**
2. **E41-649**
3. **E-19-311, E36-947, E-38-195, E40-769,E49-336, E54-360, E58-315, E66-160, E41-667, E18-495,**
4. **PAG109632**

Brief Description of non-compliance:

Consent Assessment of Civil Penalty, Reports past due.

Steps taken to achieve compliance	Date(s) compliance achieved
1. Consent Assessment of Civil Penalty 2. Consent Assessment of Civil Penalty. Permits being obtained to complete channel restoration 3. Consent Assessment of Civil Penalty 4. All past due reports were provided to PADEP	1. 9/20/2020 2. 8/9/2020 3. 9/20/2020 4. 12/14/2017

Current Compliance Status: ☒ In-Compliance ☐ In Non-Compliance

If in non-compliance, attach schedule for achieving compliance.

SECTION K. CERTIFICATION BY PERSON PREPARING E&S AND PCSM/SR PLANS

I do hereby certify to the best of my knowledge, information, and belief, that the Erosion and Sediment Control and PCSM/Site Restoration Plans are true and correct, represent actual field conditions, and are in accordance with the 25 Pa. Code Chapters 78/78a and 102 of the Department's rules and regulations. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment.

Print Name Kevin C. Clark	Signature	Professional Seal
Company BAI Group, LLC		
Address 2525 Green Tech Drive, Suite D, State College, PA-16803		
Phone (814) 238-2060		
Most Recent DEP Training Attended _____	Location _____ Date _____	
e-Mail Address kclark@baigroupllc.com		

EXPEDITED REVIEW PROCESS

In addition to the certification required above, applicants using the expedited permit review process must attach an E&S and PCSM/Site Restoration Plans developed and sealed by a licensed professional engineer, surveyor or professional geologist. The plans shall contain the following certification:

*I do hereby certify to the best of my knowledge, information, and belief, that the E & S Control and PCSM/SR BMPs are true and correct, represent actual field conditions and are in accordance with the 25 Pa. Code Chapters 78 / 78a and 102 of the Department's rules and regulations. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment***.**

SECTION L. APPLICANT CERTIFICATION

Applicant Certification

I certify under penalty of law, as provided by 18 Pa. C.S.A. § 4904, that this application and all related attachments were prepared by me or under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my own knowledge and on inquiry of the person or persons who manage the system or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate and complete. The responsible official's signature also verifies that the activity is eligible to participate in the ESCGP, and that the applicant agrees to abide by the terms and conditions of the permit. BMP's, E&S Plan, PPC Plan, PCSM Plan, and other controls are being or will be, implemented to ensure that water quality standards and effluent limits are attained.

I grant permission to the agencies responsible for the permitting of this work, or their duly authorized representative to enter the project site for inspection purposes. I will abide by the conditions of the permit if issued and will not begin work prior to permit issuance.

(For individuals no indication of title is necessary, choose the box below. All others proceed to the next paragraph)

☐ **Individual; proceed to signature portion.**

I hereby certify under penalty of law, as provided by 18 Pa. C.S.A. § 4904, that I am the person who is responsible for decision-making regarding environmental compliance functions for Transcontinental Gas Pipeline Company, LLC, the manager of one or more manufacturing, production, or operating facilities of the applicant and am authorized to make management decisions which govern the operation of regulated facility including having explicit or implicit duty of making major capital investment recommendations, and initiating and directing other comprehensive measures to assure the applicant's long term environmental compliance with environmental laws and regulations; and I am responsible for ensuring that the necessary systems are established or actions taken to gather complete and accurate information for permit application requirements.

(choose one of the following; not applicable for individuals):

☐ The responsible corporate officer ☐ president ☐ vice president ☐ secretary
☐ treasure of _____ Corporation/Company
Entity name

☒ The ☐ member or ☒ manager of Transcontinental Gas Pipe Line Company, LLC
Entity name

☐ The general partner of _____ partnership/LP/LLP
Entity name

☐ The principal executive officer or ranking elected official of _____ Municipality/State/Federal/other public agency
Entity name

☐ Power of Attorney/delegation of contractual authority (documentation supporting delegation of contracting authority must be provided) for _____
Entity name

_____	_____
Print Name and Title of Applicant	Print Name and Title of Co-Applicant (if applicable)
_____	_____
Signature of Applicant	Signature of Co-Applicant
_____	_____
Date Application Signed	Date Application Signed

Notarization

Sworn to and subscribed to before me this

_____ day of _____, 20_____

_____
Notary Public

AFFIX SEAL

Commonwealth of Pennsylvania

County of _____

My Commission expires _____

SECTION M. ADDITIONAL CONTACT INFORMATION				
Contact's Last Name	First Name	MI	Phone (814) 689-1650	
Nelson	Ryan	J	FAX	
Mailing Address	City		State	ZIP + 4
2525 Green Tech Drive, Suite B	State College		PA	16803
e-Mail Address ryann@whmgroup.com				

Section 1-1.1 NOI Supporting Information

Project Component	Site	Site Location City	ZIP Code	County	Municipality	Total Project Area/Project Site (Acre)	Total Disturbed Area (Acre)	Latitude / Longitude	U.S.G.S. 7.5 min. Topographic Quadrangle	Receiving Waters	Chapter 93, Designated Use Stream Classification	Chapter 93, Existing Use Stream Classification	Siltation Impaired
Regional Energy Lateral	Pipeline			Luzerne	Buck, Bear Creek, Plains, Jenkins, Kingston, Dallas, Wyoming, West Wyoming, Laflin	952.63	420.67 (includes CS 515 and sites below)	41.173337, -75.671706 (eastern terminus) 41.346917, -75.946263 (western terminus)	Kingston, Pittston, Avoca, Wilkes-Barre East, Pleasant View Summit	Stony Run, Shades Creek, Little Shades Creek, Snider Run, Meadow Run, Bear Creek, Little Bear Creek, Mill Creek, Gardner Creek, Susquehanna River, Abrahams Creek, Toby Creek, Trout Brook	MF, HQ-CWF, WWF, CWF	-	No
	CY-LU-001	Wyoming	18644	Luzerne	Wyoming		16.3 (Included within above total)	41.31016, -75.84636		Abrahams Creek	CWF, MF	-	No
	CY-LU-002	Wilkes-Barre	18702	Luzerne	Laflin		11.4 (Included within above total)	41.28491, -75.79026		Gardner Creek	CWF, MF	-	No
	MLV-515RA20	Wilkes-Barre	18702	Luzerne	Bear Creek Township		0.46 (Included within above total)	41.25279, -75.75856		Mill Creek	CWF, MF	-	No
	MLV-515RA30	Wyoming	18644	Luzerne	Wyoming Borough		0.44 (Included within above total)	41.30411, -75.84662		Susquehanna River	WWF		No
	Carverton Tie-in	Wyoming	18644	Luzerne	West Wyoming Borough		3.9 (Included within above total)	41.32053, -75.87270		Abrahams Creek	CWF, MF		No
	Lower Demunds REL Tie-in	Dallas	18612	Luzerne	Dallas Township		1.7 (Included within above total)	41.34652, -75.94551		Trout Brook	CWF, MF		No
	Hildebrandt Tie-in/MLV-515RA40	Dallas	18612	Luzerne	Dallas Township		3.1 (Included within above total)	41.34692, -75.94629		Toby Creek, Trout Brook	CWF, MF		No
	Laflin Borough Stream Stabilization	Wilkes-Barre	18702	Luzerne	Laflin Borough		0.94 (Included within above total)	41.28925, -75.80209		Gardner Creek	CWF, MF	-	No
Effort Loop	Pipeline			Monroe	Ross, Chestnuthill, Tunkhannock	360.63	262.18	40.896796, -75.370606 (Southeast Terminus) 41.053413, -75.526178 (Northwest Terminus)	Blakeslee, Pocono Pines, Brodheadsville, Saylorsburg	Lake Creek, Princess Run, Weir Creek, McMichael Creek, Pohopoco Creek, Sugar Hollow Creek, Poplar Creek, Mud Run, Mud Pond Run, Tunkhannock Creek	EV, MF, HQ-CWF, CWF	EV, MF	No

Project Component	Site	Site Location City	ZIP Code	County	Municipality	Total Project Area/Project Site (Acre)	Total Disturbed Area (Acre)	Latitude / Longitude	U.S.G.S. 7.5 min. Topographic Quadrangle	Receiving Waters	Chapter 93, Designated Use Stream Classification	Chapter 93, Existing Use Stream Classification	Siltation Impaired
	MLV-505LD86 Sugar Hollow Valve Yard	Effort	18330	Monroe	Chestnut Hill Township		8.8 (Included within above total)	40.96775, -75.42980		Sugar Hollow Creek	CWF, MF	-	No
	CY-MO-001	Saylorsburg	18353	Monroe	Ross Township		50.1 (Included within above total)	40.89803, -75.36784		Lake Creek, Princess Run	HQ-CWF, MF, CWF	-	No
Delaware River Regulator		Easton	18040	Northampton	Lower Mt. Bethel	11.28	3.25	40.76220 -75.19653	Bangor, PA	Mud Run	CWF, MF	-	No
Mainline "A" Regulator		Washington Crossing	18977	Bucks	Lower Makefield	0.94	0.530	40.26807, -74.85712	Pennington, NJ-PA	Dyers Creek, Delaware River	MF, WWF	-	No
Compressor Station 200		Frazer	19335	Chester	East Whiteland	20.28	3.16	40.04998, -75.58589	Malvern, PA	Valley Creek	EV, MF, CWF	-	Yes
Compressor Station 515		White Haven	18661	Luzerne	Buck	952.63 (Included with Regional Energy Lateral)	24.83 (included with Regional Energy Lateral)	41.17380, -75.67118	Pleasant View Summit, PA	Shades Creek, Stony Run	HQ-CWF, MF	-	No

COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
BUREAU OF CLEAN WATER

MUNICIPAL NOTIFICATION OF PLANNED LAND DEVELOPMENT FOR CHAPTER 102 PERMITS

PROJECT INFORMATION (COMPLETED BY APPLICANT)

Applicant Name:	**Transcontinental Gas Pipe Line Company, a subsidiary of Williams Partners, L.P.**	Contact Name:	**Joseph Dean** **Manager-Permitting**
Applicant Address:	**2800 Post Oak Blvd, Level 11**	Contact Phone:	**(713) 215-3427**
Applicant City, State, ZIP:	**Houston, TX 77056**	County:	**Luzerne**
		Municipality:	**Wyoming**
		Project Area:	**69.60** acres ☐ Phased
		Disturbance:	**32.12** acres

Description of Proposed Land Development and Stormwater Controls:

The Regional Energy Lateral component of the Regional Energy Access Expansion Project will consist of approximately 22.3 miles of 30-inch diameter pipeline, partially co-located with existing Transco Leidy Line-A, in Buck, Bear Creek, Plains, Jenkins, Kingston and Dallas Townships, and Laflin, Wyoming, and West Wyoming Boroughs, Luzerne County, Pennsylvania. The Regional Energy Lateral begins at existing Compressor Station 515 in Buck Township and continues westward to its terminus at Transco's existing Hildebrandt Tie-in in Dallas Township. Transco will be installing four mainline valves with appurtenant equipment, as a means to isolate gas flows along the Regional Energy Lateral. The mainline valve sites at each pipeline terminus (MLV515RA10 at Compressor Station 515 and MLV515RA40 at the Hildebrandt Tie-in) will also have pig traps (industry term for manifolds that launch or receive in-line inspection tools). The other two valve sites are proposed along the pipeline route (MLV515RA20 at Milepost 7.5 and MLV515RA30 at Milepost 14.8). Modifications at three existing pipeline interconnects are proposed to tie-in the proposed pipeline to the existing facilities. The Carverton Tie-In is located at Milepost 16.8. The Lower Demunds Tie-In is located at Milepost 22.3 and also includes a +/- 400-ft segment of 20-in pipeline and conduit to connect to the existing facility. The Hildebrandt Tie-In is located at the Regional Energy Lateral pipeline terminus and includes MLV515RA40. Two contractor yards are proposed for the Project and are located adjacent to the pipeline. CY-LU-001 is located at Milepost 15.3 and CY-LU-002 is located at Milepost 10.5. Cathodic protection equipment will be installed along the pipeline route. Deep anode ground beds are proposed at Mileposts 7.5 and 19.8, and one remote anode ground bed is proposed at Milepost 15.3. E&S and PCSM BMP's are proposed within Wyoming Borough, with PCSM BMP's proposed at the MLV515RA30 valve site.

Tax Parcel ID(s) Affected by Proposed Land Development:

See attached table

Surface Waters Receiving Stormwater Discharges:

Abrahams Creek, Susquehanna River

Discharge to: ☐ MS4 ☐ Other SS ☐ CSS

The following information was submitted to the municipality for this project:

☐ Land Development / Subdivision Plan ☒ E&S Plan ☒ PCSM Plan ☐ Other:

***On March 31, 2021 Transco submitted to you its E&S and PCSM Plans (Plans) as part of the ESCGP-3 permit application notification. Transco provided an update in July 2021 indicating the Erosion and Sediment Control Permit for Discharges of Stormwater Associated with Construction Activities Application was submitted to the PA Dept. of Environmental Protection to replace the ESCGP-3 application. Transco has updated the application in response to the PADEP Technical Deficiencies and is providing the updated materials. Updated drawings, location maps, GIF form and Parcel ID tables are included.**

MUNICIPAL PLAN / ORDINANCE INFORMATION (COMPLETED BY MUNICIPALITY)		
1. Is there an adopted municipal or multi-municipal comprehensive plan?	☐ Yes	☐ No
2. Is there an enacted municipal or multi-municipal zoning ordinance?	☐ Yes	☐ No
3. If Yes to #2, is the proposed project consistent with the ordinance?	☐ Yes	☐ No
4. Is there a municipal stormwater management ordinance?	☐ Yes	☐ No
5. If Yes to #4, is the proposed project consistent with the ordinance, without waiver?	☐ Yes	☐ No

6. If Yes to #4, indicate type of ordinance: ☐ Act 167 Model Ordinance ☐ DEP Model Ordinance (MS4s) ☐ Other

APPLICANT CERTIFICATION	MUNICIPAL ACKNOWLEDGEMENT
I certify under penalty of law (see 18 Pa.C.S. § 4904 (relating to unsworn falsification)) that the information reported herein was prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the information, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.	The municipality acknowledges that a permit application for the above-referenced project has been submitted to a reviewing agency and that notification requirements of Act 14 of 1984 and Acts 67, 68, and 127 of 2000 have been satisfied. The information reported herein by the municipality is true and accurate. The municipality reserves the right to comment to the reviewing agency relative to comprehensive plans, zoning, and stormwater ordinance consistency. Municipal acknowledgment of receipt of notification shall not be construed as project approval.

Joseph Dean

Applicant Name

Applicant Signature

Manager - Permitting

Applicant Title

04/06/2022

Date of Signature

Municipal Representative Name

Municipal Representative Signature

Municipal Representative Title

Date of Signature

Proof of Delivery

Dear Customer,

This notice serves as proof of delivery for the shipment listed below.

Tracking Number
1Z8797VV0393411311

Weight
4.00 LBS

Service

UPS Ground

Shipped / Billed On
04/06/2022

Delivered On

04/07/2022 1:18 P.M.

Delivered To
WYOMING, PA, US

Received By

TREAGAN

Left At
Front Desk

Thank you for giving us this opportunity to serve you. Details are only available for shipments delivered within the last 120 days. Please print for your records if you require this information after 120 days.

Sincerely,

UPS

Tracking results provided by UPS: 04/11/2022 11:09 A.M. EST

Transcontinental Gas Pipe Line Company, LLC

Section 1-11 – General Information Form

Regional Energy Access Expansion Project

April 2021
(Added July 2021)
(Revised March 2022)

pennsylvania
DEPARTMENT OF ENVIRONMENTAL PROTECTION

COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION

GENERAL INFORMATION FORM – AUTHORIZATION APPLICATION

Before completing this General Information Form (GIF), read the step-by-step instructions provided in this application package. This form is used by the Department of Environmental Protection (DEP) to inform our programs regarding what other DEP permits or authorizations may be needed for the proposed project or activity. This version of the General Information Form (GIF) must be completed and returned with any program-specific application being submitted to the DEP.

Related ID#s (If Known)				DEP USE ONLY
Client ID#		**APS ID#**		Date Received & General Notes
Site ID#		**Auth ID#**		
Facility ID#				

CLIENT INFORMATION

DEP Client ID#	Client Type / Code	Dun & Bradstreet ID#
163321	LLC	

Legal Organization Name or Registered Fictitious Name	Employer ID# (EIN)	Is the EIN a SSN?
Transcontinental Gas Pipe Line Company, LLC	74-1079400	☐ Yes ☒ NO

State of Incorporation or Registration of Fictious Name

☐ Corporation ☒ LLC ☐ Partnership ☐ LLP ☐ LP
☐ Sole Proprietorship ☐ Association/Organization
☐ Estate/Trust ☐ Other

Individual Last Name	First Name	MI	Suffix

Additional Individual Last Name	First Name	MI	Suffix

Mailing Address Line 1	Mailing Address Line 2
2800 Post Oak Blvd, Level 11	

Address Last Line – City	State	ZIP+4	Country
Houston	TX	77056	United States

Client Contact Last Name	First Name	MI	Suffix
Dean	Joseph		

Client Contact Title	Phone	Ext	Cell Phone
Manager, Permitting	(713) 215-3427		

Email Address	FAX
Joseph.Dean@Williams.com	

SITE INFORMATION

DEP Site ID#	Site Name
	Regional Energy Access Expansion Project

EPA ID# **Estimated Number of Employees to be Present at Site**

Description of Site
The Project is an expansion of an existing natural gas transmission system consisting of pipelines, modification of three existing compressor stations and additional existing ancillary facilities.

Tax Parcel ID(s):

County Name(s)	Municipality(ies)	City	Boro	Twp	State
Luzerne	Buck, Bear Creek, Plains, Jenkins, Kingston, Dallas, Wyoming, West Wyoming, Laflin	☐	☒	☒	PA
Monroe	Ross, Chestnuthill, Tunkhannock	☐	☐	☒	PA
Northampton	Lower Mt. Bethel	☐	☐	☒	PA
Bucks	Lower Makefield	☐	☐	☒	PA
Chester	East Whiteland	☐	☐	☒	PA
		☐	☐	☒	PA
		☐	☒	☐	PA

Site Location Line 1	Site Location Line 2
See Section 1.1 - GIF Supporting Information	

Site Location Last Line – City	State	ZIP+4

Detailed Written Directions to Site
See Secton 1.1 - GIF Supporting Information for locations of all project sites.

Site Contact Last Name	First Name	MI	Suffix
Henry	Josh		

Site Contact Title	Site Contact Firm
Environmental Specialist	Transcontinental Gas Pipe Line Company, LLC.

Mailing Address Line 1	Mailing Address Line 2
2000 Commerce Drive, Park Place 2	

Mailing Address Last Line – City	State	ZIP+4
Pittsburgh	PA	15275

Phone	Ext	FAX	Email Address
(412) 787- 4277			Josh.Henry@Williams.com

NAICS Codes (Two- & Three-Digit Codes – List All That Apply) **6-Digit Code** (Optional)
221

Client to Site Relationship
OWNOP

FACILITY INFORMATION

Modification of Existing Facility	Yes	No
1. **Will this project modify an existing facility, system, or activity?**	☒	☐
2. **Will this project involve an addition to an existing facility, system, or activity?**	☒	☐

If "Yes", check all relevant facility types and provide DEP facility identification numbers below.

	Facility Type	DEP Fac ID#		Facility Type	DEP Fac ID#
☐	Air Emission Plant		☐	Industrial Minerals Mining Operation	
☐	Beneficial Use (water)		☐	Laboratory Location	
☐	Blasting Operation		☐	Land Recycling Cleanup Location	
☐	Captive Hazardous Waste Operation		☐	Mine Drainage Treatment / Land Recycling Project Location	
☐	Coal Ash Beneficial Use Operation		☐	Municipal Waste Operation	
☐	Coal Mining Operation		☐	Oil & Gas Encroachment Location	
☐	Coal Pillar Location		☐	Oil & Gas Location	
☐	Commercial Hazardous Waste Operation		☐	Oil & Gas Water Poll Control Facility	
☐	Dam Location		☐	Public Water Supply System	
☐	Deep Mine Safety Operation -Anthracite		☐	Radiation Facility	
☐	Deep Mine Safety Operation -Bituminous		☐	Residual Waste Operation	
☐	Deep Mine Safety Operation -Ind Minerals		☐	Storage Tank Location	
☐	Encroachment Location (water, wetland)		☐	Water Pollution Control Facility	
☐	Erosion & Sediment Control Facility		☐	Water Resource	
☐	Explosive Storage Location		☒	Other: Natural Gas Transmission	

Latitude/Longitude Point of Origin	Latitude Degrees	Latitude Minutes	Latitude Seconds	Longitude Degrees	Longitude Minutes	Longitude Seconds
See Section 1.1 - GIF Supporting Information						

Horizontal Accuracy Measure	Feet	*--or--*	Meters
Horizontal Reference Datum Code	☐ North American Datum of 1927 ☒ North American Datum of 1983 ☐ World Geodetic System of 1984		
Horizontal Collection Method Code	GISDR		
Reference Point Code	CNTAR		
Altitude	Feet	*--or--*	Meters
Altitude Datum Name	☐ The National Geodetic Vertical Datum of 1929 ☒ The North American Vertical Datum of 1988 (NAVD88)		
Altitude (Vertical) Location Datum Collection Method Code	TOPO		

Geometric Type Code	POINT				
Data Collection Date	2020				
Source Map Scale Number	1	Inch(es)	=	2,000	Feet
--or--		Centimeter(s)	=		Meters

PROJECT INFORMATION

Project Name
Regional Energy Access Expansion Project

Project Description
The Project is an expansion of Transco's existing natural gas transmission system that will enable Transco to provide an incremental 829,400 dekatherms per day (Dth/d) of year-round firm transportation capacity from the Marcellus Shale production area in northeastern Pennsylvania (PA) to multiple delivery points along Transco's Leidy Line in PA, Transco's mainline at the Station 210 Zone 6 Pooling Point in Mercer County, New Jersey (NJ) and multiple delivery points in Transco's Zone 6 in NJ, PA, and Maryland (MD). The Project will consist of the following components:

• Approximately 22.2 miles of 30-inch-diameter pipeline partially collocated with Transco's Leidy Line A from milepost (MP) 0.00 to MP 22.32 in Luzerne County, PA (Regional Energy Lateral);

• Approximately 13.8 miles of 42-inch-diameter pipeline collocated with Transco's Leidy Line System from MP 43.72 to MP 57.50 in Monroe County, PA (Effort Loop);

• New electric motor-driven compressor station identified as Compressor Station 201 with 9,000 nominal horsepower (HP) in Gloucester County, NJ;

• Addition of two gas-fired turbine driven compressor units with 31,800 nominal HP at ISO conditions at existing Compressor Station 505 in Somerset County, NJ, to accommodate the abandonment and replacement of approximately 16,000 HP from eight existing internal combustion engine-driven compressor units and increase the certificated station compression by 15,800 HP;

• Addition of two gas-fired turbine driven compressor units with 63,742 nominal HP at ISO conditions and modification of three existing compressors at existing Compressor Station 515 in Luzerne County, PA to support the Project and to accommodate the abandonment and replacement of approximately 17,000 HP from five existing gas-fired reciprocating engine driven compressors and increase the certificated station compression by 46,742 HP;

• Uprate and rewheel two existing electric motor-driven compressor units at existing Compressor Station 195 in York County, PA to increase the certificated station compression by 6,000 HP and accommodate the abandonment of two existing gas-fired reciprocating engine driven compressors, which total approximately 8,000 HP;

• Modifications at existing Compressor Station 200 in Chester County, PA;

• Uprate one existing electric motor-driven compressor unit at Compressor Station 207 in Middlesex County, NJ to increase the certificated station compression by 4,100 HP;

• Modifications to three (3) existing pipeline tie-ins in PA (Hildebrandt Tie-in, Lower Demunds REL Tie-in, and Carverton Tie-in);

• Addition of regulation controls at an existing valve setting on Transco's Mainline "A" in Bucks County, PA (Mainline A Regulator);

• Modifications at the existing Delaware River Regulator in Northampton County, PA;

• Modifications at the existing Centerville Regulator in Somerset County, NJ;

• Modifications to the existing valves and piping at the Princeton Junction (Station 210 Pooling Point) in Mercer County, NJ;

• Modifications to three (3) existing delivery meter stations in NJ (Camden M&R Station, Lawnside M&R Station, and Mt. Laurel M&R Station);

• Modifications to one (1) existing delivery meter station in MD (Beaver Dam M&R Station);

• Contractual changes (no modifications) at ten (10) existing delivery meter stations in PA and NJ (Algonquin-Centerville Meter Station, Post Road Meter Station, New Village Meter Station, Spruce Run Meter Station, Marcus Hook Meter Station, Ivyland Meter Station, Repaupo Meter Station, Morgan Meter Station, Lower Mud Run Meter Station, and Chesterfield Meter Station);

• Additional ancillary facilities, such as mainline valves (MLVs), cathodic protection, communication facilities, and internal inspection device (e.g., pig) launchers and receivers in PA; and

• Existing, improved, and new access roads and contractor yards/staging areas in PA, NJ, and MD.

In an ongoing effort to reduce its air emissions footprint, Transco is assessing the replacement of vintage gas-fired reciprocating engine driven compressors with more efficient state-of-the-art gas-fired turbine driven compressors. The proposed compression abandonment and replacement scopes at Transco's existing Compressor Station 505 and Compressor Station 515 are part of this effort and have been adopted into the Project scope. Additionally, the uprate and optimization of existing electric motor-driven compression to accommodate abandonment of gas-fired reciprocating engine driven compression at Compressor Station 195 has also been adopted into the Project scope.

The Algonquin-Centerville, Post Road, New Village, Spruce Run, Marcus Hook, Ivyland, Repaupo, Morgan, Lower Mud Run, and Chesterfield Meter Stations can accommodate the contractual changes proposed as part of this Project; therefore, no modifications are proposed at these facilities

Project Consultant Last Name	**First Name**	**MI**	**Suffix**
Nelson	Ryan		

Project Consultant Title	**Consulting Firm**
Senior Project Manager	WHM Consulting, LLC

Mailing Address Line 1	**Mailing Address Line 2**
2525 Green Tech Drive; Suite B	

Address Last Line – City	**State**	**ZIP+4**
State College	PA	16803

Phone	**Ext**	**FAX**	**Email Address**
(814) 689-1650	102		ryann@whmgroup.com

Time Schedules	**Project Milestone (Optional)**
March 2021	Submit 401 WQC
April 2021	Submit Chapter 102 / 105 Permits
2nd Quarter of 2023	Commence Construction
4th Quarter 2024	In-service Date

1. Is the project located in or within a 0.5-mile radius of an Environmental Justice community as defined by DEP? ☒ Yes ☐ No

To determine if the project is located in or within a 0.5-mile radius of an environmental justice community, please use the online Environmental Justice Areas Viewer.

2. Have you informed the surrounding community prior to submitting the application to the Department? ☒ Yes ☐ No

Method of notification:

1) Open house schedule mailed to affected parties;

2) Newspaper advertisements of open houses placed in newspapers of general circulation in the Project area;

3) Open houses (a mixture of virtual and in-person) held in the county of each major project scope item;
4) Newspaper advertisements prior to commencement of construction, which will be placed in those same publications;
5) Notification to businesses potentially affected by construction;
6) Designation of a point of contact for stakeholder communication;
7) A Project toll free telephone number for public inquiries; and
•8) A Project website with periodic updates of relevant information.

3. Have you addressed community concerns that were identified? ☒ Yes ☐ No ☐ N/A

If no, please briefly describe the community concerns that have been expressed and not addressed.

4. Is your project funded by state or federal grants? ☐ Yes ☒ No

Note: If "Yes", specify what aspect of the project is related to the grant and provide the grant source, contact person and grant expiration date.

Aspect of Project Related to Grant
Grant Source: _____
Grant Contact Person: _____
Grant Expiration Date: _____

5. Is this application for an authorization on Appendix A of the Land Use Policy? (For referenced list, see Appendix A of the Land Use Policy attached to GIF instructions) ☒ Yes ☐ No

Note: If "No" to Question 5, the application is not subject to the Land Use Policy.
If "Yes" to Question 5, the application is subject to this policy and the Applicant should answer the additional questions in the **Land Use Information** section.

LAND USE INFORMATION

Note: Applicants should submit copies of local land use approvals or other evidence of compliance with local comprehensive plans and zoning ordinances.

1.	**Is there an adopted county or multi-county comprehensive plan?**	☒	Yes	☐	No
2.	**Is there a county stormwater management plan?**	☒	Yes	☐	No
3.	**Is there an adopted municipal or multi-municipal comprehensive plan?**	☒	Yes	☐	No
4.	**Is there an adopted county-wide zoning ordinance, municipal zoning ordinance or joint municipal zoning ordinance?**	☒	Yes	☐	No
5.	**Does the proposed project meet the provisions of the zoning ordinance or does the proposed project have zoning approval?** If zoning approval has been received, attach documentation.	☒	Yes	☐	No
6.	**Have you attached Municipal and County Land Use Letters for the project?**	☐	Yes	☒	No

Note: If the Applicant answers "No" to either Questions 1, 3 or 4, the provisions of the PA MPC are not applicable and the Applicant does not need to respond to questions 5 and 6 below.
If the Applicant answers "Yes" to questions 1, 3 and 4, the Applicant should respond to questions 5 and 6 below.

* This Project is regulated by the Federal Energy Regulatory Commission (FERC) under the Natural Gas Act. FERC has exclusive jurisdiction over siting of the Project, therefore, local zoning is preempted.

COORDINATION INFORMATION

Note: The PA Historical and Museum Commission must be notified of proposed projects in accordance with DEP Technical Guidance Document 012-0700-001 utilizing the Project Review Form.

If the activity will be a mining project (i.e., mining of coal or industrial minerals, coal refuse disposal and/or the operation of a coal or industrial minerals preparation/processing facility), respond to questions 1.0 through 2.5 below.

If the activity will not be a mining project, skip questions 1.0 through 2.5 and begin with question 3.0.

1.0	**Is this a coal mining project?** If "Yes", respond to 1.1-1.6. If "No", skip to Question 2.0.	☐	Yes	☒	No
1.1	**Will this coal mining project involve coal preparation/ processing activities in which the total amount of coal prepared/processed will be equal to or greater than 200 tons/day?**	☐	Yes	☐	No
1.2	**Will this coal mining project involve coal preparation/ processing activities in which the total amount of coal prepared/processed will be greater than 50,000 tons/year?**	☐	Yes	☐	No
1.3	**Will this coal mining project involve coal preparation/ processing activities in which thermal coal dryers or pneumatic coal cleaners will be used?**	☐	Yes	☐	No
1.4	**For this coal mining project, will sewage treatment facilities be constructed and treated waste water discharged to surface waters?**	☐	Yes	☐	No
1.5	**Will this coal mining project involve the construction of a permanent impoundment meeting one or more of the following criteria: (1) a contributory drainage area exceeding 100 acres; (2) a depth of water measured by the upstream toe of the dam at maximum storage elevation exceeding 15 feet; (3) an impounding capacity at maximum storage elevation exceeding 50 acre-feet?**	☐	Yes	☐	No
1.6	**Will this coal mining project involve underground coal mining to be conducted within 500 feet of an oil or gas well?**	☐	Yes	☐	No
2.0	**Is this a non-coal (industrial minerals) mining project?** If "Yes", respond to 2.1-2.6. If "No", skip to Question 3.0.	☐	Yes	☒	No
2.1	**Will this non-coal (industrial minerals) mining project involve the crushing and screening of non-coal minerals other than sand and gravel?**	☐	Yes	☐	No
2.2	**Will this non-coal (industrial minerals) mining project involve the crushing and/or screening of sand and gravel with the exception of wet sand and gravel operations (screening only) and dry sand and gravel operations with a capacity of less than 150 tons/hour of unconsolidated materials?**	☐	Yes	☐	No
2.3	**Will this non-coal (industrial minerals) mining project involve the construction, operation and/or modification of a portable non-metallic (i.e., non-coal) minerals processing plant under the authority of the General Permit for Portable Non-metallic Mineral Processing Plants (i.e., BAQ-PGPA/GP-3)?**	☐	Yes	☐	No
2.4	**For this non-coal (industrial minerals) mining project, will sewage treatment facilities be constructed and treated waste water discharged to surface waters?**	☐	Yes	☐	No
2.5	**Will this non-coal (industrial minerals) mining project involve the construction of a permanent impoundment meeting one or more of the following criteria: (1) a contributory drainage area exceeding 100 acres; (2) a depth of water measured by the upstream toe of the dam at maximum storage elevation exceeding 15 feet; (3) an impounding capacity at maximum storage elevation exceeding 50 acre-feet?**	☐	Yes	☐	No

3.0	**Will your project, activity, or authorization have anything to do with a well related to oil or gas production, have construction within 200 feet of, affect an oil or gas well, involve the waste from such a well, or string power lines above an oil or gas well?** If "Yes", respond to 3.1-3.3. If "No", skip to Question 4.0.	☐	Yes	☒	No
3.1	**Does the oil- or gas-related project involve any of the following: placement of fill, excavation within or placement of a structure, located in, along, across or projecting into a watercourse, floodway or body of water (including wetlands)?**	☐	Yes	☐	No
3.2	**Will the oil- or gas-related project involve discharge of industrial wastewater or stormwater to a dry swale, surface water, ground water or an existing sanitary sewer system or storm water system?** If "Yes", discuss in *Project Description*.	☐	Yes	☐	No
3.3	**Will the oil- or gas-related project involve the construction and operation of industrial waste treatment facilities?**	☐	Yes	☐	No
4.0	**Will the project involve a construction activity that results in earth disturbance?** If "Yes", specify the total disturbed acreage.	☒	Yes	☐	No
	4.0.1 Total Disturbed Acreage + / - 672				
	4.0.2 Will the project discharge or drain to a special protection water (EV or HQ) or an EV wetland?	☒	Yes	☐	No
	4.0.3 Will the project involve a construction activity that results in earth disturbance in the area of the earth disturbance that are contaminated at levels exceeding residential or non-residential medium-specific concentrations (MSCs) in 25 Pa. Code Chapter 250 at residential or non-residential construction sites, respectively?	☐	Yes	☒	No
5.0	**Does the project involve any of the following: water obstruction and/or encroachment, wetland impacts, or floodplain project by the Commonwealth/political subdivision or public utility?** If "Yes", respond to 5.1-5.7. If "No", skip to Question 6.0.	☒	Yes	☐	No
5.1	**Water Obstruction and Encroachment Projects – Does the project involve any of the following: placement of fill, excavation within or placement of a structure, located in, along, across or projecting into a watercourse, floodway or body of water?**	☒	Yes	☐	No
5.2	**Wetland Impacts – Does the project involve any of the following: placement of fill, excavation within or placement of a structure, located in, along, across or projecting into a wetland?**	☒	Yes	☐	No
5.3	**Floodplain Projects by the Commonwealth, a Political Subdivision of the Commonwealth or a Public Utility – Does the project involve any of the following: placement of fill, excavation within or placement of a structure, located in, along, across or projecting into a floodplain?**	☐	Yes	☒	No
5.4	**Is your project an interstate transmission natural gas pipeline?**	☒	Yes	☐	No
5.5	**Does your project consist of linear construction activities which result in earth disturbance in two or more DEP regions AND three or more counties?**	☒	Yes	☐	No
5.6	**Does your project utilize Floodplain Restoration as a best management practice for Post Construction Stormwater Management?**	☐	Yes	☒	No
5.7	**Does your project utilize Class V Gravity / Injection Wells as a best management practice for Post Construction Stormwater Management?**	☐	Yes	☒	No
6.0	**Will the project involve discharge of construction related stormwater to a dry swale, surface water, ground water or separate storm water system?**	☒	Yes	☐	No

6.1	**Will the project involve discharge of industrial waste stormwater or wastewater from an industrial activity or sewage to a dry swale, surface water, ground water or an existing sanitary sewer system or separate storm water system?**	☒	Yes	☐	No
7.0	**Will the project involve the construction and operation of industrial waste treatment facilities?**	☐	Yes	☒	No
8.0	**Will the project involve construction of sewage treatment facilities, sanitary sewers, or sewage pumping stations?** If "Yes", indicate estimated proposed flow (gal/day). Also, discuss the sanitary sewer pipe sizes and the number of pumping stations/treatment facilities/name of downstream sewage facilities in the *Project Description*, where applicable.	☐	Yes	☒	No
	8.0.1 Estimated Proposed Flow (gal/day)				
9.0	**Will the project involve the subdivision of land, or the generation of 800 gpd or more of sewage on an existing parcel of land or the generation of an additional 400 gpd of sewage on an already-developed parcel, or the generation of 800 gpd or more of industrial wastewater that would be discharged to an existing sanitary sewer system?**	☐	Yes	☒	No
	9.0.1 Was Act 537 sewage facilities planning submitted and approved by DEP? If "Yes" attach the approval letter. Approval required prior to 105/NPDES approval.	☐	Yes	☐	No
10.0	**Is this project for the beneficial use of biosolids for land application within Pennsylvania?** If "Yes" indicate how much (i.e. gallons or dry tons per year).	☐	Yes	☒	No
	10.0.1 Gallons Per Year (residential septage)				
	10.0.2 Dry Tons Per Year (biosolids)				
11.0	**Does the project involve construction, modification or removal of a dam?** If "Yes", identify the dam.	☐	Yes	☒	No
	11.0.1 Dam Name				
12.0	**Will the project interfere with the flow from, or otherwise impact, a dam?** If "Yes", identify the dam.	☐	Yes	☒	No
	12.0.1 Dam Name				
13.0	**Will the project involve operations (excluding during the construction period) that produce air emissions (i.e., NOX, VOC, etc.)?**	☒	Yes	☐	No
	13.0.1 If "Yes", is the operation subject to the agricultural exemption in 35 P.S. § 4004.1?	☐	Yes	☒	No

13.0.2 If the answer to 13.0.1 is "No", identify each type of emission followed by the estimated amount of that emission.

Enter all types & amounts of emissions; separate each set with semicolons.

Summary of Compressor Station 515 Estimated Net Operational Potential to Emit (PTE): NOx - 196.8; CO - 314.40; VOC - 50.6; SO2 - 14.0; PM10/PM2.5 - 30.6; Single HAP (formaldehyde)- 8.7; Total HAP - 12.2; CO2e - 511,413 = Annual (tpy)

Summary of Pipeline and M&R Station Estimated Operational Potential to Emit (PTE): VOC - 1.17; Single HAP - 0.20; Total HAP - 0.20; CO2e - 5460.47 = Annual (tpy)

Modifications to Compressor Station 195 and Compressor Station 200 only include uprating existing electric motor-driven compression capacity or piping and valve modifications; therefore, Transco anticipates these facilities will have insignificant operational emissions.

14.0	**Does the project include the construction or modification of a drinking water supply to serve 15 or more connections or 25 or more people, at least 60 days out of the year?** If "Yes", check all proposed sub-facilities.	☐	Yes	☒	No
	14.0.1 Number of Persons Served _____				
	14.0.2 Number of Employee/Guests _____				
	14.0.3 Number of Connections _____				
	14.0.4 Sub-Fac: Distribution System	☐	Yes	☐	No
	14.0.5 Sub-Fac: Water Treatment Plant	☐	Yes	☐	No
	14.0.6 Sub-Fac: Source	☐	Yes	☐	No
	14.0.7 Sub-Fac: Pump Station	☐	Yes	☐	No
	14.0.8 Sub Fac: Transmission Main	☐	Yes	☐	No
	14.0.9 Sub-Fac: Storage Facility	☐	Yes	☐	No
15.0	**Will your project include infiltration of storm water or waste water to ground water within one-half mile of a public water supply well, spring or infiltration gallery?**	☒	Yes	☐	No
16.0	**Is your project to be served by an existing public water supply?** If "Yes", indicate name of supplier and attach letter from supplier stating that it will serve the project.	☐	Yes	☒	No
	16.0.1 Supplier's Name _____				
	16.0.2 Letter of Approval from Supplier is Attached	☐	Yes	☐	No
17.0	**Will this project be served by on-lot drinking water wells?**	☐	Yes	☒	No
18.0	**Will this project involve a new or increased drinking water withdrawal from a river, stream, spring, lake, well or other water bod(ies)?** If "Yes", reference Safe Drinking Water Program.	☐	Yes	☒	No
	18.0.1 Source Name				
19.0	**Will the construction or operation of this project involve treatment, storage, reuse, or disposal of waste?** If "Yes", indicate what type (i.e., hazardous, municipal (including infectious & chemotherapeutic), residual) and the amount to be treated, stored, re-used or disposed.	☐	Yes	☒	No
	19.0.1 Type & Amount				
20.0	**Will your project involve the removal of coal, minerals, contaminated media, or solid waste as part of any earth disturbance activities?**	☐	Yes	☒	No
21.0	**Does your project involve installation of a field constructed underground storage tank?** If "Yes", list each Substance & its Capacity. **Note:** Applicant may need a Storage Tank Site Specific Installation Permit.	☐	Yes	☒	No
	21.0.1 Enter all substances & capacity of each; separate each set with semicolons.				
22.0	**Does your project involve installation of an aboveground storage tank greater than 21,000 gallons capacity at an existing facility?** If "Yes", list each Substance & its Capacity. **Note:** Applicant may need a Storage Tank Site Specific Installation Permit.	☐	Yes	☒	No
	22.0.1 Enter all substances & capacity of each; separate each set with semicolons.				
23.0	**Does your project involve installation of a tank greater than 1,100 gallons which will contain a highly hazardous substance as defined in DEP's Regulated Substances List, 2570-BK-DEP2724?** If "Yes", list each Substance & its Capacity. **Note:** Applicant may need a Storage Tank Site Specific Installation Permit.	☐	Yes	☒	No
	23.0.1 Enter all substances & capacity of each; separate each set with semicolons.				

24.0	**Does your project involve installation of a storage tank at a new facility with a total AST capacity greater than 21,000 gallons?** If "Yes", list each Substance & its Capacity. **Note:** Applicant may need a Storage Tank Site Specific Installation Permit. **24.0.1 Enter all substances & capacity of each; separate each set with semicolons.**	☐	Yes	☒	No

NOTE: If the project includes the installation of a regulated storage tank system, including diesel emergency generator systems, the project may require the use of a Department Certified Tank Handler. For a full list of regulated storage tanks and substances, please go to www.dep.pa.gov search term storage tanks

25.0	**Will the intended activity involve the use of a radiation source?**	☐	Yes	☒	No

CERTIFICATION

I certify that I have the authority to submit this application on behalf of the applicant named herein and that the information provided in this application is true and correct to the best of my knowledge and information.

For applicants supplying an EIN number: I am applying for a permit or authorization from the Pennsylvania Department of Environmental Protection (DEP). As part of this application, I will provide DEP with an accurate EIN number for the applicant entity. By filing this application with DEP, I hereby authorize DEP to confirm the accuracy of the EIN number provided with the Pennsylvania Department of Revenue. As applicant, I further consent to the Department of Revenue discussing the same with DEP prior to issuance of the Commonwealth permit or authorization.

Type or Print Name Joseph Dean

Signature	Title	Date
	Manager, Permitting	02/24/2022

GIF Supporting Information

Project Component	Site	Site Location City	ZIP Code	Detailed Written Directions to Site	Latitude / Longitude
Effort Loop	Eastern Terminus	Saylorsburg	18353	From 209: heading East – Turn Right onto Frable Rd/T432. Follow for 1.7 miles. Turn Right onto Meixsell Valley Road/T361. Follow for .2 miles then turn left. Destination is in ~340 feet. Heading West-Turn Left onto Rte 115. Follow for 1.1 miles, then turn right onto Meixsell Valley Rd/T361. Continue for 1.4 miles then turn left. Destination is in ~340 feet.	40.896796, -75.370606
	Western Terminus	Long Pond	18334	From I-80: Heading East- Take exit 284 for PA-115 towards Blakeslee. Keep right at the fork, follow signs for Lake Harmony/Brodheadsville and merge on PA-115 S. Follow for 3.2 miles. Turn Left onto Long Pond Road. Destination will be in ~.2 miles. Heading West- Take exit 384 for PA-115 S. Turn left onto PA-115 S. Follow for 3.4 miles. Turn Left onto Long Pond Rd. Destination will be in ~.2 miles.	41.053413, -75.526178
Regional Energy Lateral	Eastern Terminus	White Haven	18661	From I-80: Heading West-Take exit 284 towards Blakeslee. Merge onto PA-115 N. Follow for 8.2 Miles. Turn Right onto Ridgeway Ave. Destination will be in .2 miles. Heading East- Take exit 284 towards Blakeslee. Turn left onto PA-115 N. Follow for 8.4 miles. Turn Right onto Ridgeway Ave. Destination will be in .2 miles. From I-476: Heading South- Take exit 105 to merge onto PA-115 S. Follow PA-115 S for 8.4 miles. Turn left onto Ridgeway Ave. Destination will be in .2 Miles	41.173337, -75.671706
	Western Terminus	Dallas	18612	From PA-309: Heading South-Head South on PA-309 S toward Dallas RV and MHP. Turn Left onto Hildebrandt Rd. Follow for .4 miles then turn right onto Conyngham Ave. Follow for .4 miles. Continue onto Fairground Road. Destination will be to the left in .2 Miles. Heading North-Head North on PA-309 N toward Grandview Ave. Turn right onto Hildebrandt Rd. Follow for .4 miles then turn right onto Conyngham Ave. Follow for .4 miles. Continue onto Fairground Road. Destination will be to the left in .2 Miles.	41.346917, -75.946263
Compressor Station 515		White Haven	18661	Same as REL Eastern Terminus	41.173337, -75.671706
Compressor Station 200		Frazer	19355	From I-76: East Bound- Take exit 312 toward PA-100 S/Pottstown Pike (Toll Rd). Keep left at the fork and follow signs for PA-100 S/Downingtown and merge onto PA-100 S/Pottstown Pike. Follow for 2.5 miles. Turn left onto N. Ship Rd and follow for .6 miles. Turn left onto Valley Hill Rd and follow for 1.7 miles. Turn right onto PA-401 E. Follow for .5 miles then turn right onto Bacton Hill Rd. Destination will be in .5 Miles. Heading West-Take exit 320 toward Melvern Turn left onto PA-29 S. Turn right at the 1st cross street onto Flat Rd. Turn right onto Sidley Road and then in .4 miles, turn left onto Phoenixville Pike. In .9 miles turn right onto PA-401 W and follow for 1 mile. Turn left onto N. Bacton Hill Road. Destination will be on the right in .5 miles.	40.049969, -75.585849
Delaware River Regulator/Lower Mud Run Meter Station		Easton	18040	To Delaware River Regulator- From 22: East Bound- Take the 4th Street/PA-248 Exit toward PA-611. Turn Left onto PA-248 E/Bushkill St. Follow for .4 miles then turn left onto PA-611 N. Keep right to continue on PA-611 N/N Delaware Dr and follow for 5 miles. Turn Left onto Lower Mud Run Rd. Destination will be on the left in .4 miles. To Lower Mud Run Meter Station- Head +/- 200' northwest from the Delaware River Regulator. The site is immediately adjacent to Delaware River Regulator.	40.762166, -75.19644/ 40.762706, -75.197631
Main Line A Regulator		Washington Crossing	18977	From I-295: Take exit 10 toward New Hope. Turn left onto Taylorsville Rd. Continue straight to stay on Taylorsville Rd. In .9 miles turn right onto Mt Eyre Rd. Follow for .2 miles then turn right onto PA-32 S. The destination will be on the right in 407 feet.	40.268063, -74.857125

Transcontinental Gas Pipe Line Company, LLC

Requirement I – Project Location Map

Regional Energy Access Expansion Project –
Regional Energy Lateral and Existing Compressor Station 515

April 2021
(Revised March 2022)

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Proposed Facility Modification/Addition
Existing Compressor Station
Mile Post
Existing Springville Pipeline
Proposed Pipeline
Existing Transco Pipelines
Proposed Limits of Disturbance
Municipal Boundaries

Existing Compressor Station 515 and Proposed MLV-515RA10

Notes:
1. Maps Reduced from USGS 7.5 Minute Quadrangles:
Avoca, Kingston, Pittston, Pleasant View Summit, & Wilkes-Barre East

1 Inch = 2,000 Feet
0 2,000 4,000 Feet

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TRANSCONTINENTAL GAS PIPE LINE COMPANY, LLC

REGIONAL ENERGY ACCESS EXPANSION PROJECT
PROPOSED 30" REGIONAL ENERGY LATERAL

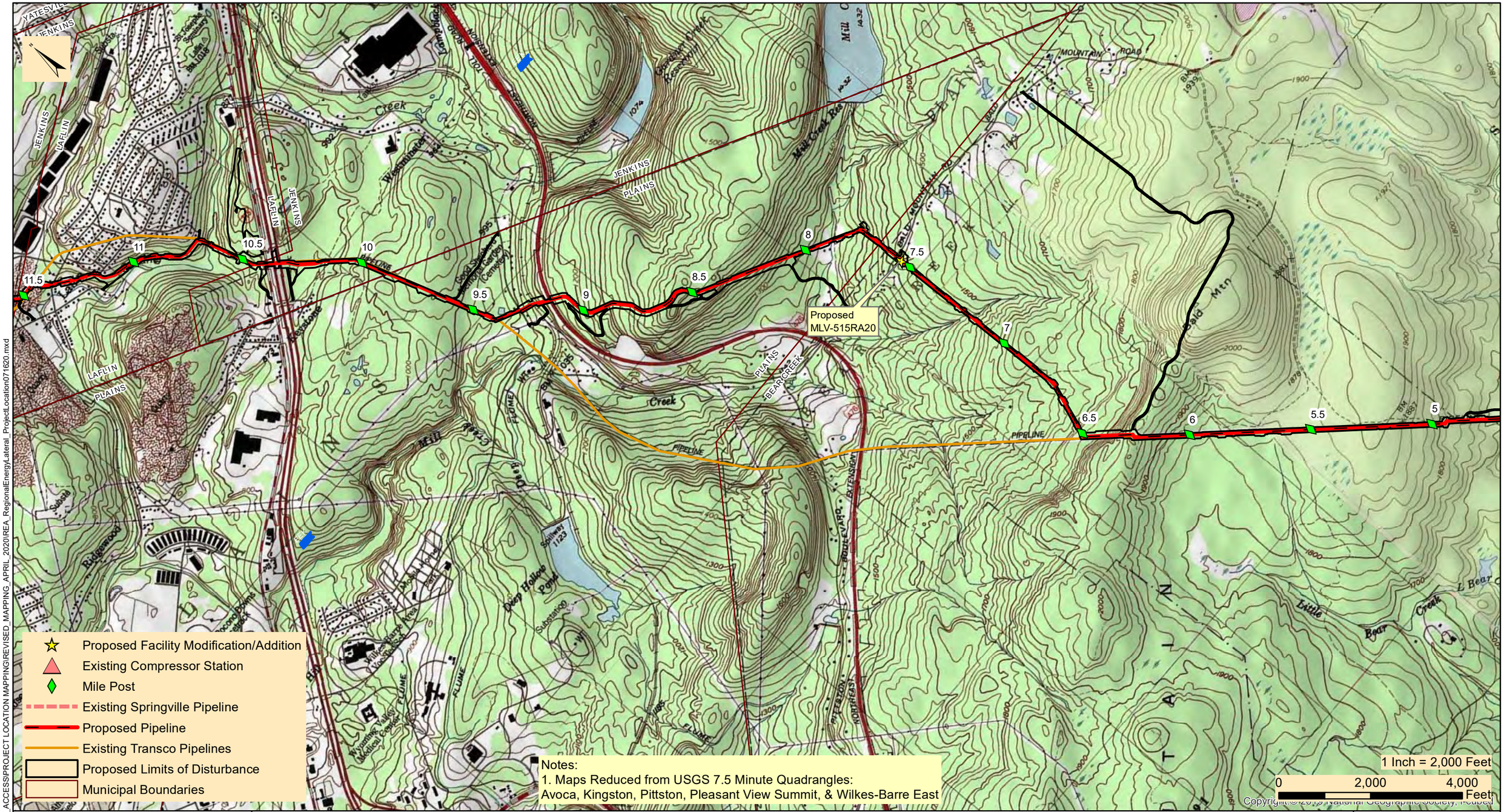
PROJECT LOCATION MAP

BUCK & BEAR CREEK TOWNSHIPS | LUZERNE COUNTY | PENNSYLVANIA

Date: 2/28/2022

Drawn By: FTN

Figure Number: REL-1



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TRANSCONTINENTAL GAS PIPE LINE COMPANY, LLC

REGIONAL ENERGY ACCESS EXPANSION PROJECT

PROPOSED 30" REGIONAL ENERGY LATERAL

PROJECT LOCATION MAP

BEAR CREEK, JENKINS, PLAINS TWPS, & LAFLIN BOROUGH | LUZERNE COUNTY | PENNSYLVANIA

Date: 2/28/2022

Drawn By: FTN

Figure Number: REL-2

Carverton Tie-In

Proposed MLV-515RA30

17.5 17 16.5 16 15.5 15 14.5 14 13.5 13 12.5 12 11.5 11 10.5 10

- Proposed Facility Modification/Addition
- Existing Compressor Station
- Mile Post
- Existing Springville Pipeline
- Proposed Pipeline
- Existing Transco Pipelines
- Proposed Limits of Disturbance
- Municipal Boundaries

Notes:
1. Maps Reduced from USGS 7.5 Minute Quadrangles:
Avoca, Kingston, Pittston, Pleasant View Summit, & Wilkes-Barre East

1 Inch = 2,000 Feet
0 2,000 4,000 Feet

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TRANSCONTINENTAL GAS PIPE LINE COMPANY, LLC

REGIONAL ENERGY ACCESS EXPANSION PROJECT

PROPOSED 30" REGIONAL ENERGY LATERAL

PROJECT LOCATION MAP

KINGSTON, JENKINS, WEST WYOMING, WYOMING, & LAFLIN | LUZERNE COUNTY | PENNSYLVANIA

Date: 2/28/2022

Drawn By: FTN

Figure Number: REL-3

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20.5
20
21.5
22
19.5
19
17.5
17
16.5

Hildebrandt Tie-in/
MLV-515RA40

Lower Demunds
REL Tie-In

Carverton
Tie-In

Proposed Facility Modification/Addition
Existing Compressor Station
Mile Post
Existing Springville Pipeline
Proposed Pipeline
Existing Transco Pipelines
Proposed Limits of Disturbance
Municipal Boundaries

Notes:
1. Maps Reduced from USGS 7.5 Minute Quadrangles:
Avoca, Kingston, Pittston, Pleasant View Summit, & Wilkes-Barre East

1 Inch = 2,000 Feet
0 2,000 4,000 Feet

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TRANSCONTINENTAL GAS PIPE LINE COMPANY, LLC

REGIONAL ENERGY ACCESS EXPANSION PROJECT
PROPOSED 30" REGIONAL ENERGY LATERAL

PROJECT LOCATION MAP

DALLAS, KINGSTON, & WEST WYOMING TOWNSHIP | LUZERNE COUNTY | PENNSYLVANIA

Date: 2/28/2022

Drawn By: FTN

Figure Number: REL-4

Tax Account Number / APN	Legal Desc County	Municipality
33F10 00A07C000	Luzerne	Wyoming
66E10 00A0A1000	Luzerne	Wyoming
67E10 00A002000	Luzerne	Wyoming
67F10 00A006000	Luzerne	Wyoming
67F10 00A14A000	Luzerne	Wyoming
67F10 00A001000	Luzerne	Wyoming
67F10 00A001000	Luzerne	Wyoming
67F10 00A010000	Luzerne	Wyoming
67F10 00A04A000	Luzerne	Wyoming
67F10NE100113A000	Luzerne	Wyoming
67F10NE100113B000	Luzerne	Wyoming
67F10NE100113G000	Luzerne	Wyoming
67F10NE100113K000	Luzerne	Wyoming
67F10NE100113K000	Luzerne	Wyoming
67F10NE100113L000	Luzerne	Wyoming
67F10NE100113M000	Luzerne	Wyoming
67F10NE100113P000	Luzerne	Wyoming
67F10NE100113R000	Luzerne	Wyoming
67F10NE2003014000	Luzerne	Wyoming
67F10NE2003015000	Luzerne	Wyoming
67F10NE2003026000	Luzerne	Wyoming
67F10NE200323A000	Luzerne	Wyoming
67F10NE2004024000	Luzerne	Wyoming
67F10NE2004025000	Luzerne	Wyoming
67F10NE200424B000	Luzerne	Wyoming

SECTION 1.6.2
MONROE COUNTY
(EFFORT LOOP)

COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
BUREAU OF CLEAN WATER

MUNICIPAL NOTIFICATION OF PLANNED LAND DEVELOPMENT FOR CHAPTER 102 PERMITS

PROJECT INFORMATION (COMPLETED BY APPLICANT)

Applicant Name:	**Transcontinental Gas Pipe Line Company, a subsidiary of Williams Partners, L.P.**	Contact Name:	**Joseph Dean** **Manager-Permitting**
Applicant Address:	**2800 Post Oak Blvd, Level 11**	Contact Phone:	**(713) 215-3427**
Applicant City, State, ZIP:	**Houston, TX 77056**	County:	**Monroe**
		Municipality:	**Chestnuthill**
		Project Area:	**181.28** acres ☐ Phased
		Disturbance:	**127.24** acres

Description of Proposed Land Development and Stormwater Controls:

The Effort Loop component of the Regional Energy Access Expansion Project will consist of approximately 13.8 miles of 42-inch pipeline co-located with existing Transco Leidy Lines between Mileposts 43.72 and 57.50 in Ross, Chestnuthill and Tunkhannock Townships, Monroe County. The new pipeline will tie-in to the existing 42-in Leidy Line "D" on both ends, completing the segment. With the segment completed, the existing pig traps (industry term for manifolds that launch or receive in-line inspection tools) at both tie-ins will no longer be needed and will therefore be removed, while the existing mainline valves will remain. Transco will be installing a new mainline valve and appurtenant equipment at Milepost 49.6 off of Sugar Hollow Road, which will include PCSM BMP's. The valve installation is a means to isolate gas flows. One Contractor Yard is proposed at the east end of the pipeline at MP 43.72. One remote anode groundbed is proposed at MP 43.72. E&S and PCSM BMP's are proposed.

Tax Parcel ID(s) Affected by Proposed Land Development:

See attached table

Surface Waters Receiving Stormwater Discharges:

McMichael Creek, Pohopoco Creek, Poplar Creek, Sugar Hollow Creek, Weir Creek

Discharge to: ☐ MS4 ☐ Other SS ☐ CSS

The following information was submitted to the municipality for this project:

☐ Land Development / Subdivision Plan ☒ E&S Plan ☒ PCSM Plan ☐ Other:

***On March 31, 2021 Transco submitted to you its E&S and PCSM Plans (Plans) as part of the ESCGP-3 permit application notification. The purpose of this notice is to let you know that Transco will be submitting an Erosion and Sediment Control Permit for Discharges of Stormwater Associated with Construction Activities Application to the PA Dept. of Environmental Protection to replace the ESCGP-3 application. Please refer to the previously submitted Plans.**

MUNICIPAL PLAN / ORDINANCE INFORMATION (COMPLETED BY MUNICIPALITY)		
1. Is there an adopted municipal or multi-municipal comprehensive plan?	☐ Yes	☐ No
2. Is there an enacted municipal or multi-municipal zoning ordinance?	☐ Yes	☐ No
3. If Yes to #2, is the proposed project consistent with the ordinance?	☐ Yes	☐ No
4. Is there a municipal stormwater management ordinance?	☐ Yes	☐ No
5. If Yes to #4, is the proposed project consistent with the ordinance, without waiver?	☐ Yes	☐ No

6. If Yes to #4, indicate type of ordinance: ☐ Act 167 Model Ordinance ☐ DEP Model Ordinance (MS4s) ☐ Other

APPLICANT CERTIFICATION	MUNICIPAL ACKNOWLEDGEMENT
I certify under penalty of law (see 18 Pa.C.S. § 4904 (relating to unsworn falsification)) that the information reported herein was prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the information, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.	The municipality acknowledges that a permit application for the above-referenced project has been submitted to a reviewing agency and that notification requirements of Act 14 of 1984 and Acts 67, 68, and 127 of 2000 have been satisfied. The information reported herein by the municipality is true and accurate. The municipality reserves the right to comment to the reviewing agency relative to comprehensive plans, zoning, and stormwater ordinance consistency. Municipal acknowledgment of receipt of notification shall not be construed as project approval.

Joseph Dean

Applicant Name

Applicant Signature

Manager - Permitting

Applicant Title

07/01/2021

Date of Signature

Municipal Representative Name

Municipal Representative Signature

Municipal Representative Title

Date of Signature

Tax Account Number / APN	Legal Desc County	Municipality
02/111157	Monroe	Chestnuthill
02/112293	Monroe	Chestnuthill
02/113019	Monroe	Chestnuthill
02/113022	Monroe	Chestnuthill
02/113418	Monroe	Chestnuthill
02/116754	Monroe	Chestnuthill
02/116777	Monroe	Chestnuthill
02/116778	Monroe	Chestnuthill
02/116779	Monroe	Chestnuthill
02/14/1/28-4	Monroe	Chestnuthill
02/14/1/4-5	Monroe	Chestnuthill
02/14/1/6	Monroe	Chestnuthill
02/14/1/7-4	Monroe	Chestnuthill
02/14/1/7-5	Monroe	Chestnuthill
02/14B/1/100	Monroe	Chestnuthill
02/14B/1/101	Monroe	Chestnuthill
02/14B/1/107	Monroe	Chestnuthill
02/14B/1/108	Monroe	Chestnuthill
02/14B/1/122	Monroe	Chestnuthill
02/14B/1/123	Monroe	Chestnuthill
02/14B/1/76	Monroe	Chestnuthill
02/14B/1/82	Monroe	Chestnuthill
02/14B/1/83	Monroe	Chestnuthill
02/14B/1/84	Monroe	Chestnuthill
02/14B/1/85	Monroe	Chestnuthill
02/14B/1/86	Monroe	Chestnuthill
02/14B/1/99	Monroe	Chestnuthill
02/14C/1/5	Monroe	Chestnuthill
02/14C/1/6	Monroe	Chestnuthill
02/14C/2/27	Monroe	Chestnuthill
02/14C/2/28	Monroe	Chestnuthill
02/14C/2/29	Monroe	Chestnuthill
02/14C/2/30	Monroe	Chestnuthill
02/14C/2/35	Monroe	Chestnuthill
02/14C/2/36	Monroe	Chestnuthill
02/14C/2/37	Monroe	Chestnuthill
02/14C/2/38	Monroe	Chestnuthill
02/14C/2/39	Monroe	Chestnuthill
02/14C/2/40	Monroe	Chestnuthill
02/14C/2/41	Monroe	Chestnuthill
02/14C/2/42	Monroe	Chestnuthill
02/14C/2/44	Monroe	Chestnuthill

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02/14C/2/88	Monroe	Chestnuthill
02/14C/2/89	Monroe	Chestnuthill
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02/14F/1/11	Monroe	Chestnuthill
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02/86523	Monroe	Chestnuthill
02/86524	Monroe	Chestnuthill

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02/86564	Monroe	Chestnuthill
02/86565	Monroe	Chestnuthill
02/86732	Monroe	Chestnuthill
02/8C/2/13	Monroe	Chestnuthill
02/8C/2/3	Monroe	Chestnuthill
02/8C/2/4	Monroe	Chestnuthill
02/92517	Monroe	Chestnuthill
02/9A/1/27	Monroe	Chestnuthill
02/9A/1/29	Monroe	Chestnuthill
02/9A/1/30	Monroe	Chestnuthill
02/9A/1/31	Monroe	Chestnuthill
02/9A/1/32	Monroe	Chestnuthill
02/9A/1/33	Monroe	Chestnuthill
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02/9A/2/13	Monroe	Chestnuthill
02/9A/2/14	Monroe	Chestnuthill
02/9A/2/15	Monroe	Chestnuthill
02/9A/2/16	Monroe	Chestnuthill
02/9A/2/17	Monroe	Chestnuthill
02/9A/2/18	Monroe	Chestnuthill
15/6/1/25-7	Monroe	Chestnuthill
20/3A/1/104	Monroe	Chestnuthill
20/86525	Monroe	Chestnuthill and Tunkhannock
N/A	Monroe	Chestnuthill
Not being assessed	Monroe	Chestnuthill

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March 31, 2021

UPS TRACKING (1Z8797VV0394955385)

Chestnuthill Township
P.O. Box 243, 271 Route 715
Brodheadsville, PA 18322

Re: Regional Energy Access Expansion Project – Effort Loop
Pennsylvania Acts 14, 67, 68, and 127 Notification
Chestnuthill, Ross, and Tunkhannock Townships, Monroe County, Pennsylvania

Dear Chestnuthill Township Supervisors:

This municipal notice, under the requirements of Act 14, 97 P.S. § 510-5, is to inform you that Transcontinental Gas Pipe Line Company, LLC (Transco), a subsidiary of The Williams Companies, Inc. (Williams) is applying for coverage under the Erosion and Sediment Control General Permit (ESCGP-3) for Earth Disturbance Associated with Oil & Gas Exploration, Production, Processing or Treatment Operations or Transmission Facilities from the Pennsylvania Department of Environmental Protection (DEP).

1) Project Name: Regional Energy Access Expansion Project – Effort Loop

2) Project Description: Transco, indirectly owned by The Williams Companies, Inc. (Williams), is seeking authorization from the Federal Energy Regulatory Commission (FERC or Commission) under Section 7(c) of the Natural Gas Act and Part 157 of the Commission's regulations, to construct, own, operate, and maintain the proposed Project facilities. The Project is an expansion of Transco's existing natural gas transmission system that will enable Transco to provide an incremental 829,400 dekatherms per day (Dth/d) of year-round firm transportation capacity from the Marcellus Shale production area in northeastern Pennsylvania (PA) to multiple delivery points along Transco's Leidy Line in PA, Transco's mainline at the Station 210 Zone 6 Pooling Point in Mercer County, New Jersey (NJ) and multiple delivery points in Transco's Zone 6 in NJ, PA, and Maryland (MD).

The Effort Loop component of the Project will consist of approximately 13.8 miles of 42-inch pipeline co-located with existing Transco Leidy Lines between Mileposts 43.72 and 57.50 in Ross, Chestnuthill and Tunkhannock Townships, Monroe County. The new pipeline will tie-in to the existing 42-in Leidy Line "D" on both ends, completing the segment. With the segment completed, the existing pig traps (industry term for manifolds that launch or receive in-line inspection tools) at both tie-ins will no longer be needed and will therefore be removed, while the existing mainline valves will remain. Transco will be installing a new mainline valve and appurtenant equipment at Milepost 49.6 off of Sugar Hollow Road. The valve installation is a means to isolate gas flows. One Contractor Yard is proposed at the east end of the pipeline at MP 43.72. One remote anode groundbed is proposed at MP 43.72.

3) Applicant Name: Transcontinental Gas Pipe Line Company, LLC's (Transco), a subsidiary of Williams Partners L.P. (Williams)

4) Applicant Contact: Joseph Dean
Environmental Manager
2800 Post Oak Blvd, Level 11
Houston, TX 77056
(713) 215-3417

5) Site Location: The proposed Project is located on the Blakeslee, Pocono Pines, Brodheadsville and Saylorsburg, Pennsylvania, 7.5 Minute USGS quadrangle. The Project is co-located with an existing pipeline right-of-way. The western terminus of the Effort Loop is located at: 41.053413, -75.526178, and the eastern terminus is location at: 40.896796, -75.370606.

6) Municipality / County: Chestnuthill, Ross, and Tunkhannock Townships, Monroe County

Act 14, which amended the Commonwealth's Administrative Code (71 P.S. § 510-5), requires every applicant for a new, amended, or revised permit to give written notice to each municipality (borough, township) and county government in which the facility is located. The municipality and county government must receive the written notice at least thirty (30) - days before DEP may issue or deny approval of coverage.

Enclosed is a complete copy of the Notice of Intent (NOI) completed for the project as well as copies of the erosion and sediment control plan and post construction stormwater management plans.

Sincerely,

Ryan J. Nelson, PWS
WHM Consulting, LLC

Enclosures:
NOI Form
Erosion and Sediment Control Plan Drawings
Post Construction Stormwater Management Plan Drawings

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pennsylvania
DEPARTMENT OF ENVIRONMENTAL PROTECTION

COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
OFFICE OF WATER PROGRAMS
OFFICE OF OIL AND GAS MANAGEMENT

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Fee
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Check Date

NOTICE OF INTENT (NOI) FOR COVERAGE UNDER THE EROSION AND SEDIMENT CONTROL GENERAL PERMIT (ESCGP-3) FOR EARTH DISTURBANCE ASSOCIATED WITH OIL AND GAS EXPLORATION, PRODUCTION, PROCESSING, OR TREATMENT OPERATIONS OR TRANSMISSION FACILITIES

READ THE INSTRUCTIONS PROVIDED IN THIS PERMIT APPLICATION PACKAGE BEFORE COMPLETING THIS FORM. PLEASE PRINT OR TYPE INFORMATION IN BLACK OR BLUE INK.

SECTION A. APPLICATION TYPE

Check one:

NEW ☒ **RENEWAL** ☐ **MAJOR MODIFICATIONS (Provide ESCGP number)** ☐

PHASED ☐ (check only if applicable; *note: Most projects are not submitted as phased projects*)

Check one: EXPEDITED ☐ **STANDARD** ☒

If an Expedited Review Process being requested, be advised that the Expedited Review is not available for all projects. Refer to Section D - Expedited Review Process of the ESCGP-3 NOI Instructions to determine if the project is eligible.

SECTION B. CLIENT INFORMATION

Applicant's Last Name (If applicable)	First Name	MI	Telephone No.
Organization Name or Registered Fictitious Name Transcontinental Gas Pipe Line Company, LLC (Contact: Joseph Dean)			Telephone No. (713) 215-3427
DEP Client ID No.			
Headquarters Mailing Address 2800 Post Oak Blvd, Level 11	City Houston	State TX	ZIP Code 77056
Email Address Joseph.Dean@williams.com			
Co-Applicant's Last Name (If applicable)	First Name	MI	Telephone No.
Organization Name or Registered Fictitious Name			Telephone No.

Address	City	State	ZIP Code
Email Address			

SECTION C. SITE INFORMATION			
Is there an existing ESCGP associated with this site? ☐ Yes ☒ No If yes, Permit No. _____			
Has a well permit application been submitted for this site? ☐ Yes ☒ No If yes, Permit No. _____ Does this site have a 911 address? ☐ Yes ☒ No If yes, provide site location address.			
Site Name Regional Energy Access Expansion Project			
Site Location See Attachment 1-1.1- NOI Supporting Information	Site No. (if another permit has been issued for the site)		
Site Location – City See Attachment 1-1.1- NOI Supporting Information		State PA	ZIP Code
Detailed Written Directions to Site See Attachment 1-1.1- NOI Supporting Information for locations of all project sites			

Primary Location	County	Municipality	City	Boro	Twp.
	Luzerne, Northhampton, Bucks, Chester, and Monroe	Buck, Bear Creek, Plains, Jenkins, Kingston, Lower Mt. Bethel, Ross, Chestnut Hill, Tunkhannock, Lower Makefield, East Whiteland and Dallas Townships Wyoming, West Wyoming, and Laflin Boroughs	☐	☒	☒

SECTION D. EXPEDITED REVIEW	
I. Expedited Review Eligibility	
1. Is any part of the project in the watershed of a surface water with an existing or designated use of exceptional value or high quality pursuant to Chapter 93 (relating to water quality standards), in an exceptional value wetland in accordance with 25 Pa. Code § 105.17, or in the watershed of an impaired surface water where the cause of the impairment is identified as siltation?	☒ Yes ☐ No
2. Will the project in which the well pad will be constructed be in or on a floodplain?	☐ Yes ☒ No
3. Is any earth disturbance located or proposed to be located on land known to be contaminated by the release of regulated substances as defined in Section 103 of Act 2, 35 P.S. § 6026.103?	☐ Yes ☒ No
4. Will naturally occurring geologic formations or soil conditions provide hazards to the project or surrounding environment or have the potential to cause or contribute to pollution when disturbed?	☒ Yes ☐ No
5. Do any unresolved non-compliance issues exist with the applicant or the facility?	☐ Yes ☒ No
6. Is the project a transmission project?	☒ Yes ☐ No

If yes to any of the above questions the project is not eligible for Expedited Review; If the project is eligible for Expedited Review, all the following items must be completed.	
II. Expedited Review Process	
1. Is the technically and administratively complete and accurate NOI package prepared and certified by a licensed professional?	☐ Yes ☐ No
2. Are E&S and PCSM/Site Restoration Plan drawings and narrative prepared and sealed by a licensed professional? *(Include interim restoration details when needed)*	☐ Yes ☐ No
3. Include a Resource Delineation Report and answer the following questions: (If the answer to question a. is "Yes" then skip to #4. If the answer to a. is "No" the applicant must answer "Yes" to at least one of the questions, b. through d. to be eligible for expedited review.)	
a. Were all wetland resources delineated during the growing season?	☐ Yes ☐ No
b. If not during the growing season, was a follow-up visit conducted during the growing season to verify/adjust boundaries and look for potentially missed resources?	☐ Yes ☐ No
c. Was a quality assurance field review conducted at a later date by an independent qualified wetland professional to verify boundaries and look for potentially missed resources? (If yes, attach Quality Assurance Field Review Report)	☐ Yes ☐ No
d. Was a Jurisdictional Determination (JD) or Preliminary JD conducted by the US Army Corps of Engineers on the whole project? (If yes, attach Preliminary or Jurisdictional Determination Report)	☐ Yes ☐ No
4. If applicable, have you included PNDI clearance letters or other documentation from applicable resource agencies?	☐ Yes ☐ No
5. If the project site contains, is along, or within 100 feet of a river, stream, creek, lake, pond or reservoir, will you establish new or preserve existing riparian forest buffer at least 100 feet in width between the top of streambank or normal pool elevation of a lake, pond or reservoir and areas of earth disturbances. If no, will a waiver be obtained? ☐ Yes ☐ No	☐ Yes ☐ No
6. Name of Licensed Professional Company	
Address	
Phone	

SECTION E. PROJECT INFORMATION			
1. Total Project Area/Project Site (Ac):	1,346 (Also see Attachment 1-1.1)	Total Disturbed Area (Ac):	689.8 (Also see Attachment 1-1.1)
Increased disturbed acreage *(for permit modification only)*			
Fee: ***(For additional information regarding fees, refer to NOI Instructions #3 Permit NOI Filing Fees.)***			$ $500 (Filing Fee), $69,000 (Disturbed Acre Fee)
2. Project Name: Regional Energy Access Expansion Project			

3. Project Type (Check all that apply)

- ☐ Oil/Gas Well [1]
- ☐ Gathering Facility
- ☐ Treatment Facility
- ☒ Compressor Station
- ☒ Pipeline
- ☐ Storage Field Facility
- ☐ Other
- ☒ Transmission Facility
- ☐ Processing Facility
- ☐ Well Development Impoundment
- ☐ Non-FERC regulated Transmission Facility
- ☐ Ground/Surface Water Withdrawal Site

[1] If Oil/Gas Well; is the well conventional or unconventional? ☐ Conventional ☐ Unconventional

Project Description

Transco, indirectly owned by The Williams Companies, Inc. (Williams), is seeking authorization from the Federal Energy Regulatory Commission (FERC or Commission) under Section 7(c) of the Natural Gas Act and Part 157 of the Commission's regulations, to construct, own, operate, and maintain the proposed Project facilities

The Project is an expansion of Transco's existing natural gas transmission system that will enable Transco to provide an incremental 829,400 dekatherms per day (Dth/d) of year-round firm transportation capacity from the Marcellus Shale production area in northeastern Pennsylvania (PA) to multiple delivery points along Transco's Leidy Line in PA, Transco's mainline at the Station 210 Zone 6 Pooling Point in Mercer County, New Jersey (NJ) and multiple delivery points in Transco's Zone 6 in NJ, PA, and Maryland (MD). The Project will consist of the following components:
•Approximately 22.3 miles of 30-inch-diameter pipeline partially collocated with Transco's Leidy Line A from milepost (MP) 0.00 to MP 22.32 in Luzerne County, PA (Regional Energy Lateral);
• Approximately 13.8 miles of 42-inch-diameter pipeline collocated with Transco's Leidy Line System from MP 43.72 to MP 57.50 in Monroe County, PA (Effort Loop);
• New gas-fired turbine driven compressor station identified as Compressor Station 201 with 11,107 nominal horsepower (HP) at International Organization of Standardization (ISO) conditions in Gloucester County, NJ;
• Addition of two gas-fired turbine driven compressor units with 31,800 nominal HP at ISO conditions at existing Compressor Station 505 in Somerset County, NJ, to accommodate the abandonment and replacement of approximately 16,000 HP from eight existing internal combustion engine-driven compressor units and increase the certificated station compression by 15,800 HP;
• Addition of two gas-fired turbine driven compressor units with 63,742 nominal HP at ISO conditions and modification of three existing compressors at existing Compressor Station 515 in Luzerne County, PA to support the Project and to accommodate the abandonment and replacement of approximately 17,000 HP from five existing gas-fired reciprocating engine driven compressors and increase the certificated station compression by 46,742 HP;
• Uprate and rewheel two existing electric motor-driven compressor units at existing Compressor Station 195 in York County, PA to increase the certificated station compression by 5,000 HP and accommodate the abandonment of two existing gas-fired reciprocating engine driven compressors which total approximately 8,000 HP of compression;
•Modifications at existing Compressor Station 200 in Chester County, PA;
•Uprate one existing electric motor-driven compressor unit at Compressor Station 207 in Middlesex County, NJ to increase the certificated station compression by 4,100 HP;
• Modifications to three (3) existing pipeline tie-ins in PA (Hildebrandt Tie-in, Lower Demunds REL Tie-in, and Carverton Tie-in);
•Addition of regulation controls at an existing valve setting on Transco's Mainline "A" in Bucks County, PA (Mainline A Regulator);
•Modifications at the existing Delaware River Regulator in Northampton County, PA;
•Modifications at the existing Centerville Regulator in Somerset County, NJ;
•Modifications to the existing valves and piping at the Princeton Junction (Station 210 Pooling Point) in Mercer County, NJ;
• Modifications to three (3) existing delivery meter stations in NJ (Camden M&R Station, Lawnside M&R Station, and Mt. Laurel M&R Station);
•Modifications to one (1) existing delivery meter station in MD (Beaver Dam M&R Station);
•Contractual changes (no modifications) at ten (10) existing delivery meter stations in PA and NJ (Algonquin-Centerville Meter Station, Post Road Meter Station, New Village Meter Station, Spruce Run Meter Station, Marcus Hook Meter Station, Ivyland Meter Station, Repaupo Meter Station, Morgan Meter Station, Lower Mud Run Meter Station, and Chesterfield Meter Station);
• Additional ancillary facilities, such as mainline valves (MLVs), cathodic protection, communication facilities, and internal inspection device (e.g., pig) launchers and receivers in PA; and
• Existing, improved, and new access roads and contractor yards/staging areas in PA, NJ, and MD.
Provide the date of pre-application meeting (if conducted with the Department) 04/27/20, 07/09/20, 09/04/20, 09/30/20, 12/15/20, 12/16/20, 01/06/21, 02/05/21

4. Provide the latitude and longitude coordinates for the center of the project. The coordinates should be in Decimal degrees and North American Datum 1983. The coordinates must meet the current DEP policy regarding locational accuracy. For linear projects provide the project's termini. See Attachment 1-1.1

Latitude (DD) . Longitude (DD) - .

Latitude (DD) . Longitude (DD) - .

Horizontal Collection Method: ☐ GPS ☒ Interpolated from U.S.G.S. Topographic Map ☐ DEP's eMAP

5. U.S.G.S. 7.5 min. topographic quadrangle Name (See Attachment 1-1.1)
(*Include a copy of the project area on the 7.5 min quad map)*

6. Will the project be conducted as a phased permit project? ☐ Yes ☒ No
If Yes, Include Master Site Plan Estimated Timetable for Phased Projects. ☐ Additional sheet(s) attached.

Phase No. or Name	Description	Total Area	Disturbed Area	Start Date	End Date

7. List existing and previous land use for a minimum of the previous 5 years. (See Section 2 of this ESCGP-3 Application)

8. Other Pollutants: Will the stormwater discharge contain pollutional substances other than sediment? ☐ Yes ☒ No

9. Will fuels, chemicals, solvents, other hazardous waste or materials be used or stored on site during earth disturbance activities or will Horizontal Directional Drilling (HDD) activities be conducted?
Yes ☒ No ☐ ***(If yes, Preparedness, Prevention and Contingency (PPC) Plan must be maintained on site during earth disturbance. See NOI Instructions, E.9 PPC Plan Guidance for further information.)***

10. Is the project in the watershed of an impaired surface water where the cause of the impairment is identified as siltation?
Yes ☒ No ☐ (See Section 2-5 of this ESCGP-3 Application) ***(If yes, show how the project will not result in a net change in volume, rate or water quality. See section I below, and E.10 of NOI instructions.)***

11. Are there potentially hazardous naturally occurring geological or soil conditions in any portion of the project or surrounding area? Yes ☒ No ☐

If yes, do the potentially hazardous geologic or soil conditions have the potential to cause or contribute to pollution as a result of the proposed earth disturbance activities?

If no, provide an explanation.

If yes, Geologic Hazard Mitigation Plan must be attached and explain where in this application details are provided.

12. Has the Act 14 Municipal Notification and proof of receipt of notification been attached to the NOI?
Yes ☒ No ☐ ***(If not, the NOI is not complete, see E.12 and #4 Municipal Notification in the NOI Instructions for additional guidance.)***

13. Has the PNDI receipt been attached to the NOI?
Yes ☒ No ☐ ***(If not, the NOI is not complete, see E.13 and #5 PNHP in the NOI Instructions for additional guidance.)***

14. Have the E&S Plan and PCSM/SR Plan been planned and designed to be consistent?
Yes ☒ No ☐

15. Have existing and/or proposed Riparian Forest Buffers been identified?
Yes ☒ N/A ☐ ***(If yes, they must be shown on the E&S Plan as well as the PCSM/SR Plans.)***

16. Have antidegradation implementation requirements for special protection waters been addressed?
Yes ☒ No ☐ N/A ☐ ***(If yes, antidegradation requirements must be included in the plan.)***

17. Has the seasonal high groundwater level been identified and 20-inch separation established at all excavation locations for pits for conventional operations and Well Development Impoundments for unconventional operations?

    Yes ☐ No ☐ N/A ☒

18. Receiving Waters	Chapter 93, Designated Use Stream Classification	Chapter 93, Existing Use Stream Classification
Effort Loop- Lake Creek (HQ-CWF,MF) Princess Run (CWF,MF) Weir Creek (CWF,MF) McMichael Creek (EV, MF) and (HQ-CWF) Pohopoco Creek (CWF,MF) Sugar Hollow Creek (CWF,MF) Poplar Creek (EV,CWF,MF) Mud Run (HQ-CWF, MF) Mud Pond Run (HQ-CWF,EV,MF) Tunkhannock Creek (HQ-CWF,MF) Regional Energy Lateral- Stony Run (HQ-CWF,MF) Shades Creek (HQ-CWF,MF) Little Shades Creek (HQ-CWF,MF) Snider Run (HQ-CWF,MF) Meadow Run (HQ-CWF,MF) Bear Creek (HQ-CWF,MF) Little Bear Creek (HQ-CWF,MF) Mill Creek (CWF,MF) Gardner Creek (CWF,MF) Susquehanna River (WWF,MF) Abrahams Creek (CWF,MF) Toby Creek (CWF,MF) Trout Brook (CWF,MF) Compressor Station 515- Shades Creek (HQ-CWF,MF) Stony Run (HQ-CWF,MF) Compressor Station 200- Valley Creek (EV,MF) Delaware River Regulator- Mud Run (CWF, MF) Mainline "A" Regulator - Dyers Creek (WWF,MF) See Attachment 1-1.1 for detailed list.	☒ HQ ☒ EV ☒ Other CWF, MF, WWF ☒ Siltation-impaired	☐ HQ ☒ EV ☒ Other MF ☐ Siltation-impaired
	☐ HQ ☐ EV ☐ Other _____ ☐ Siltation-impaired	☐ HQ ☐ EV ☐ Other _____ ☐ Siltation-impaired

	☐ HQ ☐ EV ☐ Other _____ ☐ Siltation-impaired ☐ HQ ☐ EV ☐ Other _____ ☐ Siltation-impaired	☐ HQ ☐ EV ☐ Other _____ ☐ Siltation-impaired ☐ HQ ☐ EV ☐ Other _____ ☐ Siltation-impaired
Secondary Receiving Water	Secondary Chapter 93, Designated Use	Secondary Existing Use
Name of Municipal or Private Separate Storm Sewer Operator, if applicable.		
Non-Surface Receiving Water: (include off-site discharges)		

SECTION F. EROSION AND SEDIMENT CONTROL (E&S) PLAN

See the attached Instructions for additional guidance with E&S Plans

Erosion and Sediment Control Plan BMPs should be designed to minimize accelerated erosion and sedimentation through limiting the extent and duration of earth disturbance, protection of existing drainage and vegetation, limiting soil compaction and controlling the generation of increased runoff. The Department recommends the use of the *Pennsylvania Erosion & Sedimentation Pollution Control Program Manual (E&S Manual)* (363-2134-008) to achieve this goal. The E&S Plan must meet the requirements of Pa. Code § 102.4(b) and submitted with the NOI. Also, see section 2. of the NOI instruction for detailed information on completing the E&S plan and additional requirements.

a. E&S Plan Summary

Provide a summary of proposed E&S BMPs and their performance to manage E&S for the project.

Typical BMPs provided along the pipeline Right-Of-Way includes waterbars, trench plugs, compost filter socks, compost sediment traps, rock filter outlets, erosion control blankets, rock construction entrances, temporary equipment bridges, timber mats, diversion channels, level spreaders, mulch and seed. An appropraite sediment removal device (filter bag, dewatering structure) and well-vegetated area will be utilized for trench dewatering. In HQ, EV watersheds, appropriate Antidegradation Best Available Combination of Technologies (ABACT) BMPs will be utilized. Additional information regarding all the proposed BMPs are provided in the Erosion and Sedimentation Control and Site Restoration Plans of respective project components (Section 2 of this ESCGP-3 Application).

b. E&S Plan BMP Design

Check those that apply:

☒ E&S Plan is designed using BMPs in the *E&S Manual*.

☐ E&S Plan is designed using an alternative BMP or design standard approved by DEP.

Note: NOI packages submitted with alternate BMPs not approved by the Department will be returned to the Applicant.

c. Do you have any information regarding riparian buffer which differs from Section G, Riparian Buffer?

Yes ☐ No ☒

Explain:

d. Thermal Impacts Analysis

Explain how thermal impacts associated with this project were avoided, minimized, or mitigated.

Thermal impacts associated with Regional Energy Access Expansion Project will be avoided to the maximum extent possible. Minimum permanent changes in land cover are being proposed for constructing the pipeline facilities. Runoff from impervious areas added during the project will be suitably routed to Stormwater BMPs. Gravel will be used for access roads wherever practicable. To avoid thermal impacts arising from clearing and grading, removal of vegetation will be limited to only that necessary for construction and construction Right-Of-Way will be limited to 75 feet in wetlands and floodways where practical. Once construction activities are complete, disturbed areas will be restored to pre-construction contours and seeded as described in Erosion and Sediment Control and Site Restoration Plans. Temporary workspaces will be restored back with woody and herbaceous species. Thermal impacts assessments corresponding to each project component including pipelines and aboveground facilities are given in Section 2 and 3 of this ESCGP-3 Application.

e. Off-Site Discharge Analysis

Does the activity propose any off-site discharges to areas other than surface waters? ☒ Yes ☐ No

If yes, it is the applicant's responsibility to ensure that they have legal authority for any off-site discharge to neighboring properties.

The applicant must provide a demonstration in both E&S and PCSM/SR plans that the discharge will not cause erosion, damage, or a nuisance to off-site properties.

See Offsite Discharge Analysis Sections in E&S Narratives

SECTION G. RIPARIAN BUFFER

1. Will you be protecting, converting or establishing a voluntary riparian forest buffer as part of this project?
   ☐ Yes ☒ No
   If yes, as part of the PCSM/SR Plan, provide a Buffer Management Plan.
2. Will proposed earth disturbance activities be conducted in an EV or HQ watershed AND within 150 feet of a perennial or intermittent river, stream, or creek, or lake, pond, or reservoir? ☒ Yes ☐ No

   If no, proceed to the next section/module.
3. Does this project qualify for an exception (see § 102.14(d)(1))? ☒ Yes ☐ No

   If yes, indicate below the type of project for which the exception applies by marking the appropriate box.

   ☐ Oil and gas activities for which site reclamation or restoration is part of the permit authorization in Chapter 78 and 78a.

   ☒ Road maintenance activities.

   ☐ The repair or maintenance of existing pipelines and utilities.

   ☐ Other (see §102.14(d)(1))

   If exceptions are checked, explain how existing riparian buffer will be undisturbed to the extent practicable. Provide a demonstration that the requirements of §102.14(b) are met, or provide the necessary information to request a riparian buffer waiver.
4. Are you requesting a riparian buffer waiver for this project (see § 102.14(d)(2))? ☒ Yes ☐ No

   If yes, indicate below the type of project for which you are requesting a waiver by marking the appropriate box.

   ☒ Linear project that may include pipelines, public roadways, rail lines, or utility lines.

   ☒ Project is of a temporary nature where the site will be fully restored to its preexisting conditions during the ESCGP permit term.

   ☒ Project where compliance with mandatory riparian buffers is not appropriate or feasible due to site characteristics or existing structures at the project site.

   ☐ Other (see §102.14(d)(2)):

   If waivers are checked, explain how existing riparian buffers will be undisturbed to the extent practicable.

   Note: If “Yes” to #2 **AND** “No” to #3 and #4, provide an attachment to demonstrate how the requirements of §102.14 are met.

SECTION H. POST CONSTRUCTION STORMWATER MANAGEMENT (PCSM) AND/OR SITE RESTORATION(SR) PLAN

See NOI Instructions for additional guidance with PCSM Plans

PCSM/SR BMPs should be designed to use natural measures to eliminate pollution, infiltrate runoff, not require extensive construction/maintenance, promote pollutant reduction, and preserve the integrity of stream channels. All PCSM/SR BMPs proposed in the PCSM/SR Plan must be designed in accordance with Ch. 102, Ch. 78a for unconventional operations, Ch. 78 for conventional operations and the *Pennsylvania Stormwater Best Management Practices Manual (Stormwater BMP Manual)* (363-0300-002). If alternate design criteria are utilized for the proposed project, they must have prior approval by the Department, or the NOI Application will be returned to the Applicant.

After construction is completed, how much of the entire disturbed area will be restored to meadow in good condition or better, or existing conditions? ☐ All ☒ Partial ☐ None

Include PCSM narrative and drawings for remaining impervious area. Also include a map showing the proposed contours of the site restoration plan.

If there are additional stages of the project prior to permit termination or expiration, list the stages and provide the documents required by subsection 'a' to section 'g' for each stage (e.g. partial restoration or changes to the amount of compacted areas, gravel, and/or impervious areas). Upload a narrative for each additional stage in addition to the drawings.

EXAMPLE

Stage No	Stage Name	PCSM Plan	SR Plan
Stage 1		☐	☐
Stage 2		☐	☐
Stage 3		☐	☐
Stage 4		☐	☐

Act 167 Consistency. Check those that apply.

Is there an Act 167 Plan? ☒ Yes ☐ No

☒ The attached PCSM/SR Plan is consistent with an applicable approved Act 167 Plan.

Complete the following for all approved Act 167 Stormwater Management Plans. (Use additional sheets if necessary)

Act 167 Plan Name	Date Adopted	Consistency Letter Included	
Luzerne County Stormwater Management Ordinance	August 18, 2010	Verification Report Included	☒
Valley Creek Watershed Stormwater Management Plan	February 04, 2011		

Note: A consistency letter is not required if a verification report is provided. See NOI Instructions. The PCSM/SR Plan must satisfy either sub paragraph 1, 2, or 3 below. Check those that apply.

1. ☒ Act 167 Plan approvals on or after January 2005 – The attached PCSM/SR Plan, in its entirety, is consistent with all requirements pertaining to rate, volume, and water quality from an Act 167 Stormwater Management Plan approved by DEP on or after January 2005. Box 1 must be checked if a current, DEP approved Act 167 plan exists.

2. ☒ The PCSM/SR Plan meets the standard design criteria from sections 102.8(g)(2) and (3) and the *Stormwater BMP Manual*. For projects involving oil and gas activities authorized by a permit issued under Chapter 78 or Chapter 78a (well pads) or pipelines and other similar utility infrastructure, post construction stormwater management requirements are met for all areas that are restored to preconstruction conditions or to a condition of meadow in good condition or better. *[Note: PCSM plans must meet both the volume and rate requirements in the regulations, which are provided in the 2 sections mentioned in this paragraph].*

3. ☐ Alternative Design Standard – The attached PCSM/SR Plan was developed using approaches as provided in 102.8(g)(2)(iv) and 102.8(g)(3)(iii). Demonstrate/explain in the space provided below how this standard will be either more protective than what is required in 102.8(g)(2) and 102.8(g)(3) or will maintain and protect existing water quality and existing and designated uses.

PCSM/SR BMP Alternative Standards:

Has the alternative BMP or design standard been approved by the Department?

☐ Yes

☐ No – Do not submit the ESCGP-3 application and see Section (H) of the NOI Instructions concerning the alternative BMP approval process.

Water Quality Compliance:

Does the PCSM/SR plan comply with requirements for volume control? ☒ Yes ☐ No

If yes, is at least 90% of the disturbed area controlled by a PCSM BMP? ☒ Yes ☐ No

If yes, do you have the Standard PCSM Worksheet # 10 attached to show water quality compliance has achieved?
☒ Yes ☐ No

If no, attach Standard PCSM Worksheets # 12 and #13 to show water quality compliance has achieved.

If PCSM/SR plan is not complying with the requirements for volume control, attach Standard PCSM Worksheets # 11, # 12 and #13 to show water quality compliance has achieved.

a. PCSM/SR Plan Summary

Provide a summary of proposed BMPs and their performance to manage PCSM/SR for the project.

Along the pipeline Right-Of-Way, typical E&S BMPs such as waterbars and erosion control blanket will be left in place as part of site restoration. After construction activities are completed, temporary workspaces will be restored to meadow in good condition or better than existing conditions. For the aboveground facilities, PCSM BMPs such as infiltration basins, diversion channels and vegetated swales will be used and left in place as part of site restoration. Additional information regarding all the proposed BMPs are provided in the Post-Construction Stormwater Management Plans of respective project components (Section 3 of this ESCGP-3 Application).

Check all that apply ☒ PCSM BMPs ☒ SR BMPs

b. Do you have any information regarding riparian buffer which differs from what was submitted in the Section G, Riparian Buffer?

☐ Yes ☒ No

Explain:

c. Thermal Impacts Analysis

Explain how thermal impacts associated with this project were avoided, minimized, or mitigated.

Runoff collected in PCSM BMPS such as infiltration basins will mitigate thermal impacts from post construction stormwater. Runoff collected in infiltration basins are discharged to receiving waters are not expected to be retained for more than 24 hours. Minimum permanent changes in land cover are being proposed for constructing the pipeline facilities. Gravel will be used for access roads wherever practicable. Removal of trees and riparian vegetation and addition of impervious surfaces will be limited to only that necessary for construction. Once construction activities are complete, disturbed areas will be restored to pre-construction contours and seeded as described in Erosion and Sedimental Control and Site Restoration Plans. Temporary workspaces will be restored back with woody and herbaceous species. Thermal impacts assessments correspoding to each project component including pipelines and aboveground facilities are given in Section 2 and 3 of this ESCGP-3 Application.

d. Off-Site Discharge Analysis.

Does the activity propose any off-site discharges to areas other than surface waters? ☒ Yes ☐ No

If yes, it is the applicant's responsibility to ensure that they have legal authority for any off-site discharge to neighboring properties.

The Applicant must provide a demonstration in both the E&S and PCSM/SR Plans that the discharge will not cause erosion, damage, or a nuisance to off-site properties.

See Offsite Discharge Analysis Sections in PCSM Narratives

NOI Section H. POST CONSTRUCTION STORMWATER MANAGEMENT (PCSM) PLANS

Summary Calculations of Post Construction Stormwater BMPs

1. Regional Energy Lateral Pipeline - MLV-515RA20
2. Regional Energy Lateral Pipeline - MLV-515RA30
3. Regional Energy Lateral Pipeline - Carverton Tie-in
4. Regional Energy Lateral Pipeline - Lower Demunds REL Tie-in
5. Regional Energy Lateral Pipeline – Hildebrandt Tie-in/MLV-515RA40
6. Effort Loop Pipeline - MLV-505LD86
7. Compressor Station 200
8. Compressor Station 515

NOTICE OF INTENT (NOI) FOR COVERAGE UNDER THE EROSION AND SEDIMENT CONTROL GENERAL PERMIT (ESCGP-3) FOR EARTH DISTURBANCE ASSOCIATED WITH OIL AND GAS EXPLORATION, PRODUCTION, PROCESSING, OR TREATMENT OPERATIONS OR TRANSMISSION FACILITIES

TABLES IN ADDENDUM OF NOI

SECTION H. POST CONSTRUCTION STORMWATER MANAGEMENT (PLAN) BMPs

Regional Energy Lateral Pipeline - MLV-515RA20 - Zenker Valve Yard

e. Summary Table for Supporting Calculation and Measurement Data
(See NOI Instructions for additional guidance with this section)

The remainder of this section (Summary Table for Calculation and Measurement Data) does not need to be completed for areas of projects involving oil and gas activities authorized by Chapter 78 or Chapter 78a (well pads) or pipelines and other similar utility infrastructure which will be restored to meadow in good condition or better or existing conditions.

Watershed Name: Mill Creek

Volume Control design storm frequency 2-year Rainfall amount 2.95 inches	Pre-construction	Post Construction	Net Change
Impervious area (acres)	0.00	0.19	+0.19
Volume of stormwater runoff (acre-feet) without planned stormwater BMPs	0.04	0.06	+0.02
Volume of stormwater runoff (acre-feet) with planned stormwater BMPs		0.03	-0.01
Stormwater discharge rate for the design frequency storm	Pre-construction	Post Construction	Net Change
1) 2-Year/24-Hour	3.51	3.22	-0.29
2) 10-Year/24-Hour	6.82	6.17	-0.65
3) 50-year/24-Hour	11.88	11.12	-0.76
4) 100-year/24-Hour	14.91	14.91	-0.00

f. Summary Description of PCSM/SR BMPs

In the lists below, check the BMPs identified in the PCSM Plan. The primary function(s) of the BMP listed in the functions column (infiltration/recharge; detention/retention; water quality). Additional functions may be added if applicable to that BMP. List the stormwater volume and area of runoff to be treated by each BMP type when calculations are required. If any BMP in the PCSM/SR Plan is not listed below, describe it in the space provided after "Other". A summary table with infiltration testing information (Attachment E, included in the NOI Instructions) must be submitted for all Bio-infiltration BMPs included in PCSM/SR plan.

For Rate control provide the volume of stormwater treated and acres treated for the 100-year/24-hour storm event.

For volume control and water quality provide the volume of stormwater treated and acres treated for the 2-year/24-hour storm event.

Key for BMP purpose(s): VC = Volume Control; RC = Rate Control; and WQ = Water Quality

BMP	Function(s)	Purpose(s)	Volume of stormwater treated	Acres treated
Site Restoration ONLY				
☐ Restore Site to Meadow in Good Condition or Better, or Existing Conditions	Infiltration/Recharge Detention/WQ Treatment	☐ VC ☐ RC ☐ WQ	_____	_____
Bio-infiltration areas	Infiltration/Recharge			
☐ Infiltration Trench		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Infiltration Bed		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Infiltration Basin		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Rain Garden/ Bioretention		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Infiltration Berm				
☐ Vegetated Swale		☐ VC ☐ RC ☐ WQ	_____	_____
Natural Area Conservation	Infiltration/Recharge			
☐ Streamside Buffer Zone		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Wetland Buffer Zone		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Sensitive Area Buffer Zone		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Pre-Construction Drainage Pattern Intact		☐ VC ☐ RC ☐ WQ	_____	_____
Stormwater Retention	Detention/Retention			
☐ Constructed Wetlands		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Wet Ponds		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Retention Basin		☐ VC ☐ RC ☐ WQ	_____	_____
Sediment and Pollutant Removal	Water Quality Treatment			
☐ Vegetated Filter Strips		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Compost Filter Sock		☐ VC ☐ RC ☐ WQ	_____	_____
☒ Detention Basins		☒ VC ☒ RC ☒ WQ	1,396cf(2-yr); 6,186cf(100-yr)	0.28
Access Road Design	Infiltration/Recharge			
☐ Road Crowning		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Ditches		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Turnouts		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Culverts		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Roadside Vegetated Filter Strips		☐ VC ☐ RC ☐ WQ	_____	_____

Stormwater Energy Dissipaters	Infiltration/Recharge			
☐ Level Spreaders		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Riprap Aprons		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Upslope Diversions		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Other_____		☐ VC ☐ RC ☐ WQ	_____	_____

g. Critical PCSM Plan stages

Identify and list critical stages of implementation of the PCSM Plan for which a licensed professional or designee shall be present on site.

1. Upon commencement of construction activities to ascertain the Dry Extended Detention Basin area has been flagged and fence erected to prevent access to the area.

2. At completion of Diversion Channels to ensure they have been constructed to the proposed lines and grades, the specified lining materials have been installed in accordance with the requirements of the plans and specifications, and if applicable, vegetation has been established.

3. At the beginning of construction of the Dry Extended Detention Basin to ensure the infiltration area has not been compacted by construction activities.

4. During construction of the Dry Extended Detention Basin the licensed professional will observe that the BMP is constructed in accordance with the plans and specifications.

5. At completion of Collection Channel C1 to ensure it has been constructed to the proposed line and grade, the specified lining material has been installed in accordance with the requirements of the plans and specifications, and if applicable, vegetation has been established.

6. Following installation of the Valve Yard Pad subgrade to ensure stormwater flow is directed to Collection Channel C1.

7. For final inspection of constructed BMPs.

8. At the establishment of hard surface stabilization or 70% vegetation covers to allow removal of E&S controls.

NOTICE OF INTENT (NOI) FOR COVERAGE UNDER THE EROSION AND SEDIMENT CONTROL GENERAL PERMIT (ESCGP-3) FOR EARTH DISTURBANCE ASSOCIATED WITH OIL AND GAS EXPLORATION, PRODUCTION, PROCESSING, OR TREATMENT OPERATIONS OR TRANSMISSION FACILITIES

TABLES IN ADDENDUM OF NOI

SECTION H. POST CONSTRUCTION STORMWATER MANAGEMENT (PLAN) BMPs

Regional Energy Lateral Pipeline - MLV-515RA30 - Wyoming Valve Yard

b. Summary Table for Supporting Calculation and Measurement Data

(See NOI Instructions for additional guidance with this section)

The remainder of this section (Summary Table for Calculation and Measurement Data) does not need to be completed for areas of projects involving oil and gas activities authorized by Chapter 78 or Chapter 78a (well pads) or pipelines and other similar utility infrastructure which will be restored to meadow in good condition or better or existing conditions.

Watershed Name: Susquehanna-Solomon Creek

Volume Control design storm frequency 2-year Rainfall amount 2.57 inches	Pre-construction	Post Construction	Net Change
Impervious area (acres)	0.00	0.24	+0.24
Volume of stormwater runoff (acre-feet) without planned stormwater BMPs	0.03	0.06	+0.03
Volume of stormwater runoff (acre-feet) with planned stormwater BMPs	[redacted]	0.03	-0.00
Stormwater discharge rate for the design frequency storm	Pre-construction	Post Construction	Net Change
1) 2-Year/24-Hour	0.22	0.02	-0.20
2) 10-Year/24-Hour	0.68	0.03	-0.65
3) 50-year/24-Hour	1.52	0.06	-1.46
4) 100-year/24-Hour	2.06	0.07	-1.99

c. Summary Description of PCSM/SR BMPs

In the lists below, check the BMPs identified in the PCSM Plan. The primary function(s) of the BMP listed in the functions column (infiltration/recharge; detention/retention; water quality). Additional functions may be added if applicable to that BMP. List the stormwater volume and area of runoff to be treated by each BMP type when calculations are required. If any BMP in the PCSM/SR Plan is not listed below, describe it in the space provided after "Other". A summary table with infiltration testing information (Attachment E, included in the NOI Instructions) must be submitted for all Bio-infiltration BMPs included in PCSM/SR plan.

For Rate control provide the volume of stormwater treated and acres treated for the 100-year/24-hour storm event.

For volume control and water quality provide the volume of stormwater treated and acres treated for the 2-year/24-hour storm event.

Key for BMP purpose(s): VC = Volume Control; RC = Rate Control; and WQ = Water Quality

BMP	Function(s)	Purpose(s)	Volume of stormwater treated	Acres treated
Site Restoration ONLY				
☐ Restore Site to Meadow in Good Condition or Better, or Existing Conditions	Infiltration/Recharge Detention/WQ Treatment	☐ VC ☐ RC ☐ WQ	_____	_____
Bio-infiltration areas	Infiltration/Recharge			
☐ Infiltration Trench		☐ VC ☐ RC ☐ WQ	_____	_____
☒ Infiltration Bed		☒ VC ☒ RC ☒ WQ	451cf(2-yr); 2,511cf(100-yr)	0.21
☐ Infiltration Basin		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Rain Garden/ Bioretention		☐ VC ☐ RC ☐ WQ	_____	
☐ Infiltration Berm		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Soil Amendment		☐ VC ☐ RC ☐ WQ	_____	_____
Natural Area Conservation	Infiltration/Recharge			
☐ Streamside Buffer Zone		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Wetland Buffer Zone		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Sensitive Area Buffer Zone		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Pre-Construction Drainage Pattern Intact		☐ VC ☐ RC ☐ WQ	_____	_____
Stormwater Retention	Detention/Retention			
☐ Constructed Wetlands		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Wet Ponds		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Retention Basin		☐ VC ☐ RC ☐ WQ	_____	_____
Sediment and Pollutant Removal	Water Quality Treatment			
☐ Vegetated Filter Strips		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Compost Filter Sock		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Detention Basins		☐ VC ☐ RC ☐ WQ	_____	_____
Access Road Design	Infiltration/Recharge			
☐ Road Crowning		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Ditches		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Turnouts		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Culverts		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Roadside Vegetated Filter Strips		☐ VC ☐ RC ☐ WQ	_____	_____

Stormwater Energy Dissipaters ☐ Level Spreaders ☐ Riprap Aprons ☐ Upslope Diversions ☒ OtherVegetated Swale	Infiltration/Recharge	☐ VC ☐ RC ☐ WQ ☐ VC ☐ RC ☐ WQ ☐ VC ☐ RC ☐ WQ ☒ VC ☒ RC ☒ WQ	_____ _____ _____ 1,009cf(2-yr); 4,264cf(100-yr)	_____ _____ _____ 0.49

d. Critical PCSM Plan stages

Identify and list critical stages of implementation of the PCSM Plan for which a licensed professional or designee shall be present on site.

1. Upon commencement of construction activities to ascertain the Vegetated Swale area has been flagged and fence erected to prevent access to the area.
2. At the beginning of construction of the Vegetated Swale to ensure the infiltration area has not been compacted by construction activities.
3. During construction of the Vegetated Swale the licensed professional will observe that the BMP is constructed in accordance with the plans and specifications.
4. At completion of Collection Channel C1 to ensure it has been constructed to the proposed line and grade, the specified lining material has been installed in accordance with the requirements of the plans and specifications, and if applicable, vegetation has been established.
5. Following installation of the Valve Yard Pad subgrade to ensure stormwater flow is directed to the infiltration berm.
6. For final inspection of constructed BMPs.
7. At the establishment of hard surface stabilization or 70% vegetation covers to allow removal of E&S controls.

NOTICE OF INTENT (NOI) FOR COVERAGE UNDER THE EROSION AND SEDIMENT CONTROL GENERAL PERMIT (ESCGP-3) FOR EARTH DISTURBANCE ASSOCIATED WITH OIL AND GAS EXPLORATION, PRODUCTION, PROCESSING, OR TREATMENT OPERATIONS OR TRANSMISSION FACILITIES

TABLES IN ADDENDUM OF NOI

SECTION H. POST CONSTRUCTION STORMWATER MANAGEMENT (PLAN) BMPs

Regional Energy Lateral Pipeline - Carverton Tie-In

b. Summary Table for Supporting Calculation and Measurement Data

(See NOI Instructions for additional guidance with this section)

The remainder of this section (Summary Table for Calculation and Measurement Data) does not need to be completed for areas of projects involving oil and gas activities authorized by Chapter 78 or Chapter 78a (well pads) or pipelines and other similar utility infrastructure which will be restored to meadow in good condition or better or existing conditions.

Watershed Name: Abrahams Creek

Volume Control design storm frequency 2-year Rainfall amount 2.61 inches	Pre-construction	Post Construction	Net Change
Impervious area (acres)	0.03	0.11	+0.08
Volume of stormwater runoff (acre-feet) without planned stormwater BMPs	0.02	0.03	+0.01
Volume of stormwater runoff (acre-feet) with planned stormwater BMPs	[redacted]	0.00	-0.02
Stormwater discharge rate for the design frequency storm	Pre-construction	Post Construction	Net Change
1) 2-Year/24-Hour	0.46	0.00	-0.46
2) 10-Year/24-Hour	0.91	0.00	-0.91
3) 50-year/24-Hour	1.61	0.00	-1.61
4) 100-year/24-Hour	2.01	0.00	-2.01

c. Summary Description of PCSM/SR BMPs

In the lists below, check the BMPs identified in the PCSM Plan. The primary function(s) of the BMP listed in the functions column (infiltration/recharge; detention/retention; water quality). Additional functions may be added if applicable to that BMP. List the stormwater volume and area of runoff to be treated by each BMP type when calculations are required. If any BMP in the PCSM/SR Plan is not listed below, describe it in the space provided after "Other". A summary table with infiltration testing information (Attachment E, included in the NOI Instructions) must be submitted for all Bio-infiltration BMPs included in PCSM/SR plan.

For Rate control provide the volume of stormwater treated and acres treated for the 100-year/24-hour storm event.

For volume control and water quality provide the volume of stormwater treated and acres treated for the 2-year/24-hour storm event.

Key for BMP purpose(s): VC = Volume Control; RC = Rate Control; and WQ = Water Quality

BMP	Function(s)	Purpose(s)	Volume of stormwater treated	Acres treated
Site Restoration ONLY				
☐ Restore Site to Meadow in Good Condition or Better, or Existing Conditions	Infiltration/Recharge Detention/WQ Treatment	☐ VC ☐ RC ☐ WQ	_____	_____
Bio-infiltration areas	Infiltration/Recharge			
☐ Infiltration Trench		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Infiltration Bed		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Infiltration Basin		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Rain Garden/ Bioretention		☐ VC ☐ RC ☐ WQ	_____	
☒ Infiltration Berm		☒ VC ☒ RC ☒ WQ	1,280cf (2-yr); 4,445cf(100-yr)	0.26
Natural Area Conservation	Infiltration/Recharge			
☐ Streamside Buffer Zone		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Wetland Buffer Zone		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Sensitive Area Buffer Zone		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Pre-Construction Drainage Pattern Intact		☐ VC ☐ RC ☐ WQ	_____	_____
Stormwater Retention	Detention/Retention			
☐ Constructed Wetlands		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Wet Ponds		☒ VC ☒ RC ☒ WQ	_____	_____
☐ Retention Basin		☐ VC ☐ RC ☐ WQ	_____	_____
Sediment and Pollutant Removal	Water Quality Treatment			
☐ Vegetated Filter Strips		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Compost Filter Sock		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Detention Basins		☐ VC ☐ RC ☐ WQ	_____	_____
Access Road Design	Infiltration/Recharge			
☐ Road Crowning		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Ditches		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Turnouts		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Culverts		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Roadside Vegetated Filter Strips		☐ VC ☐ RC ☐ WQ	_____	_____

Stormwater Energy Dissipaters	Infiltration/Recharge			
☐ Level Spreaders		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Riprap Aprons		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Upslope Diversions		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Other_____		☐ VC ☐ RC ☐ WQ	_____	_____

d. Critical PCSM Plan stages

Identify and list critical stages of implementation of the PCSM Plan for which a licensed professional or designee shall be present on site.

1. At the beginning of construction to ascertain the Infiltration Berm area has been flagged and fence erected to prevent access to the area.
2. Following installation of the Valve Yard Pad subgrade to ensure stormwater flow is directed to the infiltration berm.
3. At the beginning of construction of the Infiltration Berm to ensure the infiltration area has not been compacted by construction activities.
4. During construction of the infiltration berm the licensed professional will observe that the berm is constructed in accordance with the plans and specifications.
5. For final inspection of constructed BMPs.
6. At the establishment of hard surface stabilization or 70% vegetation covers to allow removal of E&S controls.

NOTICE OF INTENT (NOI) FOR COVERAGE UNDER THE EROSION AND SEDIMENT CONTROL GENERAL PERMIT (ESCGP-3) FOR EARTH DISTURBANCE ASSOCIATED WITH OIL AND GAS EXPLORATION, PRODUCTION, PROCESSING, OR TREATMENT OPERATIONS OR TRANSMISSION FACILITIES

TABLES IN ADDENDUM OF NOI

SECTION H. POST CONSTRUCTION STORMWATER MANAGEMENT (PLAN) BMPs

Regional Energy Lateral Pipeline - Lower Demunds REL Tie-In

b. Summary Table for Supporting Calculation and Measurement Data

(See NOI Instructions for additional guidance with this section)

The remainder of this section (Summary Table for Calculation and Measurement Data) does not need to be completed for areas of projects involving oil and gas activities authorized by Chapter 78 or Chapter 78a (well pads) or pipelines and other similar utility infrastructure which will be restored to meadow in good condition or better or existing conditions.

Watershed Name: Toby Creek

Volume Control design storm frequency 2-year Rainfall amount 3.40 inches	Pre-construction	Post Construction	Net Change
Impervious area (acres)	0.00	0.12	+0.12
Volume of stormwater runoff (acre-feet) without planned stormwater BMPs	0.02	0.04	+0.02
Volume of stormwater runoff (acre-feet) with planned stormwater BMPs		0.01	-0.01
Stormwater discharge rate for the design frequency storm	Pre-construction	Post Construction	Net Change
1) 2-Year/24-Hour	0.20	0.00	-0.20
2) 10-Year/24-Hour	0.40	0.00	-0.40
3) 50-year/24-Hour	0.71	0.20	-0.51
4) 100-year/24-Hour	0.89	0.51	-0.38

c. Summary Description of PCSM/SR BMPs

In the lists below, check the BMPs identified in the PCSM Plan. The primary function(s) of the BMP listed in the functions column (infiltration/recharge; detention/retention; water quality). Additional functions may be added if applicable to that BMP. List the stormwater volume and area of runoff to be treated by each BMP type when calculations are required. If any BMP in the PCSM/SR Plan is not listed below, describe it in the space provided after "Other". A summary table with infiltration testing information (Attachment E, included in the NOI Instructions) must be submitted for all Bio-infiltration BMPs included in PCSM/SR plan.

For Rate control provide the volume of stormwater treated and acres treated for the 100-year/24-hour storm event.

For volume control and water quality provide the volume of stormwater treated and acres treated for the 2-year/24-hour storm event.

Key for BMP purpose(s): VC = Volume Control; RC = Rate Control; and WQ = Water Quality

BMP	Function(s)	Purpose(s)	Volume of stormwater treated	Acres treated
Site Restoration ONLY				
☐ Restore Site to Meadow in Good Condition or Better, or Existing Conditions	Infiltration/Recharge Detention/WQ Treatment	☐ VC ☐ RC ☐ WQ	_____	_____
Bio-infiltration areas	Infiltration/Recharge			
☐ Infiltration Trench		☐ VC ☐ RC ☐ WQ	_____	_____
☒ Infiltration Bed		☒ VC ☒ RC ☒ WQ	1,481cf(2-yr); 4,356cf(100-yr)	0.17
☐ Infiltration Basin		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Rain Garden/ Bioretention		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Infiltration Berm		☐ VC ☐ RC ☐ WQ	_____	_____
Natural Area Conservation	Infiltration/Recharge			
☐ Streamside Buffer Zone		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Wetland Buffer Zone		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Sensitive Area Buffer Zone		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Pre-Construction Drainage Pattern Intact		☐ VC ☐ RC ☐ WQ	_____	_____
Stormwater Retention	Detention/Retention			
☐ Constructed Wetlands		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Wet Ponds		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Retention Basin		☐ VC ☐ RC ☐ WQ	_____	_____
Sediment and Pollutant Removal	Water Quality Treatment			
☐ Vegetated Filter Strips		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Compost Filter Sock		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Detention Basins		☐ VC ☐ RC ☐ WQ	_____	_____
Access Road Design	Infiltration/Recharge			
☐ Road Crowning		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Ditches		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Turnouts		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Culverts		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Roadside Vegetated Filter Strips		☐ VC ☐ RC ☐ WQ	_____	_____

Stormwater Energy Dissipaters ☐ Level Spreaders ☐ Riprap Aprons ☐ Upslope Diversions ☐ Other_____	Infiltration/Recharge	 ☐ VC ☐ RC ☐ WQ ☐ VC ☐ RC ☐ WQ ☐ VC ☐ RC ☐ WQ ☐ VC ☐ RC ☐ WQ	 _____ _____ _____ _____	 _____ _____ _____ _____

d. Critical PCSM Plan stages

Identify and list critical stages of implementation of the PCSM Plan for which a licensed professional or designee shall be present on site.

1. Upon commencement of construction activities to ascertain the Valve Yard Pad area has been flagged and fence erected to prevent access to the area.
2. At completion of Diversion Berm/Channel to ensure it has been constructed to the proposed lines and grades, the specified lining materials have been installed in accordance with the requirements of the plans and specifications, and if applicable, vegetation has been established.
3. At the beginning of construction of the Valve Yard Pad to ensure the infiltration area has not been compacted by construction activities.
4. During construction of the Valve Yard Pad the licensed professional will observe that the BMP is constructed in accordance with the plans and specifications.
5. Following installation of the Valve Yard Pad subgrade to ensure stormwater flow is directed to the outlet structure.
6. For final inspection of constructed BMPs.
7. At the establishment of hard surface stabilization or 70% vegetation covers to allow removal of E&S controls.

NOTICE OF INTENT (NOI) FOR COVERAGE UNDER THE EROSION AND SEDIMENT CONTROL GENERAL PERMIT (ESCGP-3) FOR EARTH DISTURBANCE ASSOCIATED WITH OIL AND GAS EXPLORATION, PRODUCTION, PROCESSING, OR TREATMENT OPERATIONS OR TRANSMISSION FACILITIES

TABLES IN ADDENDUM OF NOI

SECTION H. POST CONSTRUCTION STORMWATER MANAGEMENT (PLAN) BMPs

Regional Energy Lateral Pipeline – MLV-515RA40-Hildebrandt Tie-In

b. Summary Table for Supporting Calculation and Measurement Data

(See NOI Instructions for additional guidance with this section)

The remainder of this section (Summary Table for Calculation and Measurement Data) does not need to be completed for areas of projects involving oil and gas activities authorized by Chapter 78 or Chapter 78a (well pads) or pipelines and other similar utility infrastructure which will be restored to meadow in good condition or better or existing conditions.

Watershed Name: Toby Creek

Volume Control design storm frequency 2-year Rainfall amount 3.40 inches	Pre-construction	Post Construction	Net Change
Impervious area (acres)	0.0	0.22	+0.22
Volume of stormwater runoff (acre-feet) without planned stormwater BMPs	0.03	0.07	+0.04
Volume of stormwater runoff (acre-feet) with planned stormwater BMPs	[redacted]	0.01	-0.02
Stormwater discharge rate for the design frequency storm	Pre-construction	Post Construction	Net Change
1) 2-Year/24-Hour	0.34	0.20	-0.14
2) 10-Year/24-Hour	0.67	0.38	-0.29
3) 50-year/24-Hour	1.20	0.65	-0.55
4) 100-year/24-Hour	1.52	0.80	-0.72

c. Summary Description of PCSM/SR BMPs

In the lists below, check the BMPs identified in the PCSM Plan. The primary function(s) of the BMP listed in the functions column (infiltration/recharge; detention/retention; water quality). Additional functions may be added if applicable to that BMP. List the stormwater volume and area of runoff to be treated by each BMP type when calculations are required. If any BMP in the PCSM/SR Plan is not listed below, describe it in the space provided after "Other". A summary table with infiltration testing information (Attachment E, included in the NOI Instructions) must be submitted for all Bio-infiltration BMPs included in PCSM/SR plan.

For Rate control provide the volume of stormwater treated and acres treated for the 100-year/24-hour storm event.

For volume control and water quality provide the volume of stormwater treated and acres treated for the 2-year/24-hour storm event.

Key for BMP purpose(s): VC = Volume Control; RC = Rate Control; and WQ = Water Quality

BMP	Function(s)	Purpose(s)	Volume of stormwater treated	Acres treated
Site Restoration ONLY				
☐ Restore Site to Meadow in Good Condition or Better, or Existing Conditions	Infiltration/Recharge Detention/WQ Treatment	☐ VC ☐ RC ☐ WQ	_____	_____
Bio-infiltration areas	Infiltration/Recharge			
☐ Infiltration Trench		☐ VC ☐ RC ☐ WQ	_____	_____
☒ Infiltration Bed		☒ VC ☒ RC ☒ WQ	2,265cf(2-yr); 5,881cf(100-yr)	0.21
☐ Infiltration Basin		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Rain Garden/ Bioretention		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Infiltration Berm				
☐ Vegetated Swale		☐ VC ☐ RC ☐ WQ	_____	_____
Natural Area Conservation	Infiltration/Recharge			
☐ Streamside Buffer Zone		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Wetland Buffer Zone		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Sensitive Area Buffer Zone		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Pre-Construction Drainage Pattern Intact		☐ VC ☐ RC ☐ WQ	_____	_____
Stormwater Retention	Detention/Retention			
☐ Constructed Wetlands		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Wet Ponds		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Retention Basin		☐ VC ☐ RC ☐ WQ	_____	_____
Sediment and Pollutant Removal	Water Quality Treatment			
☐ Vegetated Filter Strips		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Compost Filter Sock		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Detention Basins		☐ VC ☐ RC ☐ WQ	_____	_____
Access Road Design	Infiltration/Recharge			
☐ Road Crowning		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Ditches		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Turnouts		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Culverts		☐ VC ☐ RC ☐ WQ	_____	_____

☐ Roadside Vegetated Filter Strips		☐ VC ☐ RC ☐ WQ	_____	_____
Stormwater Energy Dissipaters	Infiltration/Recharge			
☐ Level Spreaders		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Riprap Aprons		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Upslope Diversions		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Other_____		☐ VC ☐ RC ☐ WQ	_____	_____

d. Critical PCSM Plan stages

Identify and list critical stages of implementation of the PCSM Plan for which a licensed professional or designee shall be present on site.

1. Upon commencement of construction activities to ascertain the Valve Yard Pad area has been flagged and fence erected to prevent access to the area.
2. At completion of Diversion Channel to ensure it has been constructed to the proposed lines and grades, the specified lining materials have been installed in accordance with the requirements of the plans and specifications, and if applicable, vegetation has been established.
3. At the beginning of construction of the Valve Yard Pad to ensure the infiltration area has not been compacted by construction activities.
4. During construction of the Valve Yard Pad the licensed professional will observe that the BMP is constructed in accordance with the plans and specifications.
5. Following installation of the Valve Yard Pad subgrade to ensure stormwater flow is directed to the outlet structure.
6. For final inspection of constructed BMPs.
7. At the establishment of hard surface stabilization or 70% vegetation covers to allow removal of E&S controls.

NOTICE OF INTENT (NOI) FOR COVERAGE UNDER THE EROSION AND SEDIMENT CONTROL GENERAL PERMIT (ESCGP-3) FOR EARTH DISTURBANCE ASSOCIATED WITH OIL AND GAS EXPLORATION, PRODUCTION, PROCESSING, OR TREATMENT OPERATIONS OR TRANSMISSION FACILITIES

TABLES IN ADDENDUM OF NOI

SECTION H. POST CONSTRUCTION STORMWATER MANAGEMENT (PLAN) BMPs

Effort Loop Pipeline-MLV-505LD86 Sugar Hollow Valve Yard

b. Summary Table for Supporting Calculation and Measurement Data

(See NOI Instructions for additional guidance with this section)

The remainder of this section (Summary Table for Calculation and Measurement Data) does not need to be completed for areas of projects involving oil and gas activities authorized by Chapter 78 or Chapter 78a (well pads) or pipelines and other similar utility infrastructure which will be restored to meadow in good condition or better or existing conditions.

Watershed Name: Pohopoco Creek

Volume Control design storm frequency 2-year Rainfall amount 3.26 inches	Pre-construction	Post Construction	Net Change
Impervious area (acres)	0.09	0.62	+0.53
Volume of stormwater runoff (acre-feet) without planned stormwater BMPs	0.35	0.44	+0.09
Volume of stormwater runoff (acre-feet) with planned stormwater BMPs	[redacted]	0.28	-0.07
Stormwater discharge rate for the design frequency storm DA-1	Pre-construction	Post Construction	Net Change
1) 2-Year/24-Hour	0.01	0.01	-0.00
2) 10-Year/24-Hour	0.37	0.31	-0.06
3) 50-year/24-Hour	5.89	4.21	-1.68
4) 100-year/24-Hour	11.47	8.28	-3.19
Stormwater discharge rate for the design frequency storm DA-2	Pre-construction	Post Construction	Net Change
1) 2-Year/24-Hour	4.51	3.97	-0.54
2) 10-Year/24-Hour	12.49	12.28	-0.21
3) 50-year/24-Hour	26.58	24.35	-2.23
4) 100-year/24-Hour	35.41	31.74	-3.67

c. Summary Description of PCSM/SR BMPs

In the lists below, check the BMPs identified in the PCSM Plan. The primary function(s) of the BMP listed in the functions column (infiltration/recharge; detention/retention; water quality). Additional functions may be added if applicable to that BMP. List the stormwater volume and area of runoff to be treated by each BMP type when calculations are required. If any BMP in the PCSM/SR Plan is not listed below, describe it in the space provided after "Other". A summary table with infiltration testing information (Attachment E, included in the NOI Instructions) must be submitted for all Bio-infiltration BMPs included in PCSM/SR plan.

For Rate control provide the volume of stormwater treated and acres treated for the 100-year/24-hour storm event.

For volume control and water quality provide the volume of stormwater treated and acres treated for the 2-year/24-hour storm event.

Key for BMP purpose(s): VC = Volume Control; RC = Rate Control; and WQ = Water Quality

BMP	Function(s)	Purpose(s)	Volume of stormwater treated	Acres treated
Site Restoration ONLY				
☐ Restore Site to Meadow in Good Condition or Better, or Existing Conditions	Infiltration/Recharge Detention/WQ Treatment	☐ VC ☐ RC ☐ WQ	_____	_____
Bio-infiltration areas	Infiltration/Recharge			
☐ Infiltration Trench		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Infiltration Bed		☐ VC ☐ RC ☐ WQ	_____	_____
☒ Infiltration Basin		☒ VC ☒ RC ☒ WQ	1,123cf(2-yr); 21,318cf(100-yr)	2.85
☐ Rain Garden/ Bioretention		☐ VC ☐ RC ☐ WQ	_____	_____
☒ Infiltration Berm		☒ VC ☒ RC ☒ WQ	5,915cf(2-yr); 26,924cf(100-yr)	1.54
Natural Area Conservation	Infiltration/Recharge			
☐ Streamside Buffer Zone		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Wetland Buffer Zone		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Sensitive Area Buffer Zone		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Pre-Construction Drainage Pattern Intact		☐ VC ☐ RC ☐ WQ	_____	_____
Stormwater Retention	Detention/Retention			
☐ Constructed Wetlands		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Wet Ponds		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Retention Basin		☐ VC ☐ RC ☐ WQ	_____	_____
Sediment and Pollutant Removal	Water Quality Treatment			
☐ Vegetated Filter Strips		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Compost Filter Sock		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Detention Basins		☐ VC ☐ RC ☐ WQ	_____	_____
Access Road Design	Infiltration/Recharge			
☐ Road Crowning		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Ditches		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Turnouts		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Culverts		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Roadside Vegetated Filter Strips		☐ VC ☐ RC ☐ WQ	_____	_____

Stormwater Energy Dissipaters	Infiltration/Recharge			
☐ Level Spreaders		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Riprap Aprons		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Upslope Diversions		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Other_____		☐ VC ☐ RC ☐ WQ	_____	_____

d. Critical PCSM Plan stages

Identify and list critical stages of implementation of the PCSM Plan for which a licensed professional or designee shall be present on site.

1. For the final grading of the access road, ensuring it is constructed according to the plan details for proper conveyance of runoff.
2. Following final grading and seeding of the diversion channels and basin, in order to confirm they have been constructed according to the plan details for proper collection and conveyance of runoff. Periodic assessments will need to be made to ensure accumulated sediment have been cleaned out so the channels and basin maintain the necessary design volumes.
3. During the layout and excavation of the outlet control structure, the professional or delegate will ensure sizing, materials specifications, and construction procedures are followed to enable proper storage in the basin.
4. Following final grading and seeding of the infiltration berm in order to confirm they have been constructed according to the plan details for proper collection, infiltration, and conveyance of runoff. Periodic assessment will need to be made to ensure that accumulated sediment have been cleaned out so the area behind the berm maintains the necessary design volume.
5. For final inspection of constructed channels, basin and berms.
6. At the establishment of hard surface stabilization or 70% vegetation covers to allow removal of E&S controls.

NOTICE OF INTENT (NOI) FOR COVERAGE UNDER THE EROSION AND SEDIMENT CONTROL GENERAL PERMIT (ESCGP-3) FOR EARTH DISTURBANCE ASSOCIATED WITH OIL AND GAS EXPLORATION, PRODUCTION, PROCESSING, OR TREATMENT OPERATIONS OR TRANSMISSION FACILITIES

TABLES IN ADDENDUM OF NOI

SECTION H. POST CONSTRUCTION STORMWATER MANAGEMENT (PLAN) BMPs

Compressor Station 200

b. Summary Table for Supporting Calculation and Measurement Data

(See NOI Instructions for additional guidance with this section)

The remainder of this section (Summary Table for Calculation and Measurement Data) does not need to be completed for areas of projects involving oil and gas activities authorized by Chapter 78 or Chapter 78a (well pads) or pipelines and other similar utility infrastructure which will be restored to meadow in good condition or better or existing conditions.

Watershed Name: Valley Creek

Volume Control design storm frequency 2-year Rainfall amount 3.30 inches	Pre-construction	Post Construction	Net Change
Impervious area (acres)	0.25	0.40	+0.15
Volume of stormwater runoff (acre-feet) without planned stormwater BMPs	0.07	0.11	+0.04
Volume of stormwater runoff (acre-feet) with planned stormwater BMPs	[redacted]	0.07	-0.00
Stormwater discharge rate for the design frequency storm	Pre-construction	Post Construction	Net Change
1) 2-Year/24-Hour	1.03	0.15	-0.88
2) 10-Year/24-Hour	2.06	1.39	-0.67
3) 50-year/24-Hour	3.19	2.79	-0.40
4) 100-year/24-Hour	3.97	3.50	-0.47

c. Summary Description of PCSM/SR BMPs

In the lists below, check the BMPs identified in the PCSM Plan. The primary function(s) of the BMP listed in the functions column (infiltration/recharge; detention/retention; water quality). Additional functions may be added if applicable to that BMP. List the stormwater volume and area of runoff to be treated by each BMP type when calculations are required. If any BMP in the PCSM/SR Plan is not listed below, describe it in the space provided after "Other". A summary table with infiltration testing information (Attachment E, included in the NOI Instructions) must be submitted for all Bio-infiltration BMPs included in PCSM/SR plan.

For Rate control provide the volume of stormwater treated and acres treated for the 100-year/24-hour storm event.

For volume control and water quality provide the volume of stormwater treated and acres treated for the 2-year/24-hour storm event.

Key for BMP purpose(s): VC = Volume Control; RC = Rate Control; and WQ = Water Quality

BMP	Function(s)	Purpose(s)	Volume of stormwater treated	Acres treated
Site Restoration ONLY				
☐ Restore Site to Meadow in Good Condition or Better, or Existing Conditions	Infiltration/Recharge Detention/WQ Treatment	☐ VC ☐ RC ☐ WQ	_____	_____
Bio-infiltration areas	Infiltration/Recharge			
☐ Infiltration Trench		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Infiltration Bed		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Infiltration Basin		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Rain Garden/ Bioretention		☐ VC ☐ RC ☐ WQ	_____	_____
☒ Infiltration Berm		☒ VC ☒ RC ☒ WQ	3,790cf(2-yr); 11,631cf(100-yr)	0.56
Natural Area Conservation	Infiltration/Recharge			
☐ Streamside Buffer Zone		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Wetland Buffer Zone		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Sensitive Area Buffer Zone		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Pre-Construction Drainage Pattern Intact		☐ VC ☐ RC ☐ WQ	_____	_____
Stormwater Retention	Detention/Retention			
☐ Constructed Wetlands		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Wet Ponds		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Retention Basin		☐ VC ☐ RC ☐ WQ	_____	_____
Sediment and Pollutant Removal	Water Quality Treatment			
☐ Vegetated Filter Strips		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Compost Filter Sock		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Detention Basins		☐ VC ☐ RC ☐ WQ	_____	_____
Access Road Design	Infiltration/Recharge			
☐ Road Crowning		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Ditches		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Turnouts		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Culverts		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Roadside Vegetated Filter Strips		☐ VC ☐ RC ☐ WQ	_____	_____

Stormwater Energy Dissipaters ☐ Level Spreaders ☐ Riprap Aprons ☐ Upslope Diversions ☐ Other_____	Infiltration/Recharge	 ☐ VC ☐ RC ☐ WQ ☐ VC ☐ RC ☐ WQ ☐ VC ☐ RC ☐ WQ ☐ VC ☐ RC ☐ WQ	 _____ _____ _____ _____	 _____ _____ _____ _____

d. Critical PCSM Plan stages

Identify and list critical stages of implementation of the PCSM Plan for which a licensed professional or designee shall be present on site.

1. Following final grading and seeding of the infiltration berm in order to confirm it has been constructed according to the plan details for proper collection, infiltration, and conveyance of runoff. Periodic assessments will need to be made to ensure that accumulated sediment should be cleaned out so the channels and berm maintain necessary design volume.
2. For final inspection of constructed BMPs.
3. At the establishment of hard surface stabilization or 70% vegetation covers to allow removal of E & S controls.

NOTICE OF INTENT (NOI) FOR COVERAGE UNDER THE EROSION AND SEDIMENT CONTROL GENERAL PERMIT (ESCGP-3) FOR EARTH DISTURBANCE ASSOCIATED WITH OIL AND GAS EXPLORATION, PRODUCTION, PROCESSING, OR TREATMENT OPERATIONS OR TRANSMISSION FACILITIES

TABLES IN ADDENDUM OF NOI

SECTION H. POST CONSTRUCTION STORMWATER MANAGEMENT (PLAN) BMPs

Compressor Station 515

b. Summary Table for Supporting Calculation and Measurement Data

(See NOI Instructions for additional guidance with this section)

The remainder of this section (Summary Table for Calculation and Measurement Data) does not need to be completed for areas of projects involving oil and gas activities authorized by Chapter 78 or Chapter 78a (well pads) or pipelines and other similar utility infrastructure which will be restored to meadow in good condition or better or existing conditions.

Watershed Name: Bear Creek

Volume Control design storm frequency 2-year Rainfall amount 3.40 inches	Pre-construction	Post Construction	Net Change
Impervious area (acres)	0.34	2.44	+2.10
Volume of stormwater runoff (acre-feet) without planned stormwater BMPs	0.50	0.81	+0.31
Volume of stormwater runoff (acre-feet) with planned stormwater BMPs	[redacted]	0.18	-0.32
Stormwater discharge rate for the design frequency storm	Pre-construction	Post Construction	Net Change
1) 2-Year/24-Hour	5.46	1.76	-3.70
2) 10-Year/24-Hour	10.19	8.30	-1.89
3) 50-year/24-Hour	16.85	9.55	-7.30
4) 100-year/24-Hour	20.81	9.58	-11.23

c. Summary Description of PCSM/SR BMPs

In the lists below, check the BMPs identified in the PCSM Plan. The primary function(s) of the BMP listed in the functions column (infiltration/recharge; detention/retention; water quality). Additional functions may be added if applicable to that BMP. List the stormwater volume and area of runoff to be treated by each BMP type when calculations are required. If any BMP in the PCSM/SR Plan is not listed below, describe it in the space provided after "Other". A summary table with infiltration testing information (Attachment E, included in the NOI Instructions) must be submitted for all Bio-infiltration BMPs included in PCSM/SR plan.

For Rate control provide the volume of stormwater treated and acres treated for the 100-year/24-hour storm event.

For volume control and water quality provide the volume of stormwater treated and acres treated for the 2-year/24-hour storm event.

Key for BMP purpose(s): VC = Volume Control; RC = Rate Control; and WQ = Water Quality

BMP	Function(s)	Purpose(s)	Volume of stormwater treated	Acres treated
Site Restoration ONLY				
☐ Restore Site to Meadow in Good Condition or Better, or Existing Conditions	Infiltration/Recharge Detention/WQ Treatment	☐ VC ☐ RC ☐ WQ	_____	_____
Bio-infiltration areas	Infiltration/Recharge			
☐ Infiltration Trench		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Infiltration Bed		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Infiltration Basin		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Rain Garden/ Bioretention		☐ VC ☐ RC ☐ WQ	_____	_____
☒ Infiltration Berm		☒ VC ☒ RC ☒ WQ	31,799cf(2-yr); 96,268cf(100-yr)	3.83
Natural Area Conservation	Infiltration/Recharge			
☐ Streamside Buffer Zone		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Wetland Buffer Zone		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Sensitive Area Buffer Zone		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Pre-Construction Drainage Pattern Intact		☐ VC ☐ RC ☐ WQ	_____	_____
Stormwater Retention	Detention/Retention			
☐ Constructed Wetlands		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Wet Ponds		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Retention Basin		☐ VC ☐ RC ☐ WQ	_____	_____
Sediment and Pollutant Removal	Water Quality Treatment			
☐ Vegetated Filter Strips		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Compost Filter Sock		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Detention Basins		☐ VC ☐ RC ☐ WQ	_____	_____
Access Road Design	Infiltration/Recharge			
☐ Road Crowning		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Ditches		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Turnouts		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Culverts		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Roadside Vegetated Filter Strips		☐ VC ☐ RC ☐ WQ	_____	_____

Stormwater Energy Dissipaters	Infiltration/Recharge			
☐ Level Spreaders		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Riprap Aprons		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Upslope Diversions		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Other_____		☐ VC ☐ RC ☐ WQ	_____	_____

d. Critical PCSM Plan stages

Identify and list critical stages of implementation of the PCSM Plan for which a licensed professional or designee shall be present on site.

1. Following final grading and seeding of the collection channels and infiltration berm in order to confirm they have been constructed according to the plan details for proper collection, infiltration, and conveyance of runoff. Periodic assessments will need to be made to ensure that accumulated sediment should be cleaned out so the channels and berm maintain necessary design volume.
2. For final inspection of constructed BMPs.
3. At the establishment of hard surface stabilization or 70% vegetation covers to allow removal of E & S controls.

SECTION I. ANTIDEGRADATION ANALYSIS

This section must be completed where earth disturbance activities will be conducted in the watershed of a surface water with an existing or designated use of exceptional value or high quality pursuant to Chapter 93 (relating to water quality standards), projects where any part is located in an exceptional value wetland in accordance with 25 Pa. Code § 105.17, and projects where any part is located in the watershed of an impaired surface water where the cause of impairment is identified as siltation.

Part 1 - NONDISCHARGE ALTERNATIVES EVALUATION

The applicant must consider and describe any and all non-discharge alternatives for the entire project area which are environmentally sound and will**:**

- Minimize accelerated erosion and sedimentation during the earth disturbance activity
- Achieve no net change from pre-development to post-development volume, rate and concentration of pollutants in water quality

E & S Plan	PCSM/SR Plan
Check off the environmentally sound nondischarge Best Management Practices (BMPs) listed below to be used prior to, during, and after earth disturbance activities that have been incorporated into your E & S Plan based on the site analysis. For non-discharge BMPs not checked, provide an explanation of why they were not utilized. Also for BMPs checked, provide an explanation of why they were utilized. (Provide the analysis and attach additional sheets if necessary) See Section 2 of this ESCGP-3 Application	Check off the environmentally sound nondischarge Best Management Practices (BMPs) listed below to be used after construction that have been incorporated into the PCSM/SR Plan based on your site analysis. For non-discharge BMPs not checked, provide an explanation of why they were not utilized. Also for BMPs checked, provide an explanation of why they were utilized. (Provide the analysis and attach additional sheets if necessary) See Section 3 of this ESCGP-3 Application
Nondischarge BMPs ☐ Alternative Siting ☐ Alternative location ☐ Alternative configuration ☐ Alternative location of discharge ☒ Limited Disturbed Area ☐ Limiting Extent & Duration of Disturbance (Phasing, Sequencing) ☐ Riparian Buffers (150 ft. min.) ☐ Riparian Forest Buffer (150 ft. min.) ☐ Other _____	**Nondischarge BMPs** ☐ Alternative Siting ☐ Alternative location ☐ Alternative configuration ☐ Alternative location of discharge ☐ Low Impact Development (LID / BSD) ☐ Riparian Buffers (150 ft. min.) ☐ Riparian Forest Buffer (150 ft. min.) ☒ Infiltration ☐ Water Reuse ☐ Other _____
Will the non-discharge alternative BMPs eliminate the net change in rate, volume and quality during construction? ☐ Yes ☒ No If yes, antidegradation analysis is complete. If no, proceed to Part 2.	Will the non-discharge alternative BMPs eliminate the net change in rate, volume and quality after construction? ☐ Yes ☒ No If yes, antidegradation analysis is complete. If no, proceed to Part 2.

PART 2 - ANTIDEGRADATION BEST AVAILABLE COMBINATION OF TECHNOLOGIES (ABACT)

If the net change in stormwater discharge from or after construction is not fully managed by nondischarge BMPs, the applicant must utilize ABACT BMPs to manage the difference. The Applicant must specify whether the discharge will occur during construction, post-construction or both, and identify the technologies that will be used to ensure that the discharge will be a non-degrading discharge. ABACT BMPs include but are not limited to:

E & S Plan	PCSM/SR Plan
☒ **Treatment BMPs:** ☐ Sediment basin with skimmer ☐ Sediment basin ratio of 4:1 or greater (flow length to basin width) ☐ Sediment basin with 4-7 day detention ☐ Flocculants ☒ Compost Filter Socks ☒ Compost Filter Sock Sediment Basin ☒ RCE w/ Wash Rack ☒ **Land disposal:** ☐ Vegetated filters ☐ Riparian buffers <150ft. ☐ Riparian Forest Buffer <150ft. ☒ Immediate stabilization ☒ **Pollution prevention:** ☒ PPC Plans ☒ Street sweeping ☒ Channels, collectors and diversions lined with permanent vegetation, rock, geotextile or other non-erosive materials ☐ **Stormwater reuse technologies:** ☐ Sediment basin water for dust control ☐ Sediment basin water for irrigation ☐ **Other** _____	☒ **Treatment BMPs:** ☒ Infiltration Practices ☐ Wet ponds ☐ Created wetland treatment systems ☒ Vegetated swales ☐ Manufactured devices ☒ Bio-retention/infiltration ☐ Green Roofs ☐ **Land disposal:** ☐ Vegetated filters ☐ Riparian Buffers <150ft. ☐ Riparian Forest Buffer <150ft. ☐ Disconnection of roof drainage ☐ Bio-retention/bio-infiltration ☒ **Pollution prevention:** ☐ Street sweeping ☐ Nutrient, pesticide, herbicide or other chemical application plan alternatives ☒ PPC Plans ☒ Non-structural Practices ☒ Restoration BMPs ☐ **Stormwater reuse technologies:** ☐ Divert rainwater into impoundment ☐ Underground storage ☐ Spray/Drip Irrigation ☐ **Other** _____
Are the ABACT BMPs selected sufficient to minimize E&S discharges to the extent that existing or designated surface water uses are protected? ☒ Yes ☐ No If yes, Antidegradation analysis is complete. If no, NOI Application will be returned to the Applicant.	Are the ABACT BMPs selected sufficient to achieve no net change and assure that existing or designated surface water uses are protected? ☒ Yes ☐ No If yes, Antidegradation analysis is complete. If no, NOI Application will be returned to the Applicant.

SECTION J. COMPLIANCE HISTORY REVIEW

Is/was the applicant(s) in violation of any Department regulation, order, schedule of compliance or permit or in violation of any department regulated activities within the past five years?

☒ Yes ☐ No

If yes, provide the permit number or facility name, a brief description of the violation, the compliance schedule (including dates and steps to achieve compliance) and the current compliance status. (Attach additional information on a separate sheet, when necessary)

Permit Program or Activity: Chapter 102, Chapter 105, PAG-10
Permit Number (if applicable):

1. **ESG03000150001, ESG00350150001, ESG00081150001**
2. **E41-649**
3. **E-19-311, E36-947, E-38-195, E40-769,E49-336, E54-360, E58-315, E66-160, E41-667, E18-495,**
4. **PAG109632**

Brief Description of non-compliance:

Consent Assessment of Civil Penalty, Reports past due.

Steps taken to achieve compliance	Date(s) compliance achieved
1. Consent Assessment of Civil Penalty 2. Consent Assessment of Civil Penalty. Permits being obtained to complete channel restoration 3. Consent Assessment of Civil Penalty 4. All past due reports were provided to PADEP	1. 9/20/2020 2. 8/9/2020 3. 9/20/2020 4. 12/14/2017

Current Compliance Status: ☒ In-Compliance ☐ In Non-Compliance

If in non-compliance, attach schedule for achieving compliance.

SECTION K. CERTIFICATION BY PERSON PREPARING E&S AND PCSM/SR PLANS

I do hereby certify to the best of my knowledge, information, and belief, that the Erosion and Sediment Control and PCSM/Site Restoration Plans are true and correct, represent actual field conditions, and are in accordance with the 25 Pa. Code Chapters 78/78a and 102 of the Department's rules and regulations. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment.

Print Name Kevin C. Clark	Signature	Professional Seal
Company BAI Group, LLC		
Address 2525 Green Tech Drive, Suite D, State College, PA-16803		
Phone (814) 238-2060		
Most Recent DEP Training Attended _____	Location _____ Date _____	
e-Mail Address kclark@baigroupllc.com		

EXPEDITED REVIEW PROCESS

In addition to the certification required above, applicants using the expedited permit review process must attach an E&S and PCSM/Site Restoration Plans developed and sealed by a licensed professional engineer, surveyor or professional geologist. The plans shall contain the following certification:

*I do hereby certify to the best of my knowledge, information, and belief, that the E & S Control and PCSM/SR BMPs are true and correct, represent actual field conditions and are in accordance with the 25 Pa. Code Chapters 78 / 78a and 102 of the Department's rules and regulations. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment***.**

SECTION L. APPLICANT CERTIFICATION

Applicant Certification

I certify under penalty of law, as provided by 18 Pa. C.S.A. § 4904, that this application and all related attachments were prepared by me or under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my own knowledge and on inquiry of the person or persons who manage the system or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate and complete. The responsible official's signature also verifies that the activity is eligible to participate in the ESCGP, and that the applicant agrees to abide by the terms and conditions of the permit. BMP's, E&S Plan, PPC Plan, PCSM Plan, and other controls are being or will be, implemented to ensure that water quality standards and effluent limits are attained.

I grant permission to the agencies responsible for the permitting of this work, or their duly authorized representative to enter the project site for inspection purposes. I will abide by the conditions of the permit if issued and will not begin work prior to permit issuance.

(For individuals no indication of title is necessary, choose the box below. All others proceed to the next paragraph)

☐ **Individual; proceed to signature portion.**

I hereby certify under penalty of law, as provided by 18 Pa. C.S.A. § 4904, that I am the person who is responsible for decision-making regarding environmental compliance functions for Transcontinental Gas Pipeline Company, LLC, the manager of one or more manufacturing, production, or operating facilities of the applicant and am authorized to make management decisions which govern the operation of regulated facility including having explicit or implicit duty of making major capital investment recommendations, and initiating and directing other comprehensive measures to assure the applicant's long term environmental compliance with environmental laws and regulations; and I am responsible for ensuring that the necessary systems are established or actions taken to gather complete and accurate information for permit application requirements.

(choose one of the following; not applicable for individuals):

☐ The responsible corporate officer ☐ president ☐ vice president ☐ secretary
☐ treasure of _____ Corporation/Company
Entity name

☒ The ☐ member or ☒ manager of Transcontinental Gas Pipe Line Company, LLC
Entity name

☐ The general partner of _____ partnership/LP/LLP
Entity name

☐ The principal executive officer or ranking elected official of _____ Municipality/State/Federal/other public agency
Entity name

☐ Power of Attorney/delegation of contractual authority (documentation supporting delegation of contracting authority must be provided) for _____
Entity name

_____	_____
Print Name and Title of Applicant	Print Name and Title of Co-Applicant (if applicable)
_____	_____
Signature of Applicant	Signature of Co-Applicant
_____	_____
Date Application Signed	Date Application Signed

Notarization

Sworn to and subscribed to before me this

_____ day of _____, 20_____

_____
Notary Public

AFFIX SEAL

Commonwealth of Pennsylvania

County of _____

My Commission expires _____

SECTION M. ADDITIONAL CONTACT INFORMATION				
Contact's Last Name	First Name	MI	Phone (814) 689-1650	
Nelson	Ryan	J	FAX	
Mailing Address	City		State	ZIP + 4
2525 Green Tech Drive, Suite B	State College		PA	16803
e-Mail Address ryann@whmgroup.com				

Section 1-1.1 NOI Supporting Information

Project Component	Site	Site Location City	ZIP Code	County	Municipality	Total Project Area/Project Site (Acre)	Total Disturbed Area (Acre)	Latitude / Longitude	U.S.G.S. 7.5 min. Topographic Quadrangle	Receiving Waters	Chapter 93, Designated Use Stream Classification	Chapter 93, Existing Use Stream Classification	Siltation Impaired
Regional Energy Lateral	Pipeline			Luzerne	Buck, Bear Creek, Plains, Jenkins, Kingston, Dallas, Wyoming, West Wyoming, Laflin	952.63	420.67 (includes CS 515 and sites below)	41.173337, -75.671706 (eastern terminus) 41.346917, -75.946263 (western terminus)	Kingston, Pittston, Avoca, Wilkes-Barre East, Pleasant View Summit	Stony Run, Shades Creek, Little Shades Creek, Snider Run, Meadow Run, Bear Creek, Little Bear Creek, Mill Creek, Gardner Creek, Susquehanna River, Abrahams Creek, Toby Creek, Trout Brook	MF, HQ-CWF, WWF, CWF	-	No
	CY-LU-001	Wyoming	18644	Luzerne	Wyoming		16.3 (Included within above total)	41.31016, -75.84636		Abrahams Creek	CWF, MF	-	No
	CY-LU-002	Wilkes-Barre	18702	Luzerne	Laflin		11.4 (Included within above total)	41.28491, -75.79026		Gardner Creek	CWF, MF	-	No
	MLV-515RA20	Wilkes-Barre	18702	Luzerne	Bear Creek Township		0.46 (Included within above total)	41.25279, -75.75856		Mill Creek	CWF, MF	-	No
	MLV-515RA30	Wyoming	18644	Luzerne	Wyoming Borough		0.44 (Included within above total)	41.30411, -75.84662		Susquehanna River	WWF		No
	Carverton Tie-in	Wyoming	18644	Luzerne	West Wyoming Borough		3.9 (Included within above total)	41.32053, -75.87270		Abrahams Creek	CWF, MF		No
	Lower Demunds REL Tie-in	Dallas	18612	Luzerne	Dallas Township		1.7 (Included within above total)	41.34652, -75.94551		Trout Brook	CWF, MF		No
	Hildebrandt Tie-in/MLV-515RA40	Dallas	18612	Luzerne	Dallas Township		3.1 (Included within above total)	41.34692, -75.94629		Toby Creek, Trout Brook	CWF, MF		No
	Laflin Borough Stream Stabilization	Wilkes-Barre	18702	Luzerne	Laflin Borough		0.94 (Included within above total)	41.28925, -75.80209		Gardner Creek	CWF, MF	-	No
Effort Loop	Pipeline			Monroe	Ross, Chestnuthill, Tunkhannock	360.63	262.18	40.896796, -75.370606 (Southeast Terminus) 41.053413, -75.526178 (Northwest Terminus)	Blakeslee, Pocono Pines, Brodheadsville, Saylorsburg	Lake Creek, Princess Run, Weir Creek, McMichael Creek, Pohopoco Creek, Sugar Hollow Creek, Poplar Creek, Mud Run, Mud Pond Run, Tunkhannock Creek	EV, MF, HQ-CWF, CWF	EV, MF	No

Project Component	Site	Site Location City	ZIP Code	County	Municipality	Total Project Area/Project Site (Acre)	Total Disturbed Area (Acre)	Latitude / Longitude	U.S.G.S. 7.5 min. Topographic Quadrangle	Receiving Waters	Chapter 93, Designated Use Stream Classification	Chapter 93, Existing Use Stream Classification	Siltation Impaired
	MLV-505LD86 Sugar Hollow Valve Yard	Effort	18330	Monroe	Chestnut Hill Township		8.8 (Included within above total)	40.96775, -75.42980		Sugar Hollow Creek	CWF, MF	-	No
	CY-MO-001	Saylorsburg	18353	Monroe	Ross Township		50.1 (Included within above total)	40.89803, -75.36784		Lake Creek, Princess Run	HQ-CWF, MF, CWF	-	No
Delaware River Regulator		Easton	18040	Northampton	Lower Mt. Bethel	11.28	3.25	40.76220 -75.19653	Bangor, PA	Mud Run	CWF, MF	-	No
Mainline "A" Regulator		Washington Crossing	18977	Bucks	Lower Makefield	0.94	0.530	40.26807, -74.85712	Pennington, NJ-PA	Dyers Creek, Delaware River	MF, WWF	-	No
Compressor Station 200		Frazer	19335	Chester	East Whiteland	20.28	3.16	40.04998, -75.58589	Malvern, PA	Valley Creek	EV, MF, CWF	-	Yes
Compressor Station 515		White Haven	18661	Luzerne	Buck	952.63 (Included with Regional Energy Lateral)	24.83 (included with Regional Energy Lateral)	41.17380, -75.67118	Pleasant View Summit, PA	Shades Creek, Stony Run	HQ-CWF, MF	-	No

COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
BUREAU OF CLEAN WATER

MUNICIPAL NOTIFICATION OF PLANNED LAND DEVELOPMENT FOR CHAPTER 102 PERMITS

PROJECT INFORMATION (COMPLETED BY APPLICANT)

Applicant Name:	**Transcontinental Gas Pipe Line Company, a subsidiary of Williams Partners, L.P.**	Contact Name:	**Joseph Dean** **Manager-Permitting**
Applicant Address:	**2800 Post Oak Blvd, Level 11**	Contact Phone:	**(713) 215-3427**
Applicant City, State, ZIP:	**Houston, TX 77056**	County:	**Monroe**
		Municipality:	**Chestnuthill**
		Project Area:	**179.34** acres ☐ Phased
		Disturbance:	**125.98** acres

Description of Proposed Land Development and Stormwater Controls:

The Effort Loop component of the Regional Energy Access Expansion Project will consist of approximately 13.8 miles of 42-inch pipeline co-located with existing Transco Leidy Lines between Mileposts 43.72 and 57.50 in Ross, Chestnuthill and Tunkhannock Townships, Monroe County. The new pipeline will tie-in to the existing 42-in Leidy Line "D" on both ends, completing the segment. With the segment completed, the existing pig traps (industry term for manifolds that launch or receive in-line inspection tools) at both tie-ins will no longer be needed and will therefore be removed, while the existing mainline valves will remain. Transco will be installing a new mainline valve and appurtenant equipment at Milepost 49.6 off of Sugar Hollow Road, which will include PCSM BMP's. The valve installation is a means to isolate gas flows. One Contractor Yard is proposed at the east end of the pipeline at MP 43.72. One remote anode groundbed is proposed at MP 43.72. E&S and PCSM BMP's are proposed.

Tax Parcel ID(s) Affected by Proposed Land Development:

See attached table

Surface Waters Receiving Stormwater Discharges:

McMichael Creek, Pohopoco Creek, Poplar Creek, Sugar Hollow Creek, Weir Creek

Discharge to: ☐ MS4 ☐ Other SS ☐ CSS

The following information was submitted to the municipality for this project:

☐ Land Development / Subdivision Plan ☒ E&S Plan ☒ PCSM Plan ☐ Other:

***On March 31, 2021 Transco submitted to you its E&S and PCSM Plans (Plans) as part of the ESCGP-3 permit application notification. Transco provided an update in July 2021 indicating the Erosion and Sediment Control Permit for Discharges of Stormwater Associated with Construction Activities Application was submitted to the PA Dept. of Environmental Protection to replace the ESCGP-3 application. Transco has updated the application in**

response to the PADEP Technical Deficiencies and is providing the updated materials. Updated drawings, location maps, GIF form and Parcel ID tables are included.

MUNICIPAL PLAN / ORDINANCE INFORMATION (COMPLETED BY MUNICIPALITY)		
1. Is there an adopted municipal or multi-municipal comprehensive plan?	☐ Yes	☐ No
2. Is there an enacted municipal or multi-municipal zoning ordinance?	☐ Yes	☐ No
3. If Yes to #2, is the proposed project consistent with the ordinance?	☐ Yes	☐ No
4. Is there a municipal stormwater management ordinance?	☐ Yes	☐ No
5. If Yes to #4, is the proposed project consistent with the ordinance, without waiver?	☐ Yes	☐ No

6. If Yes to #4, indicate type of ordinance: ☐ Act 167 Model Ordinance ☐ DEP Model Ordinance (MS4s) ☐ Other

APPLICANT CERTIFICATION	MUNICIPAL ACKNOWLEDGEMENT
I certify under penalty of law (see 18 Pa.C.S. § 4904 (relating to unsworn falsification)) that the information reported herein was prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the information, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.	The municipality acknowledges that a permit application for the above-referenced project has been submitted to a reviewing agency and that notification requirements of Act 14 of 1984 and Acts 67, 68, and 127 of 2000 have been satisfied. The information reported herein by the municipality is true and accurate. The municipality reserves the right to comment to the reviewing agency relative to comprehensive plans, zoning, and stormwater ordinance consistency. Municipal acknowledgment of receipt of notification shall not be construed as project approval.

Joseph Dean

Applicant Name

Municipal Representative Name

Applicant Signature

Municipal Representative Signature

Manager - Permitting

Applicant Title

Municipal Representative Title

04/06/2022

Date of Signature

Date of Signature

From: UPS
To: SFOX@WHMGROUP.COM
Subject: UPS Delivery Notification, Tracking Number 1Z8797VV0391807540
Date: Friday, April 8, 2022 10:08:59 AM

Hello, your package has been delivered.

Delivery Date: Friday, 04/08/2022
Delivery Time: 10:06 AM

WHM CONSULTING, INC

Tracking Number:	**1Z8797VV0391807540**
Ship To:	CHESTNUTHILL TOWNSHIP 271 ROUTE 715 BRODHEADSVILLE, PA 18322 US
Number of Packages:	1
UPS Service:	UPS Ground
Package Weight:	3.0 LBS
Reference Number:	WILLIAMS-20-245, T2C

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Transcontinental Gas Pipe Line Company, LLC

Section 1-11 – General Information Form

Regional Energy Access Expansion Project

April 2021
(Added July 2021)
(Revised March 2022)

pennsylvania
DEPARTMENT OF ENVIRONMENTAL PROTECTION

COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION

GENERAL INFORMATION FORM – AUTHORIZATION APPLICATION

Before completing this General Information Form (GIF), read the step-by-step instructions provided in this application package. This form is used by the Department of Environmental Protection (DEP) to inform our programs regarding what other DEP permits or authorizations may be needed for the proposed project or activity. This version of the General Information Form (GIF) must be completed and returned with any program-specific application being submitted to the DEP.

Related ID#s (If Known)				DEP USE ONLY
Client ID#		**APS ID#**		Date Received & General Notes
Site ID#		**Auth ID#**		
Facility ID#				

CLIENT INFORMATION

DEP Client ID#	Client Type / Code	Dun & Bradstreet ID#
163321	LLC	

Legal Organization Name or Registered Fictitious Name	Employer ID# (EIN)	Is the EIN a SSN?
Transcontinental Gas Pipe Line Company, LLC	74-1079400	☐ Yes ☒ NO

State of Incorporation or Registration of Fictious Name

☐ Corporation ☒ LLC ☐ Partnership ☐ LLP ☐ LP
☐ Sole Proprietorship ☐ Association/Organization
☐ Estate/Trust ☐ Other

Individual Last Name	First Name	MI	Suffix

Additional Individual Last Name	First Name	MI	Suffix

Mailing Address Line 1	Mailing Address Line 2
2800 Post Oak Blvd, Level 11	

Address Last Line – City	State	ZIP+4	Country
Houston	TX	77056	United States

Client Contact Last Name	First Name	MI	Suffix
Dean	Joseph		

Client Contact Title	Phone	Ext	Cell Phone
Manager, Permitting	(713) 215-3427		

Email Address	FAX
Joseph.Dean@Williams.com	

SITE INFORMATION

DEP Site ID#	Site Name
	Regional Energy Access Expansion Project

EPA ID# **Estimated Number of Employees to be Present at Site**

Description of Site
The Project is an expansion of an existing natural gas transmission system consisting of pipelines, modification of three existing compressor stations and additional existing ancillary facilities.

Tax Parcel ID(s):

County Name(s)	Municipality(ies)	City	Boro	Twp	State
Luzerne	Buck, Bear Creek, Plains, Jenkins, Kingston, Dallas, Wyoming, West Wyoming, Laflin	☐	☒	☒	PA
Monroe	Ross, Chestnuthill, Tunkhannock	☐	☐	☒	PA
Northampton	Lower Mt. Bethel	☐	☐	☒	PA
Bucks	Lower Makefield	☐	☐	☒	PA
Chester	East Whiteland	☐	☐	☒	PA
		☐	☐	☒	PA
		☐	☒	☐	PA

Site Location Line 1	Site Location Line 2
See Section 1.1 - GIF Supporting Information	

Site Location Last Line – City	State	ZIP+4

Detailed Written Directions to Site
See Secton 1.1 - GIF Supporting Information for locations of all project sites.

Site Contact Last Name	First Name	MI	Suffix
Henry	Josh		

Site Contact Title	Site Contact Firm
Environmental Specialist	Transcontinental Gas Pipe Line Company, LLC.

Mailing Address Line 1	Mailing Address Line 2
2000 Commerce Drive, Park Place 2	

Mailing Address Last Line – City	State	ZIP+4
Pittsburgh	PA	15275

Phone	Ext	FAX	Email Address
(412) 787- 4277			Josh.Henry@Williams.com

NAICS Codes (Two- & Three-Digit Codes – List All That Apply) **6-Digit Code** (Optional)
221

Client to Site Relationship
OWNOP

FACILITY INFORMATION

Modification of Existing Facility	Yes	No
1. **Will this project modify an existing facility, system, or activity?**	☒	☐
2. **Will this project involve an addition to an existing facility, system, or activity?**	☒	☐

If "Yes", check all relevant facility types and provide DEP facility identification numbers below.

	Facility Type	DEP Fac ID#		Facility Type	DEP Fac ID#
☐	Air Emission Plant		☐	Industrial Minerals Mining Operation	
☐	Beneficial Use (water)		☐	Laboratory Location	
☐	Blasting Operation		☐	Land Recycling Cleanup Location	
☐	Captive Hazardous Waste Operation		☐	Mine Drainage Treatment / Land Recycling Project Location	
☐	Coal Ash Beneficial Use Operation		☐	Municipal Waste Operation	
☐	Coal Mining Operation		☐	Oil & Gas Encroachment Location	
☐	Coal Pillar Location		☐	Oil & Gas Location	
☐	Commercial Hazardous Waste Operation		☐	Oil & Gas Water Poll Control Facility	
☐	Dam Location		☐	Public Water Supply System	
☐	Deep Mine Safety Operation -Anthracite		☐	Radiation Facility	
☐	Deep Mine Safety Operation -Bituminous		☐	Residual Waste Operation	
☐	Deep Mine Safety Operation -Ind Minerals		☐	Storage Tank Location	
☐	Encroachment Location (water, wetland)		☐	Water Pollution Control Facility	
☐	Erosion & Sediment Control Facility		☐	Water Resource	
☐	Explosive Storage Location		☒	Other: Natural Gas Transmission	

Latitude/Longitude Point of Origin	Latitude Degrees	Latitude Minutes	Latitude Seconds	Longitude Degrees	Longitude Minutes	Longitude Seconds
See Section 1.1 - GIF Supporting Information						

Horizontal Accuracy Measure	Feet	*--or--*	Meters
Horizontal Reference Datum Code	☐ North American Datum of 1927 ☒ North American Datum of 1983 ☐ World Geodetic System of 1984		
Horizontal Collection Method Code	GISDR		
Reference Point Code	CNTAR		
Altitude	Feet	*--or--*	Meters
Altitude Datum Name	☐ The National Geodetic Vertical Datum of 1929 ☒ The North American Vertical Datum of 1988 (NAVD88)		
Altitude (Vertical) Location Datum Collection Method Code	TOPO		

Geometric Type Code	POINT				
Data Collection Date	2020				
Source Map Scale Number	1	Inch(es)	=	2,000	Feet
--or--		Centimeter(s)	=		Meters

PROJECT INFORMATION

Project Name
Regional Energy Access Expansion Project

Project Description
The Project is an expansion of Transco's existing natural gas transmission system that will enable Transco to provide an incremental 829,400 dekatherms per day (Dth/d) of year-round firm transportation capacity from the Marcellus Shale production area in northeastern Pennsylvania (PA) to multiple delivery points along Transco's Leidy Line in PA, Transco's mainline at the Station 210 Zone 6 Pooling Point in Mercer County, New Jersey (NJ) and multiple delivery points in Transco's Zone 6 in NJ, PA, and Maryland (MD). The Project will consist of the following components:

• Approximately 22.2 miles of 30-inch-diameter pipeline partially collocated with Transco's Leidy Line A from milepost (MP) 0.00 to MP 22.32 in Luzerne County, PA (Regional Energy Lateral);

• Approximately 13.8 miles of 42-inch-diameter pipeline collocated with Transco's Leidy Line System from MP 43.72 to MP 57.50 in Monroe County, PA (Effort Loop);

• New electric motor-driven compressor station identified as Compressor Station 201 with 9,000 nominal horsepower (HP) in Gloucester County, NJ;

• Addition of two gas-fired turbine driven compressor units with 31,800 nominal HP at ISO conditions at existing Compressor Station 505 in Somerset County, NJ, to accommodate the abandonment and replacement of approximately 16,000 HP from eight existing internal combustion engine-driven compressor units and increase the certificated station compression by 15,800 HP;

• Addition of two gas-fired turbine driven compressor units with 63,742 nominal HP at ISO conditions and modification of three existing compressors at existing Compressor Station 515 in Luzerne County, PA to support the Project and to accommodate the abandonment and replacement of approximately 17,000 HP from five existing gas-fired reciprocating engine driven compressors and increase the certificated station compression by 46,742 HP;

• Uprate and rewheel two existing electric motor-driven compressor units at existing Compressor Station 195 in York County, PA to increase the certificated station compression by 6,000 HP and accommodate the abandonment of two existing gas-fired reciprocating engine driven compressors, which total approximately 8,000 HP;

• Modifications at existing Compressor Station 200 in Chester County, PA;

• Uprate one existing electric motor-driven compressor unit at Compressor Station 207 in Middlesex County, NJ to increase the certificated station compression by 4,100 HP;

• Modifications to three (3) existing pipeline tie-ins in PA (Hildebrandt Tie-in, Lower Demunds REL Tie-in, and Carverton Tie-in);

• Addition of regulation controls at an existing valve setting on Transco's Mainline "A" in Bucks County, PA (Mainline A Regulator);

• Modifications at the existing Delaware River Regulator in Northampton County, PA;

• Modifications at the existing Centerville Regulator in Somerset County, NJ;

• Modifications to the existing valves and piping at the Princeton Junction (Station 210 Pooling Point) in Mercer County, NJ;

• Modifications to three (3) existing delivery meter stations in NJ (Camden M&R Station, Lawnside M&R Station, and Mt. Laurel M&R Station);

• Modifications to one (1) existing delivery meter station in MD (Beaver Dam M&R Station);

• Contractual changes (no modifications) at ten (10) existing delivery meter stations in PA and NJ (Algonquin-Centerville Meter Station, Post Road Meter Station, New Village Meter Station, Spruce Run Meter Station, Marcus Hook Meter Station, Ivyland Meter Station, Repaupo Meter Station, Morgan Meter Station, Lower Mud Run Meter Station, and Chesterfield Meter Station);

• Additional ancillary facilities, such as mainline valves (MLVs), cathodic protection, communication facilities, and internal inspection device (e.g., pig) launchers and receivers in PA; and

• Existing, improved, and new access roads and contractor yards/staging areas in PA, NJ, and MD.

In an ongoing effort to reduce its air emissions footprint, Transco is assessing the replacement of vintage gas-fired reciprocating engine driven compressors with more efficient state-of-the-art gas-fired turbine driven compressors. The proposed compression abandonment and replacement scopes at Transco's existing Compressor Station 505 and Compressor Station 515 are part of this effort and have been adopted into the Project scope. Additionally, the uprate and optimization of existing electric motor-driven compression to accommodate abandonment of gas-fired reciprocating engine driven compression at Compressor Station 195 has also been adopted into the Project scope.

The Algonquin-Centerville, Post Road, New Village, Spruce Run, Marcus Hook, Ivyland, Repaupo, Morgan, Lower Mud Run, and Chesterfield Meter Stations can accommodate the contractual changes proposed as part of this Project; therefore, no modifications are proposed at these facilities

Project Consultant Last Name	**First Name**	**MI**	**Suffix**
Nelson	Ryan		

Project Consultant Title	**Consulting Firm**
Senior Project Manager	WHM Consulting, LLC

Mailing Address Line 1	**Mailing Address Line 2**
2525 Green Tech Drive; Suite B	

Address Last Line – City	**State**	**ZIP+4**
State College	PA	16803

Phone	**Ext**	**FAX**	**Email Address**
(814) 689-1650	102		ryann@whmgroup.com

Time Schedules	**Project Milestone (Optional)**
March 2021	Submit 401 WQC
April 2021	Submit Chapter 102 / 105 Permits
2nd Quarter of 2023	Commence Construction
4th Quarter 2024	In-service Date

1. Is the project located in or within a 0.5-mile radius of an Environmental Justice community as defined by DEP? ☒ Yes ☐ No

To determine if the project is located in or within a 0.5-mile radius of an environmental justice community, please use the online Environmental Justice Areas Viewer.

2. Have you informed the surrounding community prior to submitting the application to the Department? ☒ Yes ☐ No

Method of notification:

1) Open house schedule mailed to affected parties;

2) Newspaper advertisements of open houses placed in newspapers of general circulation in the Project area;

3) Open houses (a mixture of virtual and in-person) held in the county of each major project scope item;
4) Newspaper advertisements prior to commencement of construction, which will be placed in those same publications;
5) Notification to businesses potentially affected by construction;
6) Designation of a point of contact for stakeholder communication;
7) A Project toll free telephone number for public inquiries; and
•8) A Project website with periodic updates of relevant information.

3. Have you addressed community concerns that were identified? ☒ Yes ☐ No ☐ N/A

If no, please briefly describe the community concerns that have been expressed and not addressed.

4. Is your project funded by state or federal grants? ☐ Yes ☒ No

Note: If "Yes", specify what aspect of the project is related to the grant and provide the grant source, contact person and grant expiration date.

Aspect of Project Related to Grant
Grant Source: _____
Grant Contact Person: _____
Grant Expiration Date: _____

5. Is this application for an authorization on Appendix A of the Land Use Policy? (For referenced list, see Appendix A of the Land Use Policy attached to GIF instructions) ☒ Yes ☐ No

Note: If "No" to Question 5, the application is not subject to the Land Use Policy.
If "Yes" to Question 5, the application is subject to this policy and the Applicant should answer the additional questions in the **Land Use Information** section.

LAND USE INFORMATION

Note: Applicants should submit copies of local land use approvals or other evidence of compliance with local comprehensive plans and zoning ordinances.

1.	**Is there an adopted county or multi-county comprehensive plan?**	☒	Yes	☐	No
2.	**Is there a county stormwater management plan?**	☒	Yes	☐	No
3.	**Is there an adopted municipal or multi-municipal comprehensive plan?**	☒	Yes	☐	No
4.	**Is there an adopted county-wide zoning ordinance, municipal zoning ordinance or joint municipal zoning ordinance?**	☒	Yes	☐	No
5.	**Does the proposed project meet the provisions of the zoning ordinance or does the proposed project have zoning approval?** If zoning approval has been received, attach documentation.	☒	Yes	☐	No
6.	**Have you attached Municipal and County Land Use Letters for the project?**	☐	Yes	☒	No

Note: If the Applicant answers "No" to either Questions 1, 3 or 4, the provisions of the PA MPC are not applicable and the Applicant does not need to respond to questions 5 and 6 below.
If the Applicant answers "Yes" to questions 1, 3 and 4, the Applicant should respond to questions 5 and 6 below.

* This Project is regulated by the Federal Energy Regulatory Commission (FERC) under the Natural Gas Act. FERC has exclusive jurisdiction over siting of the Project, therefore, local zoning is preempted.

COORDINATION INFORMATION

Note: The PA Historical and Museum Commission must be notified of proposed projects in accordance with DEP Technical Guidance Document 012-0700-001 utilizing the Project Review Form.

If the activity will be a mining project (i.e., mining of coal or industrial minerals, coal refuse disposal and/or the operation of a coal or industrial minerals preparation/processing facility), respond to questions 1.0 through 2.5 below.

If the activity will not be a mining project, skip questions 1.0 through 2.5 and begin with question 3.0.

1.0	**Is this a coal mining project?** If "Yes", respond to 1.1-1.6. If "No", skip to Question 2.0.	☐	Yes	☒	No
1.1	**Will this coal mining project involve coal preparation/ processing activities in which the total amount of coal prepared/processed will be equal to or greater than 200 tons/day?**	☐	Yes	☐	No
1.2	**Will this coal mining project involve coal preparation/ processing activities in which the total amount of coal prepared/processed will be greater than 50,000 tons/year?**	☐	Yes	☐	No
1.3	**Will this coal mining project involve coal preparation/ processing activities in which thermal coal dryers or pneumatic coal cleaners will be used?**	☐	Yes	☐	No
1.4	**For this coal mining project, will sewage treatment facilities be constructed and treated waste water discharged to surface waters?**	☐	Yes	☐	No
1.5	**Will this coal mining project involve the construction of a permanent impoundment meeting one or more of the following criteria: (1) a contributory drainage area exceeding 100 acres; (2) a depth of water measured by the upstream toe of the dam at maximum storage elevation exceeding 15 feet; (3) an impounding capacity at maximum storage elevation exceeding 50 acre-feet?**	☐	Yes	☐	No
1.6	**Will this coal mining project involve underground coal mining to be conducted within 500 feet of an oil or gas well?**	☐	Yes	☐	No
2.0	**Is this a non-coal (industrial minerals) mining project?** If "Yes", respond to 2.1-2.6. If "No", skip to Question 3.0.	☐	Yes	☒	No
2.1	**Will this non-coal (industrial minerals) mining project involve the crushing and screening of non-coal minerals other than sand and gravel?**	☐	Yes	☐	No
2.2	**Will this non-coal (industrial minerals) mining project involve the crushing and/or screening of sand and gravel with the exception of wet sand and gravel operations (screening only) and dry sand and gravel operations with a capacity of less than 150 tons/hour of unconsolidated materials?**	☐	Yes	☐	No
2.3	**Will this non-coal (industrial minerals) mining project involve the construction, operation and/or modification of a portable non-metallic (i.e., non-coal) minerals processing plant under the authority of the General Permit for Portable Non-metallic Mineral Processing Plants (i.e., BAQ-PGPA/GP-3)?**	☐	Yes	☐	No
2.4	**For this non-coal (industrial minerals) mining project, will sewage treatment facilities be constructed and treated waste water discharged to surface waters?**	☐	Yes	☐	No
2.5	**Will this non-coal (industrial minerals) mining project involve the construction of a permanent impoundment meeting one or more of the following criteria: (1) a contributory drainage area exceeding 100 acres; (2) a depth of water measured by the upstream toe of the dam at maximum storage elevation exceeding 15 feet; (3) an impounding capacity at maximum storage elevation exceeding 50 acre-feet?**	☐	Yes	☐	No

3.0	**Will your project, activity, or authorization have anything to do with a well related to oil or gas production, have construction within 200 feet of, affect an oil or gas well, involve the waste from such a well, or string power lines above an oil or gas well?** If "Yes", respond to 3.1-3.3. If "No", skip to Question 4.0.	☐	Yes	☒	No
3.1	**Does the oil- or gas-related project involve any of the following: placement of fill, excavation within or placement of a structure, located in, along, across or projecting into a watercourse, floodway or body of water (including wetlands)?**	☐	Yes	☐	No
3.2	**Will the oil- or gas-related project involve discharge of industrial wastewater or stormwater to a dry swale, surface water, ground water or an existing sanitary sewer system or storm water system?** If "Yes", discuss in *Project Description*.	☐	Yes	☐	No
3.3	**Will the oil- or gas-related project involve the construction and operation of industrial waste treatment facilities?**	☐	Yes	☐	No
4.0	**Will the project involve a construction activity that results in earth disturbance?** If "Yes", specify the total disturbed acreage.	☒	Yes	☐	No
	4.0.1 Total Disturbed Acreage + / - 672				
	4.0.2 Will the project discharge or drain to a special protection water (EV or HQ) or an EV wetland?	☒	Yes	☐	No
	4.0.3 Will the project involve a construction activity that results in earth disturbance in the area of the earth disturbance that are contaminated at levels exceeding residential or non-residential medium-specific concentrations (MSCs) in 25 Pa. Code Chapter 250 at residential or non-residential construction sites, respectively?	☐	Yes	☒	No
5.0	**Does the project involve any of the following: water obstruction and/or encroachment, wetland impacts, or floodplain project by the Commonwealth/political subdivision or public utility?** If "Yes", respond to 5.1-5.7. If "No", skip to Question 6.0.	☒	Yes	☐	No
5.1	**Water Obstruction and Encroachment Projects – Does the project involve any of the following: placement of fill, excavation within or placement of a structure, located in, along, across or projecting into a watercourse, floodway or body of water?**	☒	Yes	☐	No
5.2	**Wetland Impacts – Does the project involve any of the following: placement of fill, excavation within or placement of a structure, located in, along, across or projecting into a wetland?**	☒	Yes	☐	No
5.3	**Floodplain Projects by the Commonwealth, a Political Subdivision of the Commonwealth or a Public Utility – Does the project involve any of the following: placement of fill, excavation within or placement of a structure, located in, along, across or projecting into a floodplain?**	☐	Yes	☒	No
5.4	**Is your project an interstate transmission natural gas pipeline?**	☒	Yes	☐	No
5.5	**Does your project consist of linear construction activities which result in earth disturbance in two or more DEP regions AND three or more counties?**	☒	Yes	☐	No
5.6	**Does your project utilize Floodplain Restoration as a best management practice for Post Construction Stormwater Management?**	☐	Yes	☒	No
5.7	**Does your project utilize Class V Gravity / Injection Wells as a best management practice for Post Construction Stormwater Management?**	☐	Yes	☒	No
6.0	**Will the project involve discharge of construction related stormwater to a dry swale, surface water, ground water or separate storm water system?**	☒	Yes	☐	No

6.1	**Will the project involve discharge of industrial waste stormwater or wastewater from an industrial activity or sewage to a dry swale, surface water, ground water or an existing sanitary sewer system or separate storm water system?**	☒	Yes	☐	No
7.0	**Will the project involve the construction and operation of industrial waste treatment facilities?**	☐	Yes	☒	No
8.0	**Will the project involve construction of sewage treatment facilities, sanitary sewers, or sewage pumping stations?** If "Yes", indicate estimated proposed flow (gal/day). Also, discuss the sanitary sewer pipe sizes and the number of pumping stations/treatment facilities/name of downstream sewage facilities in the *Project Description*, where applicable.	☐	Yes	☒	No
	8.0.1 Estimated Proposed Flow (gal/day)				
9.0	**Will the project involve the subdivision of land, or the generation of 800 gpd or more of sewage on an existing parcel of land or the generation of an additional 400 gpd of sewage on an already-developed parcel, or the generation of 800 gpd or more of industrial wastewater that would be discharged to an existing sanitary sewer system?**	☐	Yes	☒	No
	9.0.1 Was Act 537 sewage facilities planning submitted and approved by DEP? If "Yes" attach the approval letter. Approval required prior to 105/NPDES approval.	☐	Yes	☐	No
10.0	**Is this project for the beneficial use of biosolids for land application within Pennsylvania?** If "Yes" indicate how much (i.e. gallons or dry tons per year).	☐	Yes	☒	No
	10.0.1 Gallons Per Year (residential septage)				
	10.0.2 Dry Tons Per Year (biosolids)				
11.0	**Does the project involve construction, modification or removal of a dam?** If "Yes", identify the dam.	☐	Yes	☒	No
	11.0.1 Dam Name				
12.0	**Will the project interfere with the flow from, or otherwise impact, a dam?** If "Yes", identify the dam.	☐	Yes	☒	No
	12.0.1 Dam Name				
13.0	**Will the project involve operations (excluding during the construction period) that produce air emissions (i.e., NOX, VOC, etc.)?**	☒	Yes	☐	No
	13.0.1 If "Yes", is the operation subject to the agricultural exemption in 35 P.S. § 4004.1?	☐	Yes	☒	No

13.0.2 If the answer to 13.0.1 is "No", identify each type of emission followed by the estimated amount of that emission.

Enter all types & amounts of emissions; separate each set with semicolons.

Summary of Compressor Station 515 Estimated Net Operational Potential to Emit (PTE): NOx - 196.8; CO - 314.40; VOC - 50.6; SO2 - 14.0; PM10/PM2.5 - 30.6; Single HAP (formaldehyde)- 8.7; Total HAP - 12.2; CO2e - 511,413 = Annual (tpy)

Summary of Pipeline and M&R Station Estimated Operational Potential to Emit (PTE): VOC - 1.17; Single HAP - 0.20; Total HAP - 0.20; CO2e - 5460.47 = Annual (tpy)

Modifications to Compressor Station 195 and Compressor Station 200 only include uprating existing electric motor-driven compression capacity or piping and valve modifications; therefore, Transco anticipates these facilities will have insignificant operational emissions.

14.0	**Does the project include the construction or modification of a drinking water supply to serve 15 or more connections or 25 or more people, at least 60 days out of the year?** If "Yes", check all proposed sub-facilities.	☐	Yes	☒	No
	14.0.1 Number of Persons Served _____				
	14.0.2 Number of Employee/Guests _____				
	14.0.3 Number of Connections _____				
	14.0.4 Sub-Fac: Distribution System	☐	Yes	☐	No
	14.0.5 Sub-Fac: Water Treatment Plant	☐	Yes	☐	No
	14.0.6 Sub-Fac: Source	☐	Yes	☐	No
	14.0.7 Sub-Fac: Pump Station	☐	Yes	☐	No
	14.0.8 Sub Fac: Transmission Main	☐	Yes	☐	No
	14.0.9 Sub-Fac: Storage Facility	☐	Yes	☐	No
15.0	**Will your project include infiltration of storm water or waste water to ground water within one-half mile of a public water supply well, spring or infiltration gallery?**	☒	Yes	☐	No
16.0	**Is your project to be served by an existing public water supply?** If "Yes", indicate name of supplier and attach letter from supplier stating that it will serve the project.	☐	Yes	☒	No
	16.0.1 Supplier's Name _____				
	16.0.2 Letter of Approval from Supplier is Attached	☐	Yes	☐	No
17.0	**Will this project be served by on-lot drinking water wells?**	☐	Yes	☒	No
18.0	**Will this project involve a new or increased drinking water withdrawal from a river, stream, spring, lake, well or other water bod(ies)?** If "Yes", reference Safe Drinking Water Program.	☐	Yes	☒	No
	18.0.1 Source Name				
19.0	**Will the construction or operation of this project involve treatment, storage, reuse, or disposal of waste?** If "Yes", indicate what type (i.e., hazardous, municipal (including infectious & chemotherapeutic), residual) and the amount to be treated, stored, re-used or disposed.	☐	Yes	☒	No
	19.0.1 Type & Amount				
20.0	**Will your project involve the removal of coal, minerals, contaminated media, or solid waste as part of any earth disturbance activities?**	☐	Yes	☒	No
21.0	**Does your project involve installation of a field constructed underground storage tank?** If "Yes", list each Substance & its Capacity. **Note:** Applicant may need a Storage Tank Site Specific Installation Permit.	☐	Yes	☒	No
	21.0.1 Enter all substances & capacity of each; separate each set with semicolons.				
22.0	**Does your project involve installation of an aboveground storage tank greater than 21,000 gallons capacity at an existing facility?** If "Yes", list each Substance & its Capacity. **Note:** Applicant may need a Storage Tank Site Specific Installation Permit.	☐	Yes	☒	No
	22.0.1 Enter all substances & capacity of each; separate each set with semicolons.				
23.0	**Does your project involve installation of a tank greater than 1,100 gallons which will contain a highly hazardous substance as defined in DEP's Regulated Substances List, 2570-BK-DEP2724?** If "Yes", list each Substance & its Capacity. **Note:** Applicant may need a Storage Tank Site Specific Installation Permit.	☐	Yes	☒	No
	23.0.1 Enter all substances & capacity of each; separate each set with semicolons.				

24.0	**Does your project involve installation of a storage tank at a new facility with a total AST capacity greater than 21,000 gallons?** If "Yes", list each Substance & its Capacity. **Note:** Applicant may need a Storage Tank Site Specific Installation Permit. **24.0.1 Enter all substances & capacity of each; separate each set with semicolons.**	☐	Yes	☒	No

NOTE: If the project includes the installation of a regulated storage tank system, including diesel emergency generator systems, the project may require the use of a Department Certified Tank Handler. For a full list of regulated storage tanks and substances, please go to www.dep.pa.gov search term storage tanks

25.0	**Will the intended activity involve the use of a radiation source?**	☐	Yes	☒	No

CERTIFICATION

I certify that I have the authority to submit this application on behalf of the applicant named herein and that the information provided in this application is true and correct to the best of my knowledge and information.

For applicants supplying an EIN number: I am applying for a permit or authorization from the Pennsylvania Department of Environmental Protection (DEP). As part of this application, I will provide DEP with an accurate EIN number for the applicant entity. By filing this application with DEP, I hereby authorize DEP to confirm the accuracy of the EIN number provided with the Pennsylvania Department of Revenue. As applicant, I further consent to the Department of Revenue discussing the same with DEP prior to issuance of the Commonwealth permit or authorization.

Type or Print Name Joseph Dean

Signature	Title	Date
	Manager, Permitting	02/24/2022

GIF Supporting Information

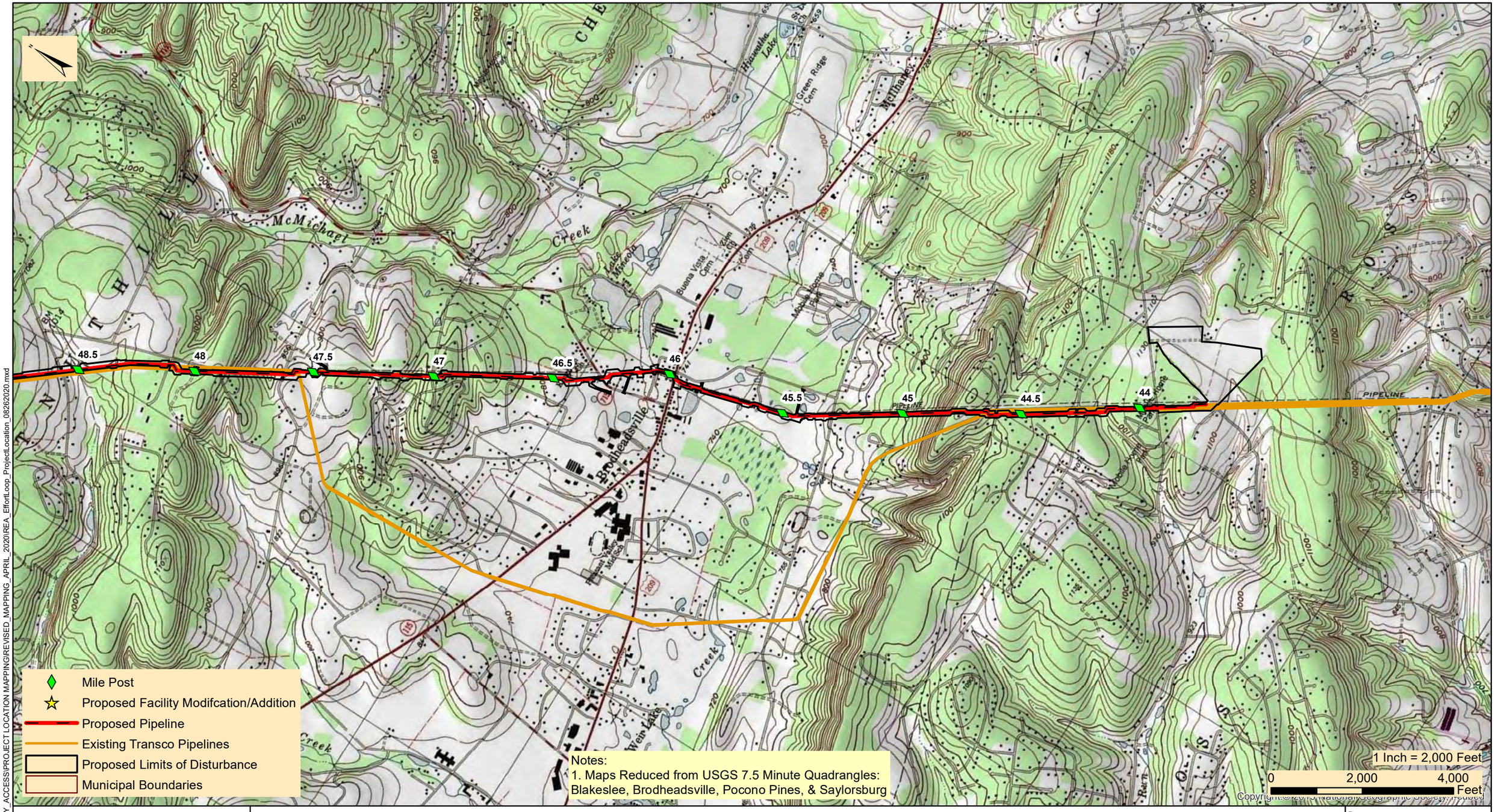
Project Component	Site	Site Location City	ZIP Code	Detailed Written Directions to Site	Latitude / Longitude
Effort Loop	Eastern Terminus	Saylorsburg	18353	From 209: heading East – Turn Right onto Frable Rd/T432. Follow for 1.7 miles. Turn Right onto Meixsell Valley Road/T361. Follow for .2 miles then turn left. Destination is in ~340 feet. Heading West-Turn Left onto Rte 115. Follow for 1.1 miles, then turn right onto Meixsell Valley Rd/T361. Continue for 1.4 miles then turn left. Destination is in ~340 feet.	40.896796, -75.370606
	Western Terminus	Long Pond	18334	From I-80: Heading East- Take exit 284 for PA-115 towards Blakeslee. Keep right at the fork, follow signs for Lake Harmony/Brodheadsville and merge on PA-115 S. Follow for 3.2 miles. Turn Left onto Long Pond Road. Destination will be in ~.2 miles. Heading West- Take exit 384 for PA-115 S. Turn left onto PA-115 S. Follow for 3.4 miles. Turn Left onto Long Pond Rd. Destination will be in ~.2 miles.	41.053413, -75.526178
Regional Energy Lateral	Eastern Terminus	White Haven	18661	From I-80: Heading West-Take exit 284 towards Blakeslee. Merge onto PA-115 N. Follow for 8.2 Miles. Turn Right onto Ridgeway Ave. Destination will be in .2 miles. Heading East- Take exit 284 towards Blakeslee. Turn left onto PA-115 N. Follow for 8.4 miles. Turn Right onto Ridgeway Ave. Destination will be in .2 miles. From I-476: Heading South- Take exit 105 to merge onto PA-115 S. Follow PA-115 S for 8.4 miles. Turn left onto Ridgeway Ave. Destination will be in .2 Miles	41.173337, -75.671706
	Western Terminus	Dallas	18612	From PA-309: Heading South-Head South on PA-309 S toward Dallas RV and MHP. Turn Left onto Hildebrandt Rd. Follow for .4 miles then turn right onto Conyngham Ave. Follow for .4 miles. Continue onto Fairground Road. Destination will be to the left in .2 Miles. Heading North-Head North on PA-309 N toward Grandview Ave. Turn right onto Hildebrandt Rd. Follow for .4 miles then turn right onto Conyngham Ave. Follow for .4 miles. Continue onto Fairground Road. Destination will be to the left in .2 Miles.	41.346917, -75.946263
Compressor Station 515		White Haven	18661	Same as REL Eastern Terminus	41.173337, -75.671706
Compressor Station 200		Frazer	19355	From I-76: East Bound- Take exit 312 toward PA-100 S/Pottstown Pike (Toll Rd). Keep left at the fork and follow signs for PA-100 S/Downingtown and merge onto PA-100 S/Pottstown Pike. Follow for 2.5 miles. Turn left onto N. Ship Rd and follow for .6 miles. Turn left onto Valley Hill Rd and follow for 1.7 miles. Turn right onto PA-401 E. Follow for .5 miles then turn right onto Bacton Hill Rd. Destination will be in .5 Miles. Heading West-Take exit 320 toward Melvern Turn left onto PA-29 S. Turn right at the 1st cross street onto Flat Rd. Turn right onto Sidley Road and then in .4 miles, turn left onto Phoenixville Pike. In .9 miles turn right onto PA-401 W and follow for 1 mile. Turn left onto N. Bacton Hill Road. Destination will be on the right in .5 miles.	40.049969, -75.585849
Delaware River Regulator/Lower Mud Run Meter Station		Easton	18040	To Delaware River Regulator- From 22: East Bound- Take the 4th Street/PA-248 Exit toward PA-611. Turn Left onto PA-248 E/Bushkill St. Follow for .4 miles then turn left onto PA-611 N. Keep right to continue on PA-611 N/N Delaware Dr and follow for 5 miles. Turn Left onto Lower Mud Run Rd. Destination will be on the left in .4 miles. To Lower Mud Run Meter Station- Head +/- 200' northwest from the Delaware River Regulator. The site is immediately adjacent to Delaware River Regulator.	40.762166, -75.19644/ 40.762706, -75.197631
Main Line A Regulator		Washington Crossing	18977	From I-295: Take exit 10 toward New Hope. Turn left onto Taylorsville Rd. Continue straight to stay on Taylorsville Rd. In .9 miles turn right onto Mt Eyre Rd. Follow for .2 miles then turn right onto PA-32 S. The destination will be on the right in 407 feet.	40.268063, -74.857125

Transcontinental Gas Pipe Line Company, LLC

Requirement I – Project Location Map

Regional Energy Access Expansion Project – Effort Loop

April 2021
(Revised March 2022)



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TRANSCONTINENTAL GAS PIPE LINE COMPANY, LLC

REGIONAL ENERGY ACCESS EXPANSION PROJECT

PROPOSED 42" LEIDY D EFFORT LOOP

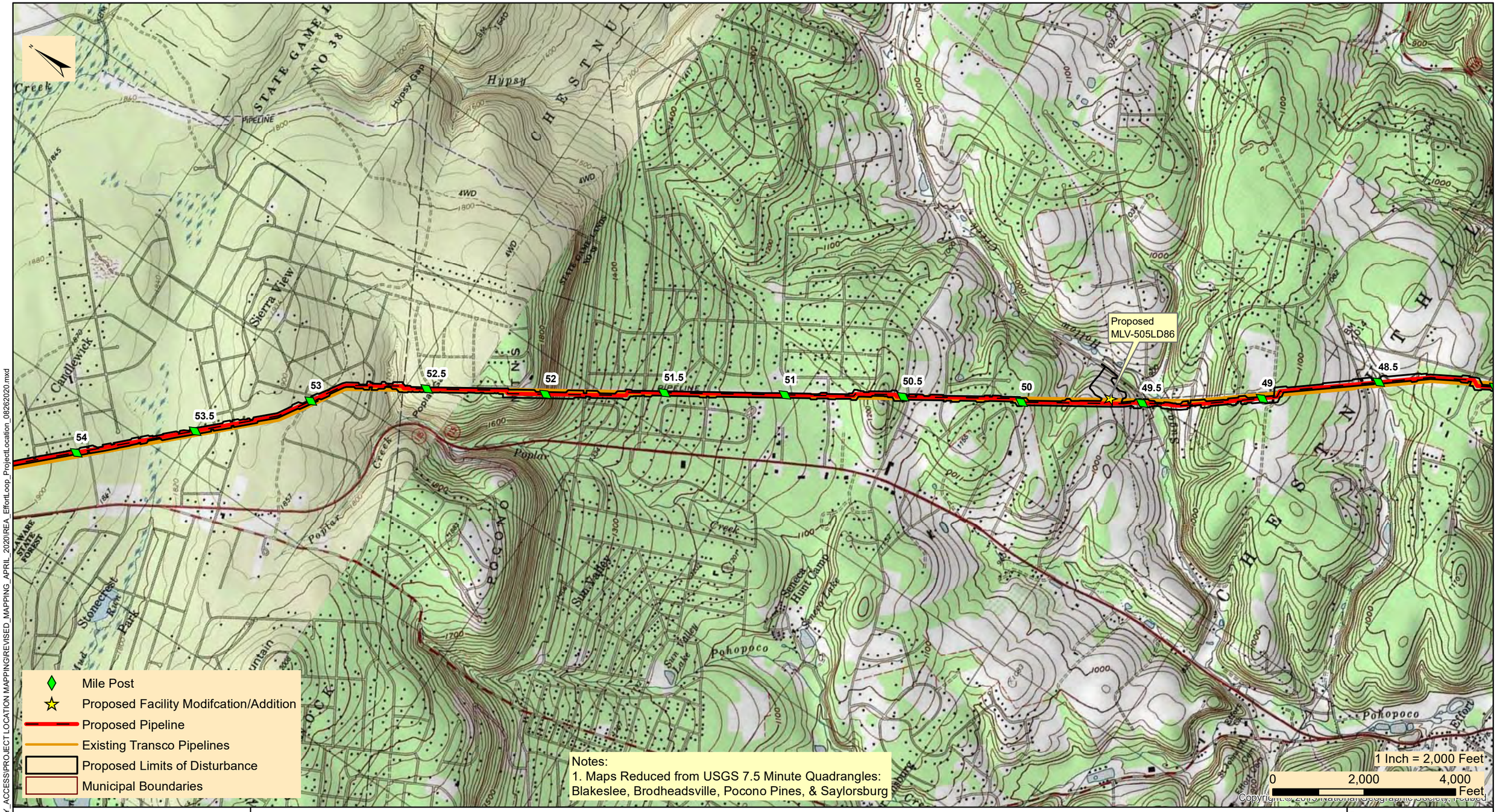
PROJECT LOCATION MAP

CHESTNUT HILL & ROSS TOWNSHIP | MONROE COUNTY | PENNSYLVANIA

Date: 2/10/2022

Drawn By: FTN

Figure Number: EL-1



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TRANSCONTINENTAL GAS PIPE LINE COMPANY, LLC

REGIONAL ENERGY ACCESS EXPANSION PROJECT

PROPOSED 42" LEIDY D EFFORT LOOP

PROJECT LOCATION MAP

CHESTNUT HILL & TUNKHANNOCK TOWNSHIP | MONROE COUNTY | PENNSYLVANIA

Date: 2/10/2022

Drawn By: FTN

Figure Number: EL-2

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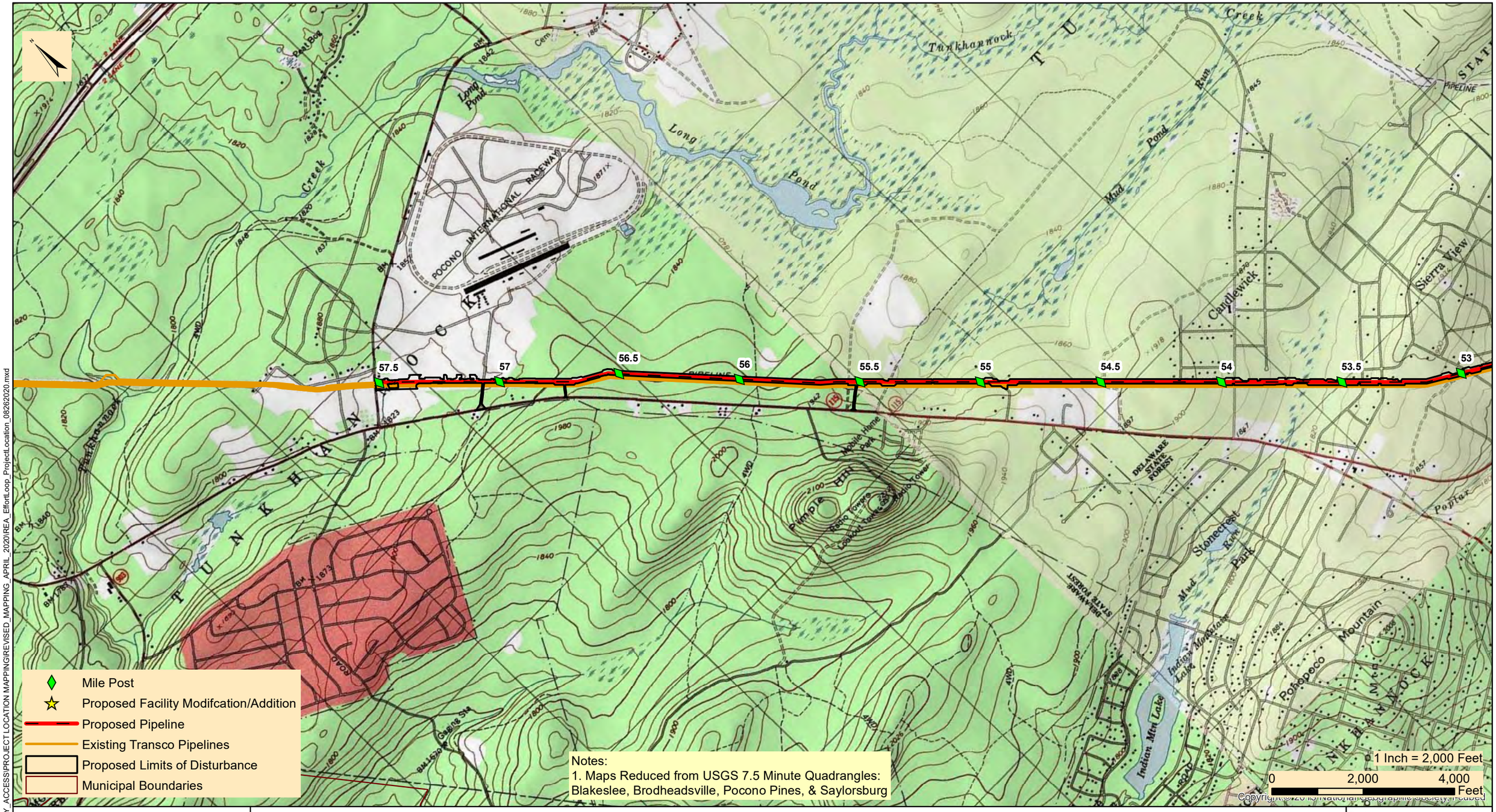

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TRANSCONTINENTAL GAS PIPE LINE COMPANY, LLC

REGIONAL ENERGY ACCESS EXPANSION PROJECT

PROPOSED 42" LEIDY D EFFORT LOOP

PROJECT LOCATION MAP

TUNKHANNOCK TOWNSHIP | MONROE COUNTY | PENNSYLVANIA

Date: 2/10/2022

Drawn By: FTN

Figure Number: EL-3

COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
BUREAU OF CLEAN WATER

MUNICIPAL NOTIFICATION OF PLANNED LAND DEVELOPMENT FOR CHAPTER 102 PERMITS

PROJECT INFORMATION (COMPLETED BY APPLICANT)

Applicant Name:	**Transcontinental Gas Pipe Line Company, a subsidiary of Williams Partners, L.P.**	Contact Name:	**Joseph Dean** **Manager-Permitting**
Applicant Address:	**2800 Post Oak Blvd, Level 11**	Contact Phone:	**(713) 215-3427**
Applicant City, State, ZIP:	**Houston, TX 77056**	County:	**Monroe**
		Municipality:	**Chestnuthill**
		Project Area:	**179.34** acres ☐ Phased
		Disturbance:	**125.98** acres

Description of Proposed Land Development and Stormwater Controls:

The Effort Loop component of the Regional Energy Access Expansion Project will consist of approximately 13.8 miles of 42-inch pipeline co-located with existing Transco Leidy Lines between Mileposts 43.72 and 57.50 in Ross, Chestnuthill and Tunkhannock Townships, Monroe County. The new pipeline will tie-in to the existing 42-in Leidy Line "D" on both ends, completing the segment. With the segment completed, the existing pig traps (industry term for manifolds that launch or receive in-line inspection tools) at both tie-ins will no longer be needed and will therefore be removed, while the existing mainline valves will remain. Transco will be installing a new mainline valve and appurtenant equipment at Milepost 49.6 off of Sugar Hollow Road, which will include PCSM BMP's. The valve installation is a means to isolate gas flows. One Contractor Yard is proposed at the east end of the pipeline at MP 43.72. One remote anode groundbed is proposed at MP 43.72. E&S and PCSM BMP's are proposed.

Tax Parcel ID(s) Affected by Proposed Land Development:

See attached table

Surface Waters Receiving Stormwater Discharges:

McMichael Creek, Pohopoco Creek, Poplar Creek, Sugar Hollow Creek, Weir Creek

Discharge to: ☐ MS4 ☐ Other SS ☐ CSS

The following information was submitted to the municipality for this project:

☐ Land Development / Subdivision Plan ☒ E&S Plan ☒ PCSM Plan ☐ Other:

***On March 31, 2021 Transco submitted to you its E&S and PCSM Plans (Plans) as part of the ESCGP-3 permit application notification. Transco provided an update in July 2021 indicating the Erosion and Sediment Control Permit for Discharges of Stormwater Associated with Construction Activities Application was submitted to the PA Dept. of Environmental Protection to replace the ESCGP-3 application. Transco has updated the application in**

response to the PADEP Technical Deficiencies and is providing the updated materials. Updated drawings, location maps, GIF form and Parcel ID tables are included.

MUNICIPAL PLAN / ORDINANCE INFORMATION (COMPLETED BY MUNICIPALITY)		
1. Is there an adopted municipal or multi-municipal comprehensive plan?	☐ Yes	☐ No
2. Is there an enacted municipal or multi-municipal zoning ordinance?	☐ Yes	☐ No
3. If Yes to #2, is the proposed project consistent with the ordinance?	☐ Yes	☐ No
4. Is there a municipal stormwater management ordinance?	☐ Yes	☐ No
5. If Yes to #4, is the proposed project consistent with the ordinance, without waiver?	☐ Yes	☐ No

6. If Yes to #4, indicate type of ordinance: ☐ Act 167 Model Ordinance ☐ DEP Model Ordinance (MS4s) ☐ Other

APPLICANT CERTIFICATION	MUNICIPAL ACKNOWLEDGEMENT
I certify under penalty of law (see 18 Pa.C.S. § 4904 (relating to unsworn falsification)) that the information reported herein was prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the information, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.	The municipality acknowledges that a permit application for the above-referenced project has been submitted to a reviewing agency and that notification requirements of Act 14 of 1984 and Acts 67, 68, and 127 of 2000 have been satisfied. The information reported herein by the municipality is true and accurate. The municipality reserves the right to comment to the reviewing agency relative to comprehensive plans, zoning, and stormwater ordinance consistency. Municipal acknowledgment of receipt of notification shall not be construed as project approval.

Joseph Dean

Applicant Name

Municipal Representative Name

Applicant Signature

Municipal Representative Signature

Manager - Permitting

Applicant Title

Municipal Representative Title

04/06/2022

Date of Signature

Date of Signature

From: UPS
To: SFOX@WHMGROUP.COM
Subject: UPS Delivery Notification, Tracking Number 1Z8797VV0391807540
Date: Friday, April 8, 2022 10:08:59 AM

Hello, your package has been delivered.

Delivery Date: Friday, 04/08/2022
Delivery Time: 10:06 AM

WHM CONSULTING, INC

Tracking Number:	**1Z8797VV0391807540**
Ship To:	CHESTNUTHILL TOWNSHIP 271 ROUTE 715 BRODHEADSVILLE, PA 18322 US
Number of Packages:	1
UPS Service:	UPS Ground
Package Weight:	3.0 LBS
Reference Number:	WILLIAMS-20-245, T2C

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Transcontinental Gas Pipe Line Company, LLC

Section 1-11 – General Information Form

Regional Energy Access Expansion Project

April 2021
(Added July 2021)
(Revised March 2022)

pennsylvania
DEPARTMENT OF ENVIRONMENTAL PROTECTION

COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION

GENERAL INFORMATION FORM – AUTHORIZATION APPLICATION

Before completing this General Information Form (GIF), read the step-by-step instructions provided in this application package. This form is used by the Department of Environmental Protection (DEP) to inform our programs regarding what other DEP permits or authorizations may be needed for the proposed project or activity. This version of the General Information Form (GIF) must be completed and returned with any program-specific application being submitted to the DEP.

Related ID#s (If Known)				DEP USE ONLY
Client ID#		**APS ID#**		Date Received & General Notes
Site ID#		**Auth ID#**		
Facility ID#				

CLIENT INFORMATION

DEP Client ID#	Client Type / Code	Dun & Bradstreet ID#
163321	LLC	

Legal Organization Name or Registered Fictitious Name	Employer ID# (EIN)	Is the EIN a SSN?
Transcontinental Gas Pipe Line Company, LLC	74-1079400	☐ Yes ☒ NO

State of Incorporation or Registration of Fictious Name

☐ Corporation ☒ LLC ☐ Partnership ☐ LLP ☐ LP
☐ Sole Proprietorship ☐ Association/Organization
☐ Estate/Trust ☐ Other

Individual Last Name	First Name	MI	Suffix

Additional Individual Last Name	First Name	MI	Suffix

Mailing Address Line 1	Mailing Address Line 2
2800 Post Oak Blvd, Level 11	

Address Last Line – City	State	ZIP+4	Country
Houston	TX	77056	United States

Client Contact Last Name	First Name	MI	Suffix
Dean	Joseph		

Client Contact Title	Phone	Ext	Cell Phone
Manager, Permitting	(713) 215-3427		

Email Address	FAX
Joseph.Dean@Williams.com	

SITE INFORMATION

DEP Site ID#	Site Name
	Regional Energy Access Expansion Project

EPA ID# **Estimated Number of Employees to be Present at Site**

Description of Site
The Project is an expansion of an existing natural gas transmission system consisting of pipelines, modification of three existing compressor stations and additional existing ancillary facilities.

Tax Parcel ID(s):

County Name(s)	Municipality(ies)	City	Boro	Twp	State
Luzerne	Buck, Bear Creek, Plains, Jenkins, Kingston, Dallas, Wyoming, West Wyoming, Laflin	☐	☒	☒	PA
Monroe	Ross, Chestnuthill, Tunkhannock	☐	☐	☒	PA
Northampton	Lower Mt. Bethel	☐	☐	☒	PA
Bucks	Lower Makefield	☐	☐	☒	PA
Chester	East Whiteland	☐	☐	☒	PA
		☐	☐	☒	PA
		☐	☒	☐	PA

Site Location Line 1	Site Location Line 2
See Section 1.1 - GIF Supporting Information	

Site Location Last Line – City	State	ZIP+4

Detailed Written Directions to Site
See Secton 1.1 - GIF Supporting Information for locations of all project sites.

Site Contact Last Name	First Name	MI	Suffix
Henry	Josh		

Site Contact Title	Site Contact Firm
Environmental Specialist	Transcontinental Gas Pipe Line Company, LLC.

Mailing Address Line 1	Mailing Address Line 2
2000 Commerce Drive, Park Place 2	

Mailing Address Last Line – City	State	ZIP+4
Pittsburgh	PA	15275

Phone	Ext	FAX	Email Address
(412) 787- 4277			Josh.Henry@Williams.com

NAICS Codes (Two- & Three-Digit Codes – List All That Apply) **6-Digit Code** (Optional)
221

Client to Site Relationship
OWNOP

FACILITY INFORMATION

Modification of Existing Facility	Yes	No
1. **Will this project modify an existing facility, system, or activity?**	☒	☐
2. **Will this project involve an addition to an existing facility, system, or activity?**	☒	☐

If "Yes", check all relevant facility types and provide DEP facility identification numbers below.

	Facility Type	DEP Fac ID#		Facility Type	DEP Fac ID#
☐	Air Emission Plant		☐	Industrial Minerals Mining Operation	
☐	Beneficial Use (water)		☐	Laboratory Location	
☐	Blasting Operation		☐	Land Recycling Cleanup Location	
☐	Captive Hazardous Waste Operation		☐	Mine Drainage Treatment / Land Recycling Project Location	
☐	Coal Ash Beneficial Use Operation		☐	Municipal Waste Operation	
☐	Coal Mining Operation		☐	Oil & Gas Encroachment Location	
☐	Coal Pillar Location		☐	Oil & Gas Location	
☐	Commercial Hazardous Waste Operation		☐	Oil & Gas Water Poll Control Facility	
☐	Dam Location		☐	Public Water Supply System	
☐	Deep Mine Safety Operation -Anthracite		☐	Radiation Facility	
☐	Deep Mine Safety Operation -Bituminous		☐	Residual Waste Operation	
☐	Deep Mine Safety Operation -Ind Minerals		☐	Storage Tank Location	
☐	Encroachment Location (water, wetland)		☐	Water Pollution Control Facility	
☐	Erosion & Sediment Control Facility		☐	Water Resource	
☐	Explosive Storage Location		☒	Other: Natural Gas Transmission	

Latitude/Longitude Point of Origin	Latitude Degrees	Latitude Minutes	Latitude Seconds	Longitude Degrees	Longitude Minutes	Longitude Seconds
See Section 1.1 - GIF Supporting Information						

Horizontal Accuracy Measure	Feet	*--or--*	Meters
Horizontal Reference Datum Code	☐ North American Datum of 1927 ☒ North American Datum of 1983 ☐ World Geodetic System of 1984		
Horizontal Collection Method Code	GISDR		
Reference Point Code	CNTAR		
Altitude	Feet	*--or--*	Meters
Altitude Datum Name	☐ The National Geodetic Vertical Datum of 1929 ☒ The North American Vertical Datum of 1988 (NAVD88)		
Altitude (Vertical) Location Datum Collection Method Code	TOPO		

Geometric Type Code	POINT				
Data Collection Date	2020				
Source Map Scale Number	1	Inch(es)	=	2,000	Feet
--or--		Centimeter(s)	=		Meters

PROJECT INFORMATION

Project Name
Regional Energy Access Expansion Project

Project Description
The Project is an expansion of Transco's existing natural gas transmission system that will enable Transco to provide an incremental 829,400 dekatherms per day (Dth/d) of year-round firm transportation capacity from the Marcellus Shale production area in northeastern Pennsylvania (PA) to multiple delivery points along Transco's Leidy Line in PA, Transco's mainline at the Station 210 Zone 6 Pooling Point in Mercer County, New Jersey (NJ) and multiple delivery points in Transco's Zone 6 in NJ, PA, and Maryland (MD). The Project will consist of the following components:

• Approximately 22.2 miles of 30-inch-diameter pipeline partially collocated with Transco's Leidy Line A from milepost (MP) 0.00 to MP 22.32 in Luzerne County, PA (Regional Energy Lateral);

• Approximately 13.8 miles of 42-inch-diameter pipeline collocated with Transco's Leidy Line System from MP 43.72 to MP 57.50 in Monroe County, PA (Effort Loop);

• New electric motor-driven compressor station identified as Compressor Station 201 with 9,000 nominal horsepower (HP) in Gloucester County, NJ;

• Addition of two gas-fired turbine driven compressor units with 31,800 nominal HP at ISO conditions at existing Compressor Station 505 in Somerset County, NJ, to accommodate the abandonment and replacement of approximately 16,000 HP from eight existing internal combustion engine-driven compressor units and increase the certificated station compression by 15,800 HP;

• Addition of two gas-fired turbine driven compressor units with 63,742 nominal HP at ISO conditions and modification of three existing compressors at existing Compressor Station 515 in Luzerne County, PA to support the Project and to accommodate the abandonment and replacement of approximately 17,000 HP from five existing gas-fired reciprocating engine driven compressors and increase the certificated station compression by 46,742 HP;

• Uprate and rewheel two existing electric motor-driven compressor units at existing Compressor Station 195 in York County, PA to increase the certificated station compression by 6,000 HP and accommodate the abandonment of two existing gas-fired reciprocating engine driven compressors, which total approximately 8,000 HP;

• Modifications at existing Compressor Station 200 in Chester County, PA;

• Uprate one existing electric motor-driven compressor unit at Compressor Station 207 in Middlesex County, NJ to increase the certificated station compression by 4,100 HP;

• Modifications to three (3) existing pipeline tie-ins in PA (Hildebrandt Tie-in, Lower Demunds REL Tie-in, and Carverton Tie-in);

• Addition of regulation controls at an existing valve setting on Transco's Mainline "A" in Bucks County, PA (Mainline A Regulator);

• Modifications at the existing Delaware River Regulator in Northampton County, PA;

• Modifications at the existing Centerville Regulator in Somerset County, NJ;

• Modifications to the existing valves and piping at the Princeton Junction (Station 210 Pooling Point) in Mercer County, NJ;

• Modifications to three (3) existing delivery meter stations in NJ (Camden M&R Station, Lawnside M&R Station, and Mt. Laurel M&R Station);

• Modifications to one (1) existing delivery meter station in MD (Beaver Dam M&R Station);

• Contractual changes (no modifications) at ten (10) existing delivery meter stations in PA and NJ (Algonquin-Centerville Meter Station, Post Road Meter Station, New Village Meter Station, Spruce Run Meter Station, Marcus Hook Meter Station, Ivyland Meter Station, Repaupo Meter Station, Morgan Meter Station, Lower Mud Run Meter Station, and Chesterfield Meter Station);

• Additional ancillary facilities, such as mainline valves (MLVs), cathodic protection, communication facilities, and internal inspection device (e.g., pig) launchers and receivers in PA; and

• Existing, improved, and new access roads and contractor yards/staging areas in PA, NJ, and MD.

In an ongoing effort to reduce its air emissions footprint, Transco is assessing the replacement of vintage gas-fired reciprocating engine driven compressors with more efficient state-of-the-art gas-fired turbine driven compressors. The proposed compression abandonment and replacement scopes at Transco's existing Compressor Station 505 and Compressor Station 515 are part of this effort and have been adopted into the Project scope. Additionally, the uprate and optimization of existing electric motor-driven compression to accommodate abandonment of gas-fired reciprocating engine driven compression at Compressor Station 195 has also been adopted into the Project scope.

The Algonquin-Centerville, Post Road, New Village, Spruce Run, Marcus Hook, Ivyland, Repaupo, Morgan, Lower Mud Run, and Chesterfield Meter Stations can accommodate the contractual changes proposed as part of this Project; therefore, no modifications are proposed at these facilities

Project Consultant Last Name	**First Name**	**MI**	**Suffix**
Nelson	Ryan		

Project Consultant Title	**Consulting Firm**
Senior Project Manager	WHM Consulting, LLC

Mailing Address Line 1	**Mailing Address Line 2**
2525 Green Tech Drive; Suite B	

Address Last Line – City	**State**	**ZIP+4**
State College	PA	16803

Phone	**Ext**	**FAX**	**Email Address**
(814) 689-1650	102		ryann@whmgroup.com

Time Schedules	**Project Milestone (Optional)**
March 2021	Submit 401 WQC
April 2021	Submit Chapter 102 / 105 Permits
2nd Quarter of 2023	Commence Construction
4th Quarter 2024	In-service Date

1. Is the project located in or within a 0.5-mile radius of an Environmental Justice community as defined by DEP? ☒ Yes ☐ No

To determine if the project is located in or within a 0.5-mile radius of an environmental justice community, please use the online Environmental Justice Areas Viewer.

2. Have you informed the surrounding community prior to submitting the application to the Department? ☒ Yes ☐ No

Method of notification:

1) Open house schedule mailed to affected parties;

2) Newspaper advertisements of open houses placed in newspapers of general circulation in the Project area;

3) Open houses (a mixture of virtual and in-person) held in the county of each major project scope item;
4) Newspaper advertisements prior to commencement of construction, which will be placed in those same publications;
5) Notification to businesses potentially affected by construction;
6) Designation of a point of contact for stakeholder communication;
7) A Project toll free telephone number for public inquiries; and
•8) A Project website with periodic updates of relevant information.

3. Have you addressed community concerns that were identified? ☒ Yes ☐ No ☐ N/A

If no, please briefly describe the community concerns that have been expressed and not addressed.

4. Is your project funded by state or federal grants? ☐ Yes ☒ No

Note: If "Yes", specify what aspect of the project is related to the grant and provide the grant source, contact person and grant expiration date.

Aspect of Project Related to Grant
Grant Source: _____
Grant Contact Person: _____
Grant Expiration Date: _____

5. Is this application for an authorization on Appendix A of the Land Use Policy? (For referenced list, see Appendix A of the Land Use Policy attached to GIF instructions) ☒ Yes ☐ No

Note: If "No" to Question 5, the application is not subject to the Land Use Policy.
If "Yes" to Question 5, the application is subject to this policy and the Applicant should answer the additional questions in the **Land Use Information** section.

LAND USE INFORMATION

Note: Applicants should submit copies of local land use approvals or other evidence of compliance with local comprehensive plans and zoning ordinances.

1.	**Is there an adopted county or multi-county comprehensive plan?**	☒	Yes	☐	No
2.	**Is there a county stormwater management plan?**	☒	Yes	☐	No
3.	**Is there an adopted municipal or multi-municipal comprehensive plan?**	☒	Yes	☐	No
4.	**Is there an adopted county-wide zoning ordinance, municipal zoning ordinance or joint municipal zoning ordinance?**	☒	Yes	☐	No
5.	**Does the proposed project meet the provisions of the zoning ordinance or does the proposed project have zoning approval?** If zoning approval has been received, attach documentation.	☒	Yes	☐	No
6.	**Have you attached Municipal and County Land Use Letters for the project?**	☐	Yes	☒	No

Note: If the Applicant answers "No" to either Questions 1, 3 or 4, the provisions of the PA MPC are not applicable and the Applicant does not need to respond to questions 5 and 6 below.
If the Applicant answers "Yes" to questions 1, 3 and 4, the Applicant should respond to questions 5 and 6 below.

* This Project is regulated by the Federal Energy Regulatory Commission (FERC) under the Natural Gas Act. FERC has exclusive jurisdiction over siting of the Project, therefore, local zoning is preempted.

COORDINATION INFORMATION

Note: The PA Historical and Museum Commission must be notified of proposed projects in accordance with DEP Technical Guidance Document 012-0700-001 utilizing the Project Review Form.

If the activity will be a mining project (i.e., mining of coal or industrial minerals, coal refuse disposal and/or the operation of a coal or industrial minerals preparation/processing facility), respond to questions 1.0 through 2.5 below.

If the activity will not be a mining project, skip questions 1.0 through 2.5 and begin with question 3.0.

1.0	**Is this a coal mining project?** If "Yes", respond to 1.1-1.6. If "No", skip to Question 2.0.	☐	Yes	☒	No
1.1	**Will this coal mining project involve coal preparation/ processing activities in which the total amount of coal prepared/processed will be equal to or greater than 200 tons/day?**	☐	Yes	☐	No
1.2	**Will this coal mining project involve coal preparation/ processing activities in which the total amount of coal prepared/processed will be greater than 50,000 tons/year?**	☐	Yes	☐	No
1.3	**Will this coal mining project involve coal preparation/ processing activities in which thermal coal dryers or pneumatic coal cleaners will be used?**	☐	Yes	☐	No
1.4	**For this coal mining project, will sewage treatment facilities be constructed and treated waste water discharged to surface waters?**	☐	Yes	☐	No
1.5	**Will this coal mining project involve the construction of a permanent impoundment meeting one or more of the following criteria: (1) a contributory drainage area exceeding 100 acres; (2) a depth of water measured by the upstream toe of the dam at maximum storage elevation exceeding 15 feet; (3) an impounding capacity at maximum storage elevation exceeding 50 acre-feet?**	☐	Yes	☐	No
1.6	**Will this coal mining project involve underground coal mining to be conducted within 500 feet of an oil or gas well?**	☐	Yes	☐	No
2.0	**Is this a non-coal (industrial minerals) mining project?** If "Yes", respond to 2.1-2.6. If "No", skip to Question 3.0.	☐	Yes	☒	No
2.1	**Will this non-coal (industrial minerals) mining project involve the crushing and screening of non-coal minerals other than sand and gravel?**	☐	Yes	☐	No
2.2	**Will this non-coal (industrial minerals) mining project involve the crushing and/or screening of sand and gravel with the exception of wet sand and gravel operations (screening only) and dry sand and gravel operations with a capacity of less than 150 tons/hour of unconsolidated materials?**	☐	Yes	☐	No
2.3	**Will this non-coal (industrial minerals) mining project involve the construction, operation and/or modification of a portable non-metallic (i.e., non-coal) minerals processing plant under the authority of the General Permit for Portable Non-metallic Mineral Processing Plants (i.e., BAQ-PGPA/GP-3)?**	☐	Yes	☐	No
2.4	**For this non-coal (industrial minerals) mining project, will sewage treatment facilities be constructed and treated waste water discharged to surface waters?**	☐	Yes	☐	No
2.5	**Will this non-coal (industrial minerals) mining project involve the construction of a permanent impoundment meeting one or more of the following criteria: (1) a contributory drainage area exceeding 100 acres; (2) a depth of water measured by the upstream toe of the dam at maximum storage elevation exceeding 15 feet; (3) an impounding capacity at maximum storage elevation exceeding 50 acre-feet?**	☐	Yes	☐	No

3.0	**Will your project, activity, or authorization have anything to do with a well related to oil or gas production, have construction within 200 feet of, affect an oil or gas well, involve the waste from such a well, or string power lines above an oil or gas well?** If "Yes", respond to 3.1-3.3. If "No", skip to Question 4.0.	☐	Yes	☒	No
3.1	**Does the oil- or gas-related project involve any of the following: placement of fill, excavation within or placement of a structure, located in, along, across or projecting into a watercourse, floodway or body of water (including wetlands)?**	☐	Yes	☐	No
3.2	**Will the oil- or gas-related project involve discharge of industrial wastewater or stormwater to a dry swale, surface water, ground water or an existing sanitary sewer system or storm water system?** If "Yes", discuss in *Project Description*.	☐	Yes	☐	No
3.3	**Will the oil- or gas-related project involve the construction and operation of industrial waste treatment facilities?**	☐	Yes	☐	No
4.0	**Will the project involve a construction activity that results in earth disturbance?** If "Yes", specify the total disturbed acreage.	☒	Yes	☐	No
	4.0.1 Total Disturbed Acreage + / - 672				
	4.0.2 Will the project discharge or drain to a special protection water (EV or HQ) or an EV wetland?	☒	Yes	☐	No
	4.0.3 Will the project involve a construction activity that results in earth disturbance in the area of the earth disturbance that are contaminated at levels exceeding residential or non-residential medium-specific concentrations (MSCs) in 25 Pa. Code Chapter 250 at residential or non-residential construction sites, respectively?	☐	Yes	☒	No
5.0	**Does the project involve any of the following: water obstruction and/or encroachment, wetland impacts, or floodplain project by the Commonwealth/political subdivision or public utility?** If "Yes", respond to 5.1-5.7. If "No", skip to Question 6.0.	☒	Yes	☐	No
5.1	**Water Obstruction and Encroachment Projects – Does the project involve any of the following: placement of fill, excavation within or placement of a structure, located in, along, across or projecting into a watercourse, floodway or body of water?**	☒	Yes	☐	No
5.2	**Wetland Impacts – Does the project involve any of the following: placement of fill, excavation within or placement of a structure, located in, along, across or projecting into a wetland?**	☒	Yes	☐	No
5.3	**Floodplain Projects by the Commonwealth, a Political Subdivision of the Commonwealth or a Public Utility – Does the project involve any of the following: placement of fill, excavation within or placement of a structure, located in, along, across or projecting into a floodplain?**	☐	Yes	☒	No
5.4	**Is your project an interstate transmission natural gas pipeline?**	☒	Yes	☐	No
5.5	**Does your project consist of linear construction activities which result in earth disturbance in two or more DEP regions AND three or more counties?**	☒	Yes	☐	No
5.6	**Does your project utilize Floodplain Restoration as a best management practice for Post Construction Stormwater Management?**	☐	Yes	☒	No
5.7	**Does your project utilize Class V Gravity / Injection Wells as a best management practice for Post Construction Stormwater Management?**	☐	Yes	☒	No
6.0	**Will the project involve discharge of construction related stormwater to a dry swale, surface water, ground water or separate storm water system?**	☒	Yes	☐	No

6.1	**Will the project involve discharge of industrial waste stormwater or wastewater from an industrial activity or sewage to a dry swale, surface water, ground water or an existing sanitary sewer system or separate storm water system?**	☒	Yes	☐	No
7.0	**Will the project involve the construction and operation of industrial waste treatment facilities?**	☐	Yes	☒	No
8.0	**Will the project involve construction of sewage treatment facilities, sanitary sewers, or sewage pumping stations?** If "Yes", indicate estimated proposed flow (gal/day). Also, discuss the sanitary sewer pipe sizes and the number of pumping stations/treatment facilities/name of downstream sewage facilities in the *Project Description*, where applicable.	☐	Yes	☒	No
	8.0.1 Estimated Proposed Flow (gal/day)				
9.0	**Will the project involve the subdivision of land, or the generation of 800 gpd or more of sewage on an existing parcel of land or the generation of an additional 400 gpd of sewage on an already-developed parcel, or the generation of 800 gpd or more of industrial wastewater that would be discharged to an existing sanitary sewer system?**	☐	Yes	☒	No
	9.0.1 Was Act 537 sewage facilities planning submitted and approved by DEP? If "Yes" attach the approval letter. Approval required prior to 105/NPDES approval.	☐	Yes	☐	No
10.0	**Is this project for the beneficial use of biosolids for land application within Pennsylvania?** If "Yes" indicate how much (i.e. gallons or dry tons per year).	☐	Yes	☒	No
	10.0.1 Gallons Per Year (residential septage)				
	10.0.2 Dry Tons Per Year (biosolids)				
11.0	**Does the project involve construction, modification or removal of a dam?** If "Yes", identify the dam.	☐	Yes	☒	No
	11.0.1 Dam Name				
12.0	**Will the project interfere with the flow from, or otherwise impact, a dam?** If "Yes", identify the dam.	☐	Yes	☒	No
	12.0.1 Dam Name				
13.0	**Will the project involve operations (excluding during the construction period) that produce air emissions (i.e., NOX, VOC, etc.)?**	☒	Yes	☐	No
	13.0.1 If "Yes", is the operation subject to the agricultural exemption in 35 P.S. § 4004.1?	☐	Yes	☒	No

13.0.2 If the answer to 13.0.1 is "No", identify each type of emission followed by the estimated amount of that emission.

Enter all types & amounts of emissions; separate each set with semicolons.

Summary of Compressor Station 515 Estimated Net Operational Potential to Emit (PTE): NOx - 196.8; CO - 314.40; VOC - 50.6; SO2 - 14.0; PM10/PM2.5 - 30.6; Single HAP (formaldehyde)- 8.7; Total HAP - 12.2; CO2e - 511,413 = Annual (tpy)

Summary of Pipeline and M&R Station Estimated Operational Potential to Emit (PTE): VOC - 1.17; Single HAP - 0.20; Total HAP - 0.20; CO2e - 5460.47 = Annual (tpy)

Modifications to Compressor Station 195 and Compressor Station 200 only include uprating existing electric motor-driven compression capacity or piping and valve modifications; therefore, Transco anticipates these facilities will have insignificant operational emissions.

14.0	**Does the project include the construction or modification of a drinking water supply to serve 15 or more connections or 25 or more people, at least 60 days out of the year?** If "Yes", check all proposed sub-facilities.	☐	Yes	☒	No
	14.0.1 Number of Persons Served _____				
	14.0.2 Number of Employee/Guests _____				
	14.0.3 Number of Connections _____				
	14.0.4 Sub-Fac: Distribution System	☐	Yes	☐	No
	14.0.5 Sub-Fac: Water Treatment Plant	☐	Yes	☐	No
	14.0.6 Sub-Fac: Source	☐	Yes	☐	No
	14.0.7 Sub-Fac: Pump Station	☐	Yes	☐	No
	14.0.8 Sub Fac: Transmission Main	☐	Yes	☐	No
	14.0.9 Sub-Fac: Storage Facility	☐	Yes	☐	No
15.0	**Will your project include infiltration of storm water or waste water to ground water within one-half mile of a public water supply well, spring or infiltration gallery?**	☒	Yes	☐	No
16.0	**Is your project to be served by an existing public water supply?** If "Yes", indicate name of supplier and attach letter from supplier stating that it will serve the project.	☐	Yes	☒	No
	16.0.1 Supplier's Name _____				
	16.0.2 Letter of Approval from Supplier is Attached	☐	Yes	☐	No
17.0	**Will this project be served by on-lot drinking water wells?**	☐	Yes	☒	No
18.0	**Will this project involve a new or increased drinking water withdrawal from a river, stream, spring, lake, well or other water bod(ies)?** If "Yes", reference Safe Drinking Water Program.	☐	Yes	☒	No
	18.0.1 Source Name				
19.0	**Will the construction or operation of this project involve treatment, storage, reuse, or disposal of waste?** If "Yes", indicate what type (i.e., hazardous, municipal (including infectious & chemotherapeutic), residual) and the amount to be treated, stored, re-used or disposed.	☐	Yes	☒	No
	19.0.1 Type & Amount				
20.0	**Will your project involve the removal of coal, minerals, contaminated media, or solid waste as part of any earth disturbance activities?**	☐	Yes	☒	No
21.0	**Does your project involve installation of a field constructed underground storage tank?** If "Yes", list each Substance & its Capacity. **Note:** Applicant may need a Storage Tank Site Specific Installation Permit.	☐	Yes	☒	No
	21.0.1 Enter all substances & capacity of each; separate each set with semicolons.				
22.0	**Does your project involve installation of an aboveground storage tank greater than 21,000 gallons capacity at an existing facility?** If "Yes", list each Substance & its Capacity. **Note:** Applicant may need a Storage Tank Site Specific Installation Permit.	☐	Yes	☒	No
	22.0.1 Enter all substances & capacity of each; separate each set with semicolons.				
23.0	**Does your project involve installation of a tank greater than 1,100 gallons which will contain a highly hazardous substance as defined in DEP's Regulated Substances List, 2570-BK-DEP2724?** If "Yes", list each Substance & its Capacity. **Note:** Applicant may need a Storage Tank Site Specific Installation Permit.	☐	Yes	☒	No
	23.0.1 Enter all substances & capacity of each; separate each set with semicolons.				

24.0	**Does your project involve installation of a storage tank at a new facility with a total AST capacity greater than 21,000 gallons?** If "Yes", list each Substance & its Capacity. **Note:** Applicant may need a Storage Tank Site Specific Installation Permit. **24.0.1 Enter all substances & capacity of each; separate each set with semicolons.**	☐	Yes	☒	No

NOTE: If the project includes the installation of a regulated storage tank system, including diesel emergency generator systems, the project may require the use of a Department Certified Tank Handler. For a full list of regulated storage tanks and substances, please go to www.dep.pa.gov search term storage tanks

25.0	**Will the intended activity involve the use of a radiation source?**	☐	Yes	☒	No

CERTIFICATION

I certify that I have the authority to submit this application on behalf of the applicant named herein and that the information provided in this application is true and correct to the best of my knowledge and information.

For applicants supplying an EIN number: I am applying for a permit or authorization from the Pennsylvania Department of Environmental Protection (DEP). As part of this application, I will provide DEP with an accurate EIN number for the applicant entity. By filing this application with DEP, I hereby authorize DEP to confirm the accuracy of the EIN number provided with the Pennsylvania Department of Revenue. As applicant, I further consent to the Department of Revenue discussing the same with DEP prior to issuance of the Commonwealth permit or authorization.

Type or Print Name Joseph Dean

Signature	Title	Date
	Manager, Permitting	02/24/2022

GIF Supporting Information

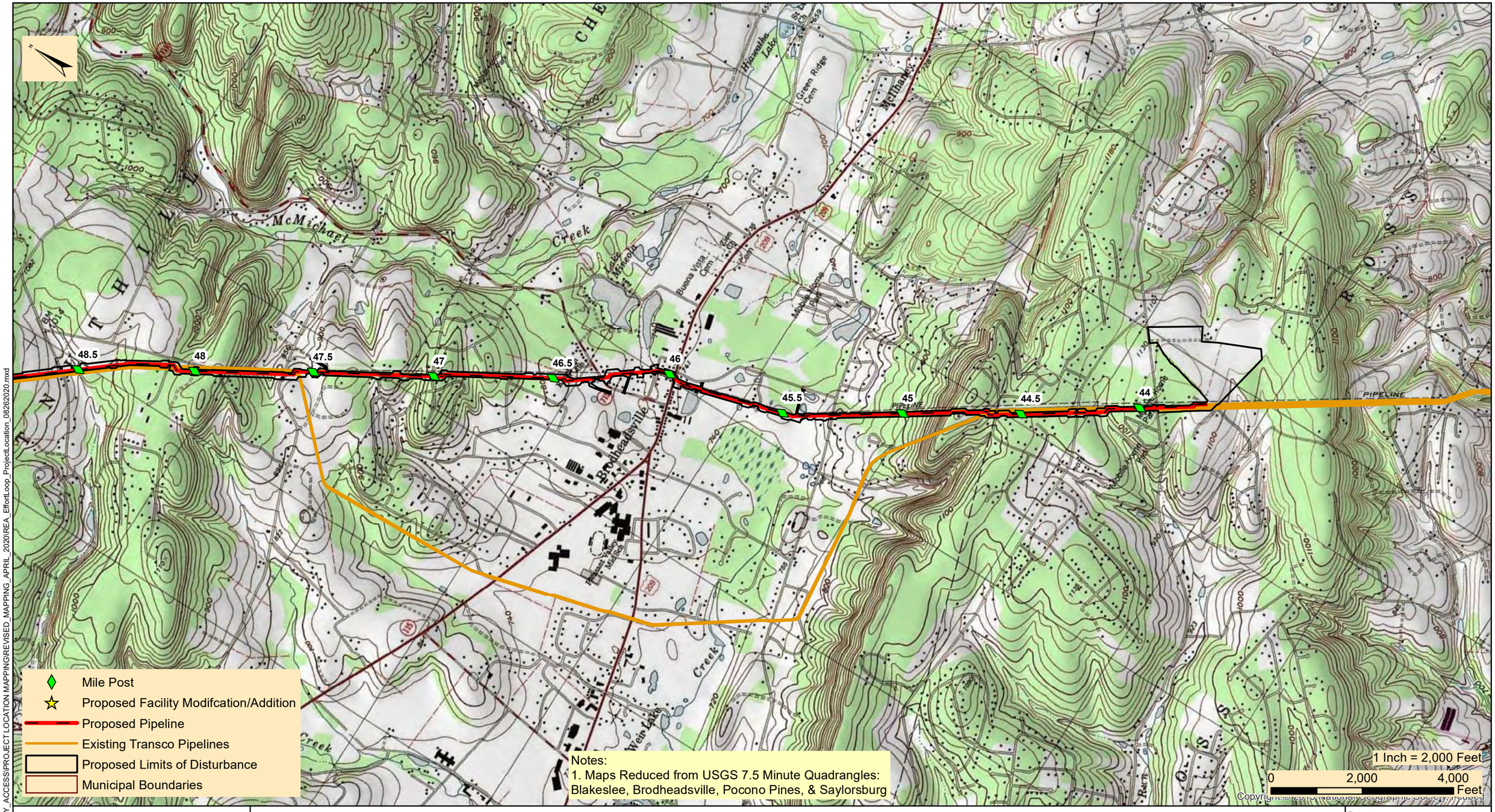
Project Component	Site	Site Location City	ZIP Code	Detailed Written Directions to Site	Latitude / Longitude
Effort Loop	Eastern Terminus	Saylorsburg	18353	From 209: heading East – Turn Right onto Frable Rd/T432. Follow for 1.7 miles. Turn Right onto Meixsell Valley Road/T361. Follow for .2 miles then turn left. Destination is in ~340 feet. Heading West-Turn Left onto Rte 115. Follow for 1.1 miles, then turn right onto Meixsell Valley Rd/T361. Continue for 1.4 miles then turn left. Destination is in ~340 feet.	40.896796, -75.370606
	Western Terminus	Long Pond	18334	From I-80: Heading East- Take exit 284 for PA-115 towards Blakeslee. Keep right at the fork, follow signs for Lake Harmony/Brodheadsville and merge on PA-115 S. Follow for 3.2 miles. Turn Left onto Long Pond Road. Destination will be in ~.2 miles. Heading West- Take exit 384 for PA-115 S. Turn left onto PA-115 S. Follow for 3.4 miles. Turn Left onto Long Pond Rd. Destination will be in ~.2 miles.	41.053413, -75.526178
Regional Energy Lateral	Eastern Terminus	White Haven	18661	From I-80: Heading West-Take exit 284 towards Blakeslee. Merge onto PA-115 N. Follow for 8.2 Miles. Turn Right onto Ridgeway Ave. Destination will be in .2 miles. Heading East- Take exit 284 towards Blakeslee. Turn left onto PA-115 N. Follow for 8.4 miles. Turn Right onto Ridgeway Ave. Destination will be in .2 miles. From I-476: Heading South- Take exit 105 to merge onto PA-115 S. Follow PA-115 S for 8.4 miles. Turn left onto Ridgeway Ave. Destination will be in .2 Miles	41.173337, -75.671706
	Western Terminus	Dallas	18612	From PA-309: Heading South-Head South on PA-309 S toward Dallas RV and MHP. Turn Left onto Hildebrandt Rd. Follow for .4 miles then turn right onto Conyngham Ave. Follow for .4 miles. Continue onto Fairground Road. Destination will be to the left in .2 Miles. Heading North-Head North on PA-309 N toward Grandview Ave. Turn right onto Hildebrandt Rd. Follow for .4 miles then turn right onto Conyngham Ave. Follow for .4 miles. Continue onto Fairground Road. Destination will be to the left in .2 Miles.	41.346917, -75.946263
Compressor Station 515		White Haven	18661	Same as REL Eastern Terminus	41.173337, -75.671706
Compressor Station 200		Frazer	19355	From I-76: East Bound- Take exit 312 toward PA-100 S/Pottstown Pike (Toll Rd). Keep left at the fork and follow signs for PA-100 S/Downingtown and merge onto PA-100 S/Pottstown Pike. Follow for 2.5 miles. Turn left onto N. Ship Rd and follow for .6 miles. Turn left onto Valley Hill Rd and follow for 1.7 miles. Turn right onto PA-401 E. Follow for .5 miles then turn right onto Bacton Hill Rd. Destination will be in .5 Miles. Heading West-Take exit 320 toward Melvern Turn left onto PA-29 S. Turn right at the 1st cross street onto Flat Rd. Turn right onto Sidley Road and then in .4 miles, turn left onto Phoenixville Pike. In .9 miles turn right onto PA-401 W and follow for 1 mile. Turn left onto N. Bacton Hill Road. Destination will be on the right in .5 miles.	40.049969, -75.585849
Delaware River Regulator/Lower Mud Run Meter Station		Easton	18040	To Delaware River Regulator- From 22: East Bound- Take the 4th Street/PA-248 Exit toward PA-611. Turn Left onto PA-248 E/Bushkill St. Follow for .4 miles then turn left onto PA-611 N. Keep right to continue on PA-611 N/N Delaware Dr and follow for 5 miles. Turn Left onto Lower Mud Run Rd. Destination will be on the left in .4 miles. To Lower Mud Run Meter Station- Head +/- 200' northwest from the Delaware River Regulator. The site is immediately adjacent to Delaware River Regulator.	40.762166, -75.19644/ 40.762706, -75.197631
Main Line A Regulator		Washington Crossing	18977	From I-295: Take exit 10 toward New Hope. Turn left onto Taylorsville Rd. Continue straight to stay on Taylorsville Rd. In .9 miles turn right onto Mt Eyre Rd. Follow for .2 miles then turn right onto PA-32 S. The destination will be on the right in 407 feet.	40.268063, -74.857125

Transcontinental Gas Pipe Line Company, LLC

Requirement I – Project Location Map

Regional Energy Access Expansion Project – Effort Loop

April 2021
(Revised March 2022)



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TRANSCONTINENTAL GAS PIPE LINE COMPANY, LLC

REGIONAL ENERGY ACCESS EXPANSION PROJECT

PROPOSED 42" LEIDY D EFFORT LOOP

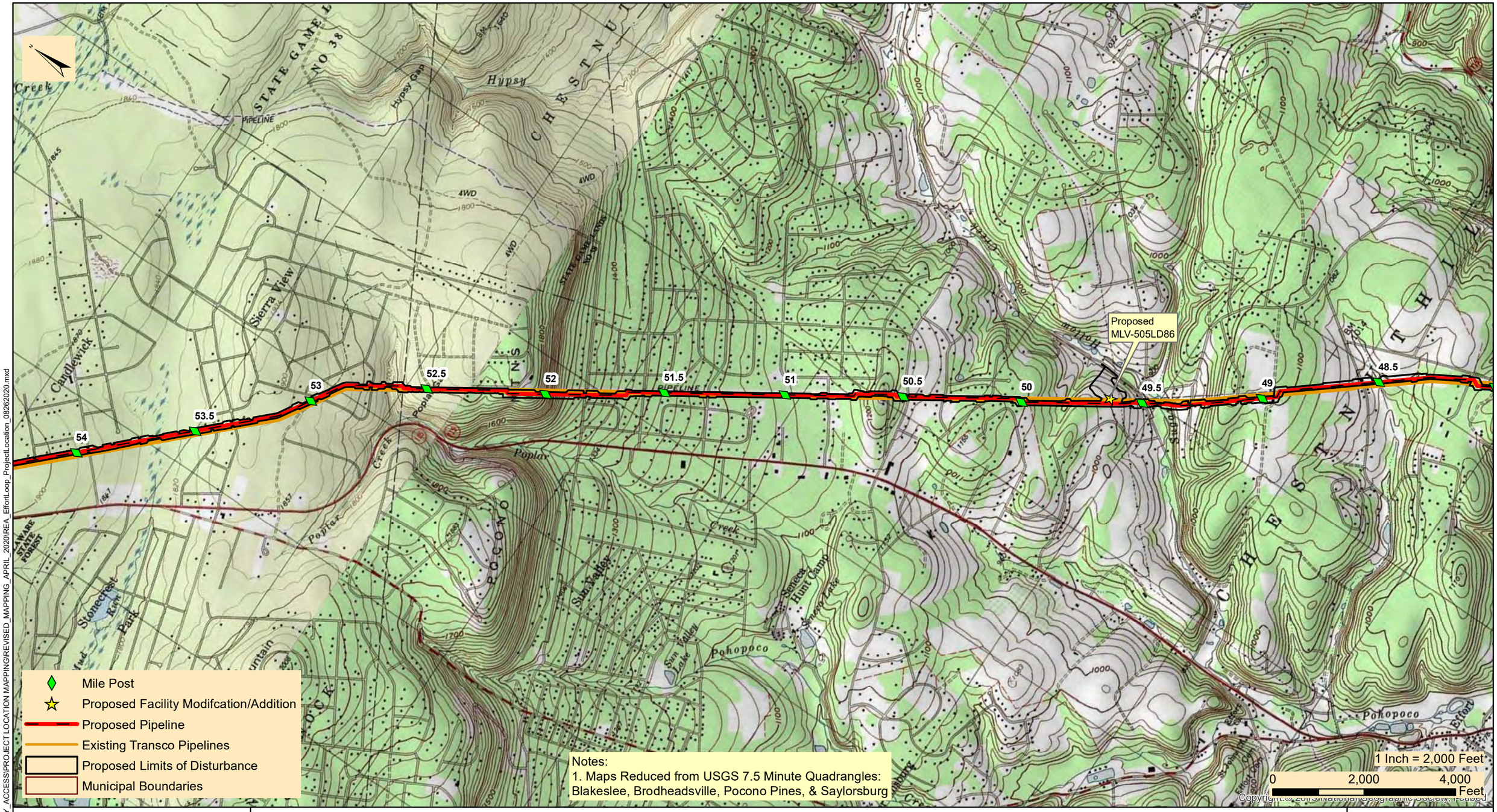
PROJECT LOCATION MAP

CHESTNUT HILL & ROSS TOWNSHIP | MONROE COUNTY | PENNSYLVANIA

Date: 2/10/2022

Drawn By: FTN

Figure Number: EL-1



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TRANSCONTINENTAL GAS PIPE LINE COMPANY, LLC

REGIONAL ENERGY ACCESS EXPANSION PROJECT

PROPOSED 42" LEIDY D EFFORT LOOP

PROJECT LOCATION MAP

CHESTNUT HILL & TUNKHANNOCK TOWNSHIP | MONROE COUNTY | PENNSYLVANIA

Date: 2/10/2022

Drawn By: FTN

Figure Number: EL-2

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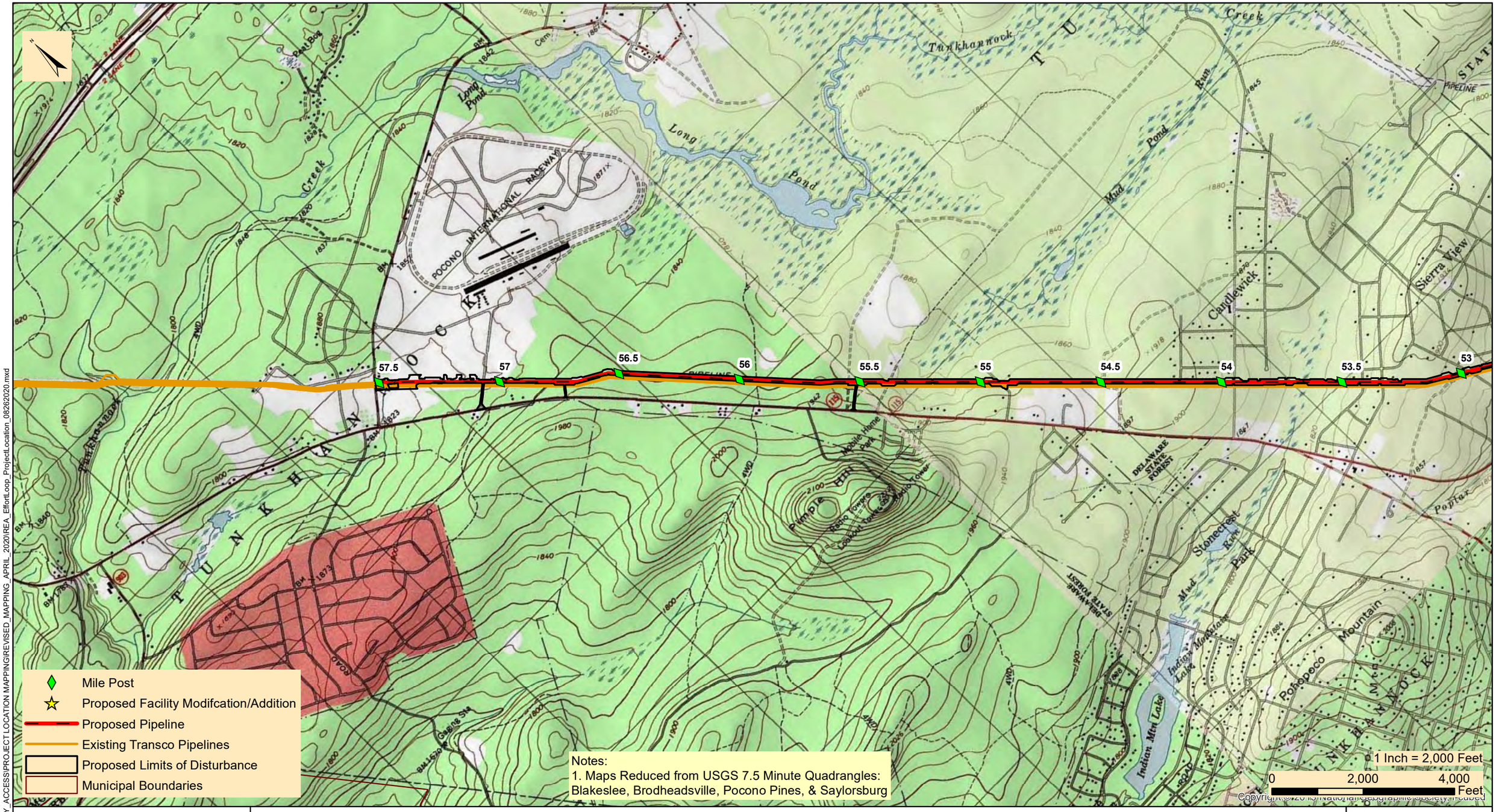

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TRANSCONTINENTAL GAS PIPE LINE COMPANY, LLC

REGIONAL ENERGY ACCESS EXPANSION PROJECT

PROPOSED 42" LEIDY D EFFORT LOOP

PROJECT LOCATION MAP

TUNKHANNOCK TOWNSHIP | MONROE COUNTY | PENNSYLVANIA

Date: 2/10/2022

Drawn By: FTN

Figure Number: EL-3

pennsylvania
DEPARTMENT OF ENVIRONMENTAL PROTECTION

COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
BUREAU OF CLEAN WATER

COUNTY NOTIFICATION OF PLANNED LAND DEVELOPMENT FOR CHAPTER 102 PERMITS

PROJECT INFORMATION (COMPLETED BY APPLICANT)

Applicant Name:	**Transcontinental Gas Pipe Line Company, a subsidiary of Williams Partners, L.P.**	Contact Name:	**Joseph Dean** **Manager-Permitting**
Applicant Address:	**2800 Post Oak Blvd, Level 11**	Contact Phone:	**(713) 215-3427**
Applicant City, State, ZIP:	**Houston, TX 77056**	County:	**Monroe**

Description of Proposed Land Development and Stormwater Controls:

The Effort Loop component of the Regional Energy Access Expansion Project will consist of approximately 13.8 miles of 42-inch pipeline co-located with existing Transco Leidy Lines between Mileposts 43.72 and 57.50 in Ross, Chestnuthill and Tunkhannock Townships, Monroe County. The new pipeline will tie-in to the existing 42-in Leidy Line "D" on both ends, completing the segment. With the segment completed, the existing pig traps (industry term for manifolds that launch or receive in-line inspection tools) at both tie-ins will no longer be needed and will therefore be removed, while the existing mainline valves will remain. Transco will be installing a new mainline valve and appurtenant equipment at Milepost 49.6 off of Sugar Hollow Road. The valve installation is a means to isolate gas flows. One Contractor Yard is proposed at the east end of the pipeline at MP 43.72. One remote anode groundbed is proposed at MP 43.72. E&S and PCSM BMP's are proposed.

Municipality: **Ross,Chestnuthill, Tunkhannock**

Project Area: **360.63** acres ☐ Phased

Disturbance: **262.18** acres

Surface Waters Receiving Stormwater Discharges:

Lake Creek, Princess Run, Weir Creek, McMichael Creek, Pohopoco Creek, Sugar Hollow Creek, Poplar Creek, Mud Run, Mud Pond Run, Tunkhannock Creek

Tax Parcel ID(s) Affected by Proposed Land Development:

See attached table

Discharge to: ☐ MS4 ☐ Other SS ☐ CSS

The following information was submitted to the county for this project:

☐ Land Development / Subdivision Plan ☒ E&S Plan ☒ PCSM Plan ☐ Other:

***On March 31, 2021 Transco submitted to you its E&S and PCSM Plans (Plans) as part of the ESCGP-3 permit application notification. The purpose of this notice is to let you know that Transco will be submitting an Erosion and Sediment Control Permit for Discharges of Stormwater Associated with Construction Activities Application to the PA Dept. of Environmental Protection to replace the ESCGP-3 application. Please refer to the previously submitted Plans.**

COUNTY PLAN INFORMATION (COMPLETED BY COUNTY)

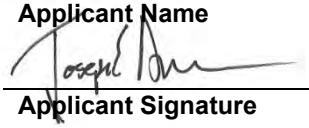
Name of county organization completing this assessment:

1.	Is there an adopted county or multi-county comprehensive plan?	☐ Yes	☐ No	
2.	If Yes to #1, is the proposed project consistent with the county plan?	☐ Yes	☐ No	
3.	Is there a DEP-approved Act 167 stormwater management plan?	☐ Yes	☐ No	☐ CCD
4.	If Yes to #3, is the proposed project consistent with the Act 167 plan, without waiver?	☐ Yes	☐ No	☐ CCD
5.	If Yes to #3, list the date of the latest plan / update approved by DEP:			☐ CCD

APPLICANT CERTIFICATION	COUNTY ACKNOWLEDGEMENT
I certify under penalty of law (see 18 Pa.C.S. § 4904 (relating to unsworn falsification)) that the information reported herein was prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the information, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.	The county acknowledges that a permit application for the above-referenced project has been submitted to a reviewing agency and that notification requirements of Act 14 of 1984 and Acts 67, 68, and 127 of 2000 have been satisfied. The information reported herein by the county is true and accurate. County acknowledgment of receipt of notification shall not be construed as project approval.

Joseph Dean

Applicant Name



Applicant Signature

Manager - Permitting

Applicant Title

07/01/2021

Date of Signature

County Representative Name

County Representative Signature

County Representative Title

Date of Signature

Tax Account Number / APN	Legal Desc County	Municipality
02/111157	Monroe	Chestnuthill
02/112293	Monroe	Chestnuthill
02/113019	Monroe	Chestnuthill
02/113022	Monroe	Chestnuthill
02/113418	Monroe	Chestnuthill
02/116754	Monroe	Chestnuthill
02/116777	Monroe	Chestnuthill
02/116778	Monroe	Chestnuthill
02/116779	Monroe	Chestnuthill
02/14/1/28-4	Monroe	Chestnuthill
02/14/1/4-5	Monroe	Chestnuthill
02/14/1/6	Monroe	Chestnuthill
02/14/1/7-4	Monroe	Chestnuthill
02/14/1/7-5	Monroe	Chestnuthill
02/14B/1/100	Monroe	Chestnuthill
02/14B/1/101	Monroe	Chestnuthill
02/14B/1/107	Monroe	Chestnuthill
02/14B/1/108	Monroe	Chestnuthill
02/14B/1/122	Monroe	Chestnuthill
02/14B/1/123	Monroe	Chestnuthill
02/14B/1/76	Monroe	Chestnuthill
02/14B/1/82	Monroe	Chestnuthill
02/14B/1/83	Monroe	Chestnuthill
02/14B/1/84	Monroe	Chestnuthill
02/14B/1/85	Monroe	Chestnuthill
02/14B/1/86	Monroe	Chestnuthill
02/14B/1/99	Monroe	Chestnuthill
02/14C/1/5	Monroe	Chestnuthill
02/14C/1/6	Monroe	Chestnuthill
02/14C/2/27	Monroe	Chestnuthill
02/14C/2/28	Monroe	Chestnuthill
02/14C/2/29	Monroe	Chestnuthill
02/14C/2/30	Monroe	Chestnuthill
02/14C/2/35	Monroe	Chestnuthill
02/14C/2/36	Monroe	Chestnuthill
02/14C/2/37	Monroe	Chestnuthill
02/14C/2/38	Monroe	Chestnuthill
02/14C/2/39	Monroe	Chestnuthill
02/14C/2/40	Monroe	Chestnuthill
02/14C/2/41	Monroe	Chestnuthill
02/14C/2/42	Monroe	Chestnuthill
02/14C/2/44	Monroe	Chestnuthill

02/14C/2/87	Monroe	Chestnuthill
02/14C/2/88	Monroe	Chestnuthill
02/14C/2/89	Monroe	Chestnuthill
02/14C/2/90	Monroe	Chestnuthill
02/14F/1/10	Monroe	Chestnuthill
02/14F/1/11	Monroe	Chestnuthill
02/14F/1/12	Monroe	Chestnuthill
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02/3/1/58-3	Monroe	Chestnuthill
02/3/1/61	Monroe	Chestnuthill

02/3/1/62-1	Monroe	Chestnuthill
02/3/1/66	Monroe	Chestnuthill
02/3/1/66-2	Monroe	Chestnuthill
02/3/1/67	Monroe	Chestnuthill
02/7/1/45	Monroe	Chestnuthill
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02/7/1/46-13	Monroe	Chestnuthill
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02/8/1/1	Monroe	Chestnuthill
02/8/1/23	Monroe	Chestnuthill
02/8/1/23-3	Monroe	Chestnuthill
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02/86565	Monroe	Chestnuthill
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02/8C/2/13	Monroe	Chestnuthill
02/8C/2/3	Monroe	Chestnuthill
02/8C/2/4	Monroe	Chestnuthill
02/92517	Monroe	Chestnuthill
02/9A/1/27	Monroe	Chestnuthill
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02/9A/2/16	Monroe	Chestnuthill
02/9A/2/17	Monroe	Chestnuthill
02/9A/2/18	Monroe	Chestnuthill
15/6/1/25-7	Monroe	Chestnuthill
N/A	Monroe	Chestnuthill
Not being assessed	Monroe	Chestnuthill
20/3A/1/104	Monroe	Chestnuthill
15/6/1/10	Monroe	Ross
15/6/1/11	Monroe	Ross
15/6/1/17-1	Monroe	Ross
15/6/1/17-4	Monroe	Ross
15/6/1/24	Monroe	Ross
15/6/1/25-8	Monroe	Ross
15/6/1/26	Monroe	Ross
15/6/1/37	Monroe	Ross
15/6/1/6-1	Monroe	Ross
15/6/1/6-2	Monroe	Ross
15/6/1/9	Monroe	Ross
15/6B/1/27	Monroe	Ross
20/86525	Monroe	Chestnuthill and Tunkhannock
20/10/1/2	Monroe	Tunkhannock
20/11/1/53	Monroe	Tunkhannock
20/11/1/56	Monroe	Tunkhannock

20/111968	Monroe	Tunkhannock
20/111969	Monroe	Tunkhannock
20/113985	Monroe	Tunkhannock
20/3A/1/101	Monroe	Tunkhannock
20/3A/1/102	Monroe	Tunkhannock
20/3A/1/103	Monroe	Tunkhannock
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20/8/1/7	Monroe	Tunkhannock
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20/86206	Monroe	Tunkhannock
20/86207	Monroe	Tunkhannock
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20/8A/2/14	Monroe	Tunkhannock
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20/8A/2/33	Monroe	Tunkhannock

20/8A/2/34	Monroe	Tunkhannock
20/8A/2/42	Monroe	Tunkhannock
20/8A/2/43	Monroe	Tunkhannock
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20/8A/2/45	Monroe	Tunkhannock
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20/8J/1/18	Monroe	Tunkhannock
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20/8J/1/55	Monroe	Tunkhannock
20/8J/1/56	Monroe	Tunkhannock
20/92731	Monroe	Tunkhannock
20/94409	Monroe	Tunkhannock
N/A	Monroe	Tunkhannock

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WHM CONSULTING, INC

Tracking Number:	**1Z8797VV0390819842**
Ship To:	MONROE COUNTY PLANNING COMMISSION ONE QUAKER PLAZA ROOM 106 STROUDSBURG, PA 18360 US
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March 31, 2021

UPS TRACKING (1Z8797VV0390758971)

Monroe County Planning Commission
One Quaker Plaza, Room 106
Stroudsburg, PA 18360

Re: Regional Energy Access Expansion Project – Effort Loop
Pennsylvania Acts 14, 67, 68, and 127 Notification
Chestnuthill, Ross, and Tunkhannock Townships, Monroe County, Pennsylvania

Dear Monroe County Commissioners:

This municipal notice, under the requirements of Act 14, 97 P.S. § 510-5, is to inform you that Transcontinental Gas Pipe Line Company, LLC (Transco), a subsidiary of The Williams Companies, Inc. (Williams) is applying for coverage under the Erosion and Sediment Control General Permit (ESCGP-3) for Earth Disturbance Associated with Oil & Gas Exploration, Production, Processing or Treatment Operations or Transmission Facilities from the Pennsylvania Department of Environmental Protection (DEP).

1) Project Name: Regional Energy Access Expansion Project – Effort Loop

2) Project Description: Transco, indirectly owned by The Williams Companies, Inc. (Williams), is seeking authorization from the Federal Energy Regulatory Commission (FERC or Commission) under Section 7(c) of the Natural Gas Act and Part 157 of the Commission's regulations, to construct, own, operate, and maintain the proposed Project facilities. The Project is an expansion of Transco's existing natural gas transmission system that will enable Transco to provide an incremental 829,400 dekatherms per day (Dth/d) of year-round firm transportation capacity from the Marcellus Shale production area in northeastern Pennsylvania (PA) to multiple delivery points along Transco's Leidy Line in PA, Transco's mainline at the Station 210 Zone 6 Pooling Point in Mercer County, New Jersey (NJ) and multiple delivery points in Transco's Zone 6 in NJ, PA, and Maryland (MD).

The Effort Loop component of the Project will consist of approximately 13.8 miles of 42-inch pipeline co-located with existing Transco Leidy Lines between Mileposts 43.72 and 57.50 in Ross, Chestnuthill and Tunkhannock Townships, Monroe County. The new pipeline will tie-in to the existing 42-in Leidy Line "D" on both ends, completing the segment. With the segment completed, the existing pig traps (industry term for manifolds that launch or receive in-line inspection tools) at both tie-ins will no longer be needed and will therefore be removed, while the existing mainline valves will remain. Transco will be installing a new mainline valve and appurtenant equipment at Milepost 49.6 off of Sugar Hollow Road. The valve installation is a means to isolate gas flows. One Contractor Yard is proposed at the east end of the pipeline at MP 43.72. One remote anode groundbed is proposed at MP 43.72.

3) Applicant Name: Transcontinental Gas Pipe Line Company, LLC's (Transco), a subsidiary of Williams Partners L.P. (Williams)

4) Applicant Contact: Joseph Dean
Environmental Manager
2800 Post Oak Blvd, Level 11
Houston, TX 77056
(713) 215-3417

5) Site Location: The proposed Project is located on the Blakeslee, Pocono Pines, Brodheadsville and Saylorsburg, Pennsylvania, 7.5 Minute USGS quadrangle. The Project is co-located with an existing pipeline right-of-way. The western terminus of the Effort Loop is located at: 41.053413, -75.526178, and the eastern terminus is location at: 40.896796, -75.370606.

6) Municipality / County: Chestnuthill, Ross, and Tunkhannock Townships, Monroe County

Act 14, which amended the Commonwealth's Administrative Code (71 P.S. § 510-5), requires every applicant for a new, amended, or revised permit to give written notice to each municipality (borough, township) and county government in which the facility is located. The municipality and county government must receive the written notice at least thirty (30) - days before DEP may issue or deny approval of coverage.

Enclosed is a complete copy of the Notice of Intent (NOI) completed for the project as well as copies of the erosion and sediment control plan and post construction stormwater management plans.

Sincerely,

Ryan J. Nelson, PWS
WHM Consulting, LLC

Enclosures:
NOI Form
Erosion and Sediment Control Plan Drawings
Post Construction Stormwater Management Plan Drawings

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WHM CONSULTING, INC

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pennsylvania
DEPARTMENT OF ENVIRONMENTAL PROTECTION

COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
OFFICE OF WATER PROGRAMS
OFFICE OF OIL AND GAS MANAGEMENT

OFFICIAL USE ONLY
ID # T
Date Received
AUTH
SITE
CLNT
APS
Fee
Check No.
Check Date

NOTICE OF INTENT (NOI) FOR COVERAGE UNDER THE EROSION AND SEDIMENT CONTROL GENERAL PERMIT (ESCGP-3) FOR EARTH DISTURBANCE ASSOCIATED WITH OIL AND GAS EXPLORATION, PRODUCTION, PROCESSING, OR TREATMENT OPERATIONS OR TRANSMISSION FACILITIES

READ THE INSTRUCTIONS PROVIDED IN THIS PERMIT APPLICATION PACKAGE BEFORE COMPLETING THIS FORM. PLEASE PRINT OR TYPE INFORMATION IN BLACK OR BLUE INK.

SECTION A. APPLICATION TYPE

Check one:

NEW ☒ **RENEWAL** ☐ **MAJOR MODIFICATIONS (Provide ESCGP number)** ☐

PHASED ☐ (check only if applicable; *note: Most projects are not submitted as phased projects*)

Check one: EXPEDITED ☐ **STANDARD** ☒

If an Expedited Review Process being requested, be advised that the Expedited Review is not available for all projects. Refer to Section D - Expedited Review Process of the ESCGP-3 NOI Instructions to determine if the project is eligible.

SECTION B. CLIENT INFORMATION

Applicant's Last Name (If applicable)	First Name	MI	Telephone No.
Organization Name or Registered Fictitious Name Transcontinental Gas Pipe Line Company, LLC (Contact: Joseph Dean)			Telephone No. (713) 215-3427
DEP Client ID No.			
Headquarters Mailing Address 2800 Post Oak Blvd, Level 11	City Houston	State TX	ZIP Code 77056
Email Address Joseph.Dean@williams.com			
Co-Applicant's Last Name (If applicable)	First Name	MI	Telephone No.
Organization Name or Registered Fictitious Name			Telephone No.

Address	City	State	ZIP Code
Email Address			

SECTION C. SITE INFORMATION			
Is there an existing ESCGP associated with this site? ☐ Yes ☒ No If yes, Permit No. _____			
Has a well permit application been submitted for this site? ☐ Yes ☒ No If yes, Permit No. _____ Does this site have a 911 address? ☐ Yes ☒ No If yes, provide site location address.			
Site Name Regional Energy Access Expansion Project			
Site Location See Attachment 1-1.1- NOI Supporting Information	Site No. (if another permit has been issued for the site)		
Site Location – City See Attachment 1-1.1- NOI Supporting Information		State PA	ZIP Code
Detailed Written Directions to Site See Attachment 1-1.1- NOI Supporting Information for locations of all project sites			

Primary Location	County	Municipality	City	Boro	Twp.
	Luzerne, Northhampton, Bucks, Chester, and Monroe	Buck, Bear Creek, Plains, Jenkins, Kingston, Lower Mt. Bethel, Ross, Chestnut Hill, Tunkhannock, Lower Makefield, East Whiteland and Dallas Townships Wyoming, West Wyoming, and Laflin Boroughs	☐	☒	☒

SECTION D. EXPEDITED REVIEW	
I. Expedited Review Eligibility	
1. Is any part of the project in the watershed of a surface water with an existing or designated use of exceptional value or high quality pursuant to Chapter 93 (relating to water quality standards), in an exceptional value wetland in accordance with 25 Pa. Code § 105.17, or in the watershed of an impaired surface water where the cause of the impairment is identified as siltation?	☒ Yes ☐ No
2. Will the project in which the well pad will be constructed be in or on a floodplain?	☐ Yes ☒ No
3. Is any earth disturbance located or proposed to be located on land known to be contaminated by the release of regulated substances as defined in Section 103 of Act 2, 35 P.S. § 6026.103?	☐ Yes ☒ No
4. Will naturally occurring geologic formations or soil conditions provide hazards to the project or surrounding environment or have the potential to cause or contribute to pollution when disturbed?	☒ Yes ☐ No
5. Do any unresolved non-compliance issues exist with the applicant or the facility?	☐ Yes ☒ No
6. Is the project a transmission project?	☒ Yes ☐ No

If yes to any of the above questions the project is not eligible for Expedited Review; If the project is eligible for Expedited Review, all the following items must be completed.	
II. Expedited Review Process	
1. Is the technically and administratively complete and accurate NOI package prepared and certified by a licensed professional?	☐ Yes ☐ No
2. Are E&S and PCSM/Site Restoration Plan drawings and narrative prepared and sealed by a licensed professional? *(Include interim restoration details when needed)*	☐ Yes ☐ No
3. Include a Resource Delineation Report and answer the following questions: (If the answer to question a. is "Yes" then skip to #4. If the answer to a. is "No" the applicant must answer "Yes" to at least one of the questions, b. through d. to be eligible for expedited review.)	
a. Were all wetland resources delineated during the growing season?	☐ Yes ☐ No
b. If not during the growing season, was a follow-up visit conducted during the growing season to verify/adjust boundaries and look for potentially missed resources?	☐ Yes ☐ No
c. Was a quality assurance field review conducted at a later date by an independent qualified wetland professional to verify boundaries and look for potentially missed resources? (If yes, attach Quality Assurance Field Review Report)	☐ Yes ☐ No
d. Was a Jurisdictional Determination (JD) or Preliminary JD conducted by the US Army Corps of Engineers on the whole project? (If yes, attach Preliminary or Jurisdictional Determination Report)	☐ Yes ☐ No
4. If applicable, have you included PNDI clearance letters or other documentation from applicable resource agencies?	☐ Yes ☐ No
5. If the project site contains, is along, or within 100 feet of a river, stream, creek, lake, pond or reservoir, will you establish new or preserve existing riparian forest buffer at least 100 feet in width between the top of streambank or normal pool elevation of a lake, pond or reservoir and areas of earth disturbances. If no, will a waiver be obtained? ☐ Yes ☐ No	☐ Yes ☐ No
6. Name of Licensed Professional Company	
Address	
Phone	

SECTION E. PROJECT INFORMATION			
1. Total Project Area/Project Site (Ac):	1,346 (Also see Attachment 1-1.1)	Total Disturbed Area (Ac):	689.8 (Also see Attachment 1-1.1)
Increased disturbed acreage *(for permit modification only)*			
Fee: ***(For additional information regarding fees, refer to NOI Instructions #3 Permit NOI Filing Fees.)***			$ $500 (Filing Fee), $69,000 (Disturbed Acre Fee)
2. Project Name: Regional Energy Access Expansion Project			

3. Project Type (Check all that apply)

- ☐ Oil/Gas Well [1]
- ☐ Gathering Facility
- ☐ Treatment Facility
- ☒ Compressor Station
- ☒ Pipeline
- ☐ Storage Field Facility
- ☐ Other
- ☒ Transmission Facility
- ☐ Processing Facility
- ☐ Well Development Impoundment
- ☐ Non-FERC regulated Transmission Facility
- ☐ Ground/Surface Water Withdrawal Site

[1] If Oil/Gas Well; is the well conventional or unconventional? ☐ Conventional ☐ Unconventional

Project Description

Transco, indirectly owned by The Williams Companies, Inc. (Williams), is seeking authorization from the Federal Energy Regulatory Commission (FERC or Commission) under Section 7(c) of the Natural Gas Act and Part 157 of the Commission's regulations, to construct, own, operate, and maintain the proposed Project facilities

The Project is an expansion of Transco's existing natural gas transmission system that will enable Transco to provide an incremental 829,400 dekatherms per day (Dth/d) of year-round firm transportation capacity from the Marcellus Shale production area in northeastern Pennsylvania (PA) to multiple delivery points along Transco's Leidy Line in PA, Transco's mainline at the Station 210 Zone 6 Pooling Point in Mercer County, New Jersey (NJ) and multiple delivery points in Transco's Zone 6 in NJ, PA, and Maryland (MD). The Project will consist of the following components:
•Approximately 22.3 miles of 30-inch-diameter pipeline partially collocated with Transco's Leidy Line A from milepost (MP) 0.00 to MP 22.32 in Luzerne County, PA (Regional Energy Lateral);
• Approximately 13.8 miles of 42-inch-diameter pipeline collocated with Transco's Leidy Line System from MP 43.72 to MP 57.50 in Monroe County, PA (Effort Loop);
• New gas-fired turbine driven compressor station identified as Compressor Station 201 with 11,107 nominal horsepower (HP) at International Organization of Standardization (ISO) conditions in Gloucester County, NJ;
• Addition of two gas-fired turbine driven compressor units with 31,800 nominal HP at ISO conditions at existing Compressor Station 505 in Somerset County, NJ, to accommodate the abandonment and replacement of approximately 16,000 HP from eight existing internal combustion engine-driven compressor units and increase the certificated station compression by 15,800 HP;
• Addition of two gas-fired turbine driven compressor units with 63,742 nominal HP at ISO conditions and modification of three existing compressors at existing Compressor Station 515 in Luzerne County, PA to support the Project and to accommodate the abandonment and replacement of approximately 17,000 HP from five existing gas-fired reciprocating engine driven compressors and increase the certificated station compression by 46,742 HP;
• Uprate and rewheel two existing electric motor-driven compressor units at existing Compressor Station 195 in York County, PA to increase the certificated station compression by 5,000 HP and accommodate the abandonment of two existing gas-fired reciprocating engine driven compressors which total approximately 8,000 HP of compression;
•Modifications at existing Compressor Station 200 in Chester County, PA;
•Uprate one existing electric motor-driven compressor unit at Compressor Station 207 in Middlesex County, NJ to increase the certificated station compression by 4,100 HP;
• Modifications to three (3) existing pipeline tie-ins in PA (Hildebrandt Tie-in, Lower Demunds REL Tie-in, and Carverton Tie-in);
•Addition of regulation controls at an existing valve setting on Transco's Mainline "A" in Bucks County, PA (Mainline A Regulator);
•Modifications at the existing Delaware River Regulator in Northampton County, PA;
•Modifications at the existing Centerville Regulator in Somerset County, NJ;
•Modifications to the existing valves and piping at the Princeton Junction (Station 210 Pooling Point) in Mercer County, NJ;
• Modifications to three (3) existing delivery meter stations in NJ (Camden M&R Station, Lawnside M&R Station, and Mt. Laurel M&R Station);
•Modifications to one (1) existing delivery meter station in MD (Beaver Dam M&R Station);
•Contractual changes (no modifications) at ten (10) existing delivery meter stations in PA and NJ (Algonquin-Centerville Meter Station, Post Road Meter Station, New Village Meter Station, Spruce Run Meter Station, Marcus Hook Meter Station, Ivyland Meter Station, Repaupo Meter Station, Morgan Meter Station, Lower Mud Run Meter Station, and Chesterfield Meter Station);
• Additional ancillary facilities, such as mainline valves (MLVs), cathodic protection, communication facilities, and internal inspection device (e.g., pig) launchers and receivers in PA; and
• Existing, improved, and new access roads and contractor yards/staging areas in PA, NJ, and MD.
Provide the date of pre-application meeting (if conducted with the Department) 04/27/20, 07/09/20, 09/04/20, 09/30/20, 12/15/20, 12/16/20, 01/06/21, 02/05/21

4. Provide the latitude and longitude coordinates for the center of the project. The coordinates should be in Decimal degrees and North American Datum 1983. The coordinates must meet the current DEP policy regarding locational accuracy. For linear projects provide the project's termini. See Attachment 1-1.1

Latitude (DD) . Longitude (DD) - .

Latitude (DD) . Longitude (DD) - .

Horizontal Collection Method: ☐ GPS ☒ Interpolated from U.S.G.S. Topographic Map ☐ DEP's eMAP

5. U.S.G.S. 7.5 min. topographic quadrangle Name (See Attachment 1-1.1)
(*Include a copy of the project area on the 7.5 min quad map)*

6. Will the project be conducted as a phased permit project? ☐ Yes ☒ No
If Yes, Include Master Site Plan Estimated Timetable for Phased Projects. ☐ Additional sheet(s) attached.

Phase No. or Name	Description	Total Area	Disturbed Area	Start Date	End Date

7. List existing and previous land use for a minimum of the previous 5 years. (See Section 2 of this ESCGP-3 Application)

8. Other Pollutants: Will the stormwater discharge contain pollutional substances other than sediment? ☐ Yes ☒ No

9. Will fuels, chemicals, solvents, other hazardous waste or materials be used or stored on site during earth disturbance activities or will Horizontal Directional Drilling (HDD) activities be conducted?
Yes ☒ No ☐ ***(If yes, Preparedness, Prevention and Contingency (PPC) Plan must be maintained on site during earth disturbance. See NOI Instructions, E.9 PPC Plan Guidance for further information.)***

10. Is the project in the watershed of an impaired surface water where the cause of the impairment is identified as siltation?
Yes ☒ No ☐ (See Section 2-5 of this ESCGP-3 Application) ***(If yes, show how the project will not result in a net change in volume, rate or water quality. See section I below, and E.10 of NOI instructions.)***

11. Are there potentially hazardous naturally occurring geological or soil conditions in any portion of the project or surrounding area? Yes ☒ No ☐

If yes, do the potentially hazardous geologic or soil conditions have the potential to cause or contribute to pollution as a result of the proposed earth disturbance activities?

If no, provide an explanation.

If yes, Geologic Hazard Mitigation Plan must be attached and explain where in this application details are provided.

12. Has the Act 14 Municipal Notification and proof of receipt of notification been attached to the NOI?
Yes ☒ No ☐ ***(If not, the NOI is not complete, see E.12 and #4 Municipal Notification in the NOI Instructions for additional guidance.)***

13. Has the PNDI receipt been attached to the NOI?
Yes ☒ No ☐ ***(If not, the NOI is not complete, see E.13 and #5 PNHP in the NOI Instructions for additional guidance.)***

14. Have the E&S Plan and PCSM/SR Plan been planned and designed to be consistent?
Yes ☒ No ☐

15. Have existing and/or proposed Riparian Forest Buffers been identified?
Yes ☒ N/A ☐ ***(If yes, they must be shown on the E&S Plan as well as the PCSM/SR Plans.)***

16. Have antidegradation implementation requirements for special protection waters been addressed?
Yes ☒ No ☐ N/A ☐ ***(If yes, antidegradation requirements must be included in the plan.)***

17. Has the seasonal high groundwater level been identified and 20-inch separation established at all excavation locations for pits for conventional operations and Well Development Impoundments for unconventional operations?

    Yes ☐ No ☐ N/A ☒

18. Receiving Waters	Chapter 93, Designated Use Stream Classification	Chapter 93, Existing Use Stream Classification
Effort Loop- Lake Creek (HQ-CWF,MF) Princess Run (CWF,MF) Weir Creek (CWF,MF) McMichael Creek (EV, MF) and (HQ-CWF) Pohopoco Creek (CWF,MF) Sugar Hollow Creek (CWF,MF) Poplar Creek (EV,CWF,MF) Mud Run (HQ-CWF, MF) Mud Pond Run (HQ-CWF,EV,MF) Tunkhannock Creek (HQ-CWF,MF) Regional Energy Lateral- Stony Run (HQ-CWF,MF) Shades Creek (HQ-CWF,MF) Little Shades Creek (HQ-CWF,MF) Snider Run (HQ-CWF,MF) Meadow Run (HQ-CWF,MF) Bear Creek (HQ-CWF,MF) Little Bear Creek (HQ-CWF,MF) Mill Creek (CWF,MF) Gardner Creek (CWF,MF) Susquehanna River (WWF,MF) Abrahams Creek (CWF,MF) Toby Creek (CWF,MF) Trout Brook (CWF,MF) Compressor Station 515- Shades Creek (HQ-CWF,MF) Stony Run (HQ-CWF,MF) Compressor Station 200- Valley Creek (EV,MF) Delaware River Regulator- Mud Run (CWF, MF) Mainline "A" Regulator - Dyers Creek (WWF,MF) See Attachment 1-1.1 for detailed list.	☒ HQ ☒ EV ☒ Other CWF, MF, WWF ☒ Siltation-impaired	☐ HQ ☒ EV ☒ Other MF ☐ Siltation-impaired
	☐ HQ ☐ EV ☐ Other _____ ☐ Siltation-impaired	☐ HQ ☐ EV ☐ Other _____ ☐ Siltation-impaired

	☐ HQ ☐ EV ☐ Other _____ ☐ Siltation-impaired ☐ HQ ☐ EV ☐ Other _____ ☐ Siltation-impaired	☐ HQ ☐ EV ☐ Other _____ ☐ Siltation-impaired ☐ HQ ☐ EV ☐ Other _____ ☐ Siltation-impaired
Secondary Receiving Water	Secondary Chapter 93, Designated Use	Secondary Existing Use
Name of Municipal or Private Separate Storm Sewer Operator, if applicable.		
Non-Surface Receiving Water: (include off-site discharges)		

SECTION F. EROSION AND SEDIMENT CONTROL (E&S) PLAN

See the attached Instructions for additional guidance with E&S Plans

Erosion and Sediment Control Plan BMPs should be designed to minimize accelerated erosion and sedimentation through limiting the extent and duration of earth disturbance, protection of existing drainage and vegetation, limiting soil compaction and controlling the generation of increased runoff. The Department recommends the use of the *Pennsylvania Erosion & Sedimentation Pollution Control Program Manual (E&S Manual)* (363-2134-008) to achieve this goal. The E&S Plan must meet the requirements of Pa. Code § 102.4(b) and submitted with the NOI. Also, see section 2. of the NOI instruction for detailed information on completing the E&S plan and additional requirements.

a. E&S Plan Summary

Provide a summary of proposed E&S BMPs and their performance to manage E&S for the project.

Typical BMPs provided along the pipeline Right-Of-Way includes waterbars, trench plugs, compost filter socks, compost sediment traps, rock filter outlets, erosion control blankets, rock construction entrances, temporary equipment bridges, timber mats, diversion channels, level spreaders, mulch and seed. An appropraite sediment removal device (filter bag, dewatering structure) and well-vegetated area will be utilized for trench dewatering. In HQ, EV watersheds, appropriate Antidegradation Best Available Combination of Technologies (ABACT) BMPs will be utilized. Additional information regarding all the proposed BMPs are provided in the Erosion and Sedimentation Control and Site Restoration Plans of respective project components (Section 2 of this ESCGP-3 Application).

b. E&S Plan BMP Design

Check those that apply:

☒ E&S Plan is designed using BMPs in the *E&S Manual*.

☐ E&S Plan is designed using an alternative BMP or design standard approved by DEP.

Note: NOI packages submitted with alternate BMPs not approved by the Department will be returned to the Applicant.

c. Do you have any information regarding riparian buffer which differs from Section G, Riparian Buffer?

Yes ☐ No ☒

Explain:

d. Thermal Impacts Analysis

Explain how thermal impacts associated with this project were avoided, minimized, or mitigated.

Thermal impacts associated with Regional Energy Access Expansion Project will be avoided to the maximum extent possible. Minimum permanent changes in land cover are being proposed for constructing the pipeline facilities. Runoff from impervious areas added during the project will be suitably routed to Stormwater BMPs. Gravel will be used for access roads wherever practicable. To avoid thermal impacts arising from clearing and grading, removal of vegetation will be limited to only that necessary for construction and construction Right-Of-Way will be limited to 75 feet in wetlands and floodways where practical. Once construction activities are complete, disturbed areas will be restored to pre-construction contours and seeded as described in Erosion and Sediment Control and Site Restoration Plans. Temporary workspaces will be restored back with woody and herbaceous species. Thermal impacts assessments corresponding to each project component including pipelines and aboveground facilities are given in Section 2 and 3 of this ESCGP-3 Application.

e. Off-Site Discharge Analysis

Does the activity propose any off-site discharges to areas other than surface waters? ☒ Yes ☐ No

If yes, it is the applicant's responsibility to ensure that they have legal authority for any off-site discharge to neighboring properties.

The applicant must provide a demonstration in both E&S and PCSM/SR plans that the discharge will not cause erosion, damage, or a nuisance to off-site properties.

See Offsite Discharge Analysis Sections in E&S Narratives

SECTION G. RIPARIAN BUFFER

1. Will you be protecting, converting or establishing a voluntary riparian forest buffer as part of this project?
   ☐ Yes ☒ No
   If yes, as part of the PCSM/SR Plan, provide a Buffer Management Plan.
2. Will proposed earth disturbance activities be conducted in an EV or HQ watershed AND within 150 feet of a perennial or intermittent river, stream, or creek, or lake, pond, or reservoir? ☒ Yes ☐ No

   If no, proceed to the next section/module.
3. Does this project qualify for an exception (see § 102.14(d)(1))? ☒ Yes ☐ No

   If yes, indicate below the type of project for which the exception applies by marking the appropriate box.

   ☐ Oil and gas activities for which site reclamation or restoration is part of the permit authorization in Chapter 78 and 78a.

   ☒ Road maintenance activities.

   ☐ The repair or maintenance of existing pipelines and utilities.

   ☐ Other (see §102.14(d)(1))

   If exceptions are checked, explain how existing riparian buffer will be undisturbed to the extent practicable. Provide a demonstration that the requirements of §102.14(b) are met, or provide the necessary information to request a riparian buffer waiver.
4. Are you requesting a riparian buffer waiver for this project (see § 102.14(d)(2))? ☒ Yes ☐ No

   If yes, indicate below the type of project for which you are requesting a waiver by marking the appropriate box.

   ☒ Linear project that may include pipelines, public roadways, rail lines, or utility lines.

   ☒ Project is of a temporary nature where the site will be fully restored to its preexisting conditions during the ESCGP permit term.

   ☒ Project where compliance with mandatory riparian buffers is not appropriate or feasible due to site characteristics or existing structures at the project site.

   ☐ Other (see §102.14(d)(2)):

   If waivers are checked, explain how existing riparian buffers will be undisturbed to the extent practicable.

   Note: If “Yes” to #2 **AND** “No” to #3 and #4, provide an attachment to demonstrate how the requirements of §102.14 are met.

SECTION H. POST CONSTRUCTION STORMWATER MANAGEMENT (PCSM) AND/OR SITE RESTORATION(SR) PLAN

See NOI Instructions for additional guidance with PCSM Plans

PCSM/SR BMPs should be designed to use natural measures to eliminate pollution, infiltrate runoff, not require extensive construction/maintenance, promote pollutant reduction, and preserve the integrity of stream channels. All PCSM/SR BMPs proposed in the PCSM/SR Plan must be designed in accordance with Ch. 102, Ch. 78a for unconventional operations, Ch. 78 for conventional operations and the *Pennsylvania Stormwater Best Management Practices Manual (Stormwater BMP Manual)* (363-0300-002). If alternate design criteria are utilized for the proposed project, they must have prior approval by the Department, or the NOI Application will be returned to the Applicant.

After construction is completed, how much of the entire disturbed area will be restored to meadow in good condition or better, or existing conditions? ☐ All ☒ Partial ☐ None

Include PCSM narrative and drawings for remaining impervious area. Also include a map showing the proposed contours of the site restoration plan.

If there are additional stages of the project prior to permit termination or expiration, list the stages and provide the documents required by subsection 'a' to section 'g' for each stage (e.g. partial restoration or changes to the amount of compacted areas, gravel, and/or impervious areas). Upload a narrative for each additional stage in addition to the drawings.

EXAMPLE

Stage No	Stage Name	PCSM Plan	SR Plan
Stage 1		☐	☐
Stage 2		☐	☐
Stage 3		☐	☐
Stage 4		☐	☐

Act 167 Consistency. Check those that apply.

Is there an Act 167 Plan? ☒ Yes ☐ No

☒ The attached PCSM/SR Plan is consistent with an applicable approved Act 167 Plan.

Complete the following for all approved Act 167 Stormwater Management Plans. (Use additional sheets if necessary)

Act 167 Plan Name	Date Adopted	Consistency Letter Included	
Luzerne County Stormwater Management Ordinance	August 18, 2010	Verification Report Included	☒
Valley Creek Watershed Stormwater Management Plan	February 04, 2011		

Note: A consistency letter is not required if a verification report is provided. See NOI Instructions. The PCSM/SR Plan must satisfy either sub paragraph 1, 2, or 3 below. Check those that apply.

1. ☒ Act 167 Plan approvals on or after January 2005 – The attached PCSM/SR Plan, in its entirety, is consistent with all requirements pertaining to rate, volume, and water quality from an Act 167 Stormwater Management Plan approved by DEP on or after January 2005. Box 1 must be checked if a current, DEP approved Act 167 plan exists.

2. ☒ The PCSM/SR Plan meets the standard design criteria from sections 102.8(g)(2) and (3) and the *Stormwater BMP Manual*. For projects involving oil and gas activities authorized by a permit issued under Chapter 78 or Chapter 78a (well pads) or pipelines and other similar utility infrastructure, post construction stormwater management requirements are met for all areas that are restored to preconstruction conditions or to a condition of meadow in good condition or better. *[Note: PCSM plans must meet both the volume and rate requirements in the regulations, which are provided in the 2 sections mentioned in this paragraph].*

3. ☐ Alternative Design Standard – The attached PCSM/SR Plan was developed using approaches as provided in 102.8(g)(2)(iv) and 102.8(g)(3)(iii). Demonstrate/explain in the space provided below how this standard will be either more protective than what is required in 102.8(g)(2) and 102.8(g)(3) or will maintain and protect existing water quality and existing and designated uses.

PCSM/SR BMP Alternative Standards:

Has the alternative BMP or design standard been approved by the Department?

☐ Yes

☐ No – Do not submit the ESCGP-3 application and see Section (H) of the NOI Instructions concerning the alternative BMP approval process.

Water Quality Compliance:

Does the PCSM/SR plan comply with requirements for volume control? ☒ Yes ☐ No

If yes, is at least 90% of the disturbed area controlled by a PCSM BMP? ☒ Yes ☐ No

If yes, do you have the Standard PCSM Worksheet # 10 attached to show water quality compliance has achieved?
☒ Yes ☐ No

If no, attach Standard PCSM Worksheets # 12 and #13 to show water quality compliance has achieved.

If PCSM/SR plan is not complying with the requirements for volume control, attach Standard PCSM Worksheets # 11, # 12 and #13 to show water quality compliance has achieved.

a. PCSM/SR Plan Summary

Provide a summary of proposed BMPs and their performance to manage PCSM/SR for the project.

Along the pipeline Right-Of-Way, typical E&S BMPs such as waterbars and erosion control blanket will be left in place as part of site restoration. After construction activities are completed, temporary workspaces will be restored to meadow in good condition or better than existing conditions. For the aboveground facilities, PCSM BMPs such as infiltration basins, diversion channels and vegetated swales will be used and left in place as part of site restoration. Additional information regarding all the proposed BMPs are provided in the Post-Construction Stormwater Management Plans of respective project components (Section 3 of this ESCGP-3 Application).

Check all that apply ☒ PCSM BMPs ☒ SR BMPs

b. Do you have any information regarding riparian buffer which differs from what was submitted in the Section G, Riparian Buffer?

☐ Yes ☒ No

Explain:

c. Thermal Impacts Analysis

Explain how thermal impacts associated with this project were avoided, minimized, or mitigated.

Runoff collected in PCSM BMPS such as infiltration basins will mitigate thermal impacts from post construction stormwater. Runoff collected in infiltration basins are discharged to receiving waters are not expected to be retained for more than 24 hours. Minimum permanent changes in land cover are being proposed for constructing the pipeline facilities. Gravel will be used for access roads wherever practicable. Removal of trees and riparian vegetation and addition of impervious surfaces will be limited to only that necessary for construction. Once construction activities are complete, disturbed areas will be restored to pre-construction contours and seeded as described in Erosion and Sedimental Control and Site Restoration Plans. Temporary workspaces will be restored back with woody and herbaceous species. Thermal impacts assessments correspoding to each project component including pipelines and aboveground facilities are given in Section 2 and 3 of this ESCGP-3 Application.

d. Off-Site Discharge Analysis.

Does the activity propose any off-site discharges to areas other than surface waters? ☒ Yes ☐ No

If yes, it is the applicant's responsibility to ensure that they have legal authority for any off-site discharge to neighboring properties.

The Applicant must provide a demonstration in both the E&S and PCSM/SR Plans that the discharge will not cause erosion, damage, or a nuisance to off-site properties.

See Offsite Discharge Analysis Sections in PCSM Narratives

NOI Section H. POST CONSTRUCTION STORMWATER MANAGEMENT (PCSM) PLANS

Summary Calculations of Post Construction Stormwater BMPs

1. Regional Energy Lateral Pipeline - MLV-515RA20
2. Regional Energy Lateral Pipeline - MLV-515RA30
3. Regional Energy Lateral Pipeline - Carverton Tie-in
4. Regional Energy Lateral Pipeline - Lower Demunds REL Tie-in
5. Regional Energy Lateral Pipeline – Hildebrandt Tie-in/MLV-515RA40
6. Effort Loop Pipeline - MLV-505LD86
7. Compressor Station 200
8. Compressor Station 515

NOTICE OF INTENT (NOI) FOR COVERAGE UNDER THE EROSION AND SEDIMENT CONTROL GENERAL PERMIT (ESCGP-3) FOR EARTH DISTURBANCE ASSOCIATED WITH OIL AND GAS EXPLORATION, PRODUCTION, PROCESSING, OR TREATMENT OPERATIONS OR TRANSMISSION FACILITIES

TABLES IN ADDENDUM OF NOI

SECTION H. POST CONSTRUCTION STORMWATER MANAGEMENT (PLAN) BMPs

Regional Energy Lateral Pipeline - MLV-515RA20 - Zenker Valve Yard

e. Summary Table for Supporting Calculation and Measurement Data
(See NOI Instructions for additional guidance with this section)

The remainder of this section (Summary Table for Calculation and Measurement Data) does not need to be completed for areas of projects involving oil and gas activities authorized by Chapter 78 or Chapter 78a (well pads) or pipelines and other similar utility infrastructure which will be restored to meadow in good condition or better or existing conditions.

Watershed Name: Mill Creek

Volume Control design storm frequency 2-year Rainfall amount 2.95 inches	Pre-construction	Post Construction	Net Change
Impervious area (acres)	0.00	0.19	+0.19
Volume of stormwater runoff (acre-feet) without planned stormwater BMPs	0.04	0.06	+0.02
Volume of stormwater runoff (acre-feet) with planned stormwater BMPs		0.03	-0.01
Stormwater discharge rate for the design frequency storm	Pre-construction	Post Construction	Net Change
1) 2-Year/24-Hour	3.51	3.22	-0.29
2) 10-Year/24-Hour	6.82	6.17	-0.65
3) 50-year/24-Hour	11.88	11.12	-0.76
4) 100-year/24-Hour	14.91	14.91	-0.00

f. Summary Description of PCSM/SR BMPs

In the lists below, check the BMPs identified in the PCSM Plan. The primary function(s) of the BMP listed in the functions column (infiltration/recharge; detention/retention; water quality). Additional functions may be added if applicable to that BMP. List the stormwater volume and area of runoff to be treated by each BMP type when calculations are required. If any BMP in the PCSM/SR Plan is not listed below, describe it in the space provided after "Other". A summary table with infiltration testing information (Attachment E, included in the NOI Instructions) must be submitted for all Bio-infiltration BMPs included in PCSM/SR plan.

For Rate control provide the volume of stormwater treated and acres treated for the 100-year/24-hour storm event.

For volume control and water quality provide the volume of stormwater treated and acres treated for the 2-year/24-hour storm event.

Key for BMP purpose(s): VC = Volume Control; RC = Rate Control; and WQ = Water Quality

BMP	Function(s)	Purpose(s)	Volume of stormwater treated	Acres treated
Site Restoration ONLY				
☐ Restore Site to Meadow in Good Condition or Better, or Existing Conditions	Infiltration/Recharge Detention/WQ Treatment	☐ VC ☐ RC ☐ WQ	_____	_____
Bio-infiltration areas	Infiltration/Recharge			
☐ Infiltration Trench		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Infiltration Bed		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Infiltration Basin		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Rain Garden/ Bioretention		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Infiltration Berm				
☐ Vegetated Swale		☐ VC ☐ RC ☐ WQ	_____	_____
Natural Area Conservation	Infiltration/Recharge			
☐ Streamside Buffer Zone		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Wetland Buffer Zone		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Sensitive Area Buffer Zone		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Pre-Construction Drainage Pattern Intact		☐ VC ☐ RC ☐ WQ	_____	_____
Stormwater Retention	Detention/Retention			
☐ Constructed Wetlands		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Wet Ponds		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Retention Basin		☐ VC ☐ RC ☐ WQ	_____	_____
Sediment and Pollutant Removal	Water Quality Treatment			
☐ Vegetated Filter Strips		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Compost Filter Sock		☐ VC ☐ RC ☐ WQ	_____	_____
☒ Detention Basins		☒ VC ☒ RC ☒ WQ	1,396cf(2-yr); 6,186cf(100-yr)	0.28
Access Road Design	Infiltration/Recharge			
☐ Road Crowning		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Ditches		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Turnouts		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Culverts		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Roadside Vegetated Filter Strips		☐ VC ☐ RC ☐ WQ	_____	_____

Stormwater Energy Dissipaters	Infiltration/Recharge			
☐ Level Spreaders		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Riprap Aprons		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Upslope Diversions		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Other_____		☐ VC ☐ RC ☐ WQ	_____	_____

g. Critical PCSM Plan stages

Identify and list critical stages of implementation of the PCSM Plan for which a licensed professional or designee shall be present on site.

1. Upon commencement of construction activities to ascertain the Dry Extended Detention Basin area has been flagged and fence erected to prevent access to the area.

2. At completion of Diversion Channels to ensure they have been constructed to the proposed lines and grades, the specified lining materials have been installed in accordance with the requirements of the plans and specifications, and if applicable, vegetation has been established.

3. At the beginning of construction of the Dry Extended Detention Basin to ensure the infiltration area has not been compacted by construction activities.

4. During construction of the Dry Extended Detention Basin the licensed professional will observe that the BMP is constructed in accordance with the plans and specifications.

5. At completion of Collection Channel C1 to ensure it has been constructed to the proposed line and grade, the specified lining material has been installed in accordance with the requirements of the plans and specifications, and if applicable, vegetation has been established.

6. Following installation of the Valve Yard Pad subgrade to ensure stormwater flow is directed to Collection Channel C1.

7. For final inspection of constructed BMPs.

8. At the establishment of hard surface stabilization or 70% vegetation covers to allow removal of E&S controls.

NOTICE OF INTENT (NOI) FOR COVERAGE UNDER THE EROSION AND SEDIMENT CONTROL GENERAL PERMIT (ESCGP-3) FOR EARTH DISTURBANCE ASSOCIATED WITH OIL AND GAS EXPLORATION, PRODUCTION, PROCESSING, OR TREATMENT OPERATIONS OR TRANSMISSION FACILITIES

TABLES IN ADDENDUM OF NOI

SECTION H. POST CONSTRUCTION STORMWATER MANAGEMENT (PLAN) BMPs

Regional Energy Lateral Pipeline - MLV-515RA30 - Wyoming Valve Yard

b. Summary Table for Supporting Calculation and Measurement Data

(See NOI Instructions for additional guidance with this section)

The remainder of this section (Summary Table for Calculation and Measurement Data) does not need to be completed for areas of projects involving oil and gas activities authorized by Chapter 78 or Chapter 78a (well pads) or pipelines and other similar utility infrastructure which will be restored to meadow in good condition or better or existing conditions.

Watershed Name: Susquehanna-Solomon Creek

Volume Control design storm frequency 2-year Rainfall amount 2.57 inches	Pre-construction	Post Construction	Net Change
Impervious area (acres)	0.00	0.24	+0.24
Volume of stormwater runoff (acre-feet) without planned stormwater BMPs	0.03	0.06	+0.03
Volume of stormwater runoff (acre-feet) with planned stormwater BMPs	[redacted]	0.03	-0.00
Stormwater discharge rate for the design frequency storm	Pre-construction	Post Construction	Net Change
1) 2-Year/24-Hour	0.22	0.02	-0.20
2) 10-Year/24-Hour	0.68	0.03	-0.65
3) 50-year/24-Hour	1.52	0.06	-1.46
4) 100-year/24-Hour	2.06	0.07	-1.99

c. Summary Description of PCSM/SR BMPs

In the lists below, check the BMPs identified in the PCSM Plan. The primary function(s) of the BMP listed in the functions column (infiltration/recharge; detention/retention; water quality). Additional functions may be added if applicable to that BMP. List the stormwater volume and area of runoff to be treated by each BMP type when calculations are required. If any BMP in the PCSM/SR Plan is not listed below, describe it in the space provided after "Other". A summary table with infiltration testing information (Attachment E, included in the NOI Instructions) must be submitted for all Bio-infiltration BMPs included in PCSM/SR plan.

For Rate control provide the volume of stormwater treated and acres treated for the 100-year/24-hour storm event.

For volume control and water quality provide the volume of stormwater treated and acres treated for the 2-year/24-hour storm event.

Key for BMP purpose(s): VC = Volume Control; RC = Rate Control; and WQ = Water Quality

BMP	Function(s)	Purpose(s)	Volume of stormwater treated	Acres treated
Site Restoration ONLY				
☐ Restore Site to Meadow in Good Condition or Better, or Existing Conditions	Infiltration/Recharge Detention/WQ Treatment	☐ VC ☐ RC ☐ WQ	_____	_____
Bio-infiltration areas	Infiltration/Recharge			
☐ Infiltration Trench		☐ VC ☐ RC ☐ WQ	_____	_____
☒ Infiltration Bed		☒ VC ☒ RC ☒ WQ	451cf(2-yr); 2,511cf(100-yr)	0.21
☐ Infiltration Basin		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Rain Garden/ Bioretention		☐ VC ☐ RC ☐ WQ	_____	
☐ Infiltration Berm		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Soil Amendment		☐ VC ☐ RC ☐ WQ	_____	_____
Natural Area Conservation	Infiltration/Recharge			
☐ Streamside Buffer Zone		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Wetland Buffer Zone		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Sensitive Area Buffer Zone		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Pre-Construction Drainage Pattern Intact		☐ VC ☐ RC ☐ WQ	_____	_____
Stormwater Retention	Detention/Retention			
☐ Constructed Wetlands		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Wet Ponds		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Retention Basin		☐ VC ☐ RC ☐ WQ	_____	_____
Sediment and Pollutant Removal	Water Quality Treatment			
☐ Vegetated Filter Strips		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Compost Filter Sock		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Detention Basins		☐ VC ☐ RC ☐ WQ	_____	_____
Access Road Design	Infiltration/Recharge			
☐ Road Crowning		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Ditches		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Turnouts		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Culverts		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Roadside Vegetated Filter Strips		☐ VC ☐ RC ☐ WQ	_____	_____

Stormwater Energy Dissipaters ☐ Level Spreaders ☐ Riprap Aprons ☐ Upslope Diversions ☒ OtherVegetated Swale	Infiltration/Recharge	☐ VC ☐ RC ☐ WQ ☐ VC ☐ RC ☐ WQ ☐ VC ☐ RC ☐ WQ ☒ VC ☒ RC ☒ WQ	_____ _____ _____ 1,009cf(2-yr); 4,264cf(100-yr)	_____ _____ _____ 0.49

d. Critical PCSM Plan stages

Identify and list critical stages of implementation of the PCSM Plan for which a licensed professional or designee shall be present on site.

1. Upon commencement of construction activities to ascertain the Vegetated Swale area has been flagged and fence erected to prevent access to the area.
2. At the beginning of construction of the Vegetated Swale to ensure the infiltration area has not been compacted by construction activities.
3. During construction of the Vegetated Swale the licensed professional will observe that the BMP is constructed in accordance with the plans and specifications.
4. At completion of Collection Channel C1 to ensure it has been constructed to the proposed line and grade, the specified lining material has been installed in accordance with the requirements of the plans and specifications, and if applicable, vegetation has been established.
5. Following installation of the Valve Yard Pad subgrade to ensure stormwater flow is directed to the infiltration berm.
6. For final inspection of constructed BMPs.
7. At the establishment of hard surface stabilization or 70% vegetation covers to allow removal of E&S controls.

NOTICE OF INTENT (NOI) FOR COVERAGE UNDER THE EROSION AND SEDIMENT CONTROL GENERAL PERMIT (ESCGP-3) FOR EARTH DISTURBANCE ASSOCIATED WITH OIL AND GAS EXPLORATION, PRODUCTION, PROCESSING, OR TREATMENT OPERATIONS OR TRANSMISSION FACILITIES

TABLES IN ADDENDUM OF NOI

SECTION H. POST CONSTRUCTION STORMWATER MANAGEMENT (PLAN) BMPs

Regional Energy Lateral Pipeline - Carverton Tie-In

b. Summary Table for Supporting Calculation and Measurement Data

(See NOI Instructions for additional guidance with this section)

The remainder of this section (Summary Table for Calculation and Measurement Data) does not need to be completed for areas of projects involving oil and gas activities authorized by Chapter 78 or Chapter 78a (well pads) or pipelines and other similar utility infrastructure which will be restored to meadow in good condition or better or existing conditions.

Watershed Name: Abrahams Creek

Volume Control design storm frequency 2-year Rainfall amount 2.61 inches	Pre-construction	Post Construction	Net Change
Impervious area (acres)	0.03	0.11	+0.08
Volume of stormwater runoff (acre-feet) without planned stormwater BMPs	0.02	0.03	+0.01
Volume of stormwater runoff (acre-feet) with planned stormwater BMPs	[redacted]	0.00	-0.02
Stormwater discharge rate for the design frequency storm	Pre-construction	Post Construction	Net Change
1) 2-Year/24-Hour	0.46	0.00	-0.46
2) 10-Year/24-Hour	0.91	0.00	-0.91
3) 50-year/24-Hour	1.61	0.00	-1.61
4) 100-year/24-Hour	2.01	0.00	-2.01

c. Summary Description of PCSM/SR BMPs

In the lists below, check the BMPs identified in the PCSM Plan. The primary function(s) of the BMP listed in the functions column (infiltration/recharge; detention/retention; water quality). Additional functions may be added if applicable to that BMP. List the stormwater volume and area of runoff to be treated by each BMP type when calculations are required. If any BMP in the PCSM/SR Plan is not listed below, describe it in the space provided after "Other". A summary table with infiltration testing information (Attachment E, included in the NOI Instructions) must be submitted for all Bio-infiltration BMPs included in PCSM/SR plan.

For Rate control provide the volume of stormwater treated and acres treated for the 100-year/24-hour storm event.

For volume control and water quality provide the volume of stormwater treated and acres treated for the 2-year/24-hour storm event.

Key for BMP purpose(s): VC = Volume Control; RC = Rate Control; and WQ = Water Quality

BMP	Function(s)	Purpose(s)	Volume of stormwater treated	Acres treated
Site Restoration ONLY				
☐ Restore Site to Meadow in Good Condition or Better, or Existing Conditions	Infiltration/Recharge Detention/WQ Treatment	☐ VC ☐ RC ☐ WQ	_____	_____
Bio-infiltration areas	Infiltration/Recharge			
☐ Infiltration Trench		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Infiltration Bed		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Infiltration Basin		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Rain Garden/ Bioretention		☐ VC ☐ RC ☐ WQ	_____	
☒ Infiltration Berm		☒ VC ☒ RC ☒ WQ	1,280cf (2-yr); 4,445cf(100-yr)	0.26
Natural Area Conservation	Infiltration/Recharge			
☐ Streamside Buffer Zone		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Wetland Buffer Zone		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Sensitive Area Buffer Zone		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Pre-Construction Drainage Pattern Intact		☐ VC ☐ RC ☐ WQ	_____	_____
Stormwater Retention	Detention/Retention			
☐ Constructed Wetlands		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Wet Ponds		☒ VC ☒ RC ☒ WQ	_____	_____
☐ Retention Basin		☐ VC ☐ RC ☐ WQ	_____	_____
Sediment and Pollutant Removal	Water Quality Treatment			
☐ Vegetated Filter Strips		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Compost Filter Sock		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Detention Basins		☐ VC ☐ RC ☐ WQ	_____	_____
Access Road Design	Infiltration/Recharge			
☐ Road Crowning		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Ditches		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Turnouts		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Culverts		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Roadside Vegetated Filter Strips		☐ VC ☐ RC ☐ WQ	_____	_____

Stormwater Energy Dissipaters	Infiltration/Recharge			
☐ Level Spreaders		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Riprap Aprons		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Upslope Diversions		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Other_____		☐ VC ☐ RC ☐ WQ	_____	_____

d. Critical PCSM Plan stages

Identify and list critical stages of implementation of the PCSM Plan for which a licensed professional or designee shall be present on site.

1. At the beginning of construction to ascertain the Infiltration Berm area has been flagged and fence erected to prevent access to the area.
2. Following installation of the Valve Yard Pad subgrade to ensure stormwater flow is directed to the infiltration berm.
3. At the beginning of construction of the Infiltration Berm to ensure the infiltration area has not been compacted by construction activities.
4. During construction of the infiltration berm the licensed professional will observe that the berm is constructed in accordance with the plans and specifications.
5. For final inspection of constructed BMPs.
6. At the establishment of hard surface stabilization or 70% vegetation covers to allow removal of E&S controls.

NOTICE OF INTENT (NOI) FOR COVERAGE UNDER THE EROSION AND SEDIMENT CONTROL GENERAL PERMIT (ESCGP-3) FOR EARTH DISTURBANCE ASSOCIATED WITH OIL AND GAS EXPLORATION, PRODUCTION, PROCESSING, OR TREATMENT OPERATIONS OR TRANSMISSION FACILITIES

TABLES IN ADDENDUM OF NOI

SECTION H. POST CONSTRUCTION STORMWATER MANAGEMENT (PLAN) BMPs

Regional Energy Lateral Pipeline - Lower Demunds REL Tie-In

b. Summary Table for Supporting Calculation and Measurement Data

(See NOI Instructions for additional guidance with this section)

The remainder of this section (Summary Table for Calculation and Measurement Data) does not need to be completed for areas of projects involving oil and gas activities authorized by Chapter 78 or Chapter 78a (well pads) or pipelines and other similar utility infrastructure which will be restored to meadow in good condition or better or existing conditions.

Watershed Name: Toby Creek

Volume Control design storm frequency 2-year Rainfall amount 3.40 inches	Pre-construction	Post Construction	Net Change
Impervious area (acres)	0.00	0.12	+0.12
Volume of stormwater runoff (acre-feet) without planned stormwater BMPs	0.02	0.04	+0.02
Volume of stormwater runoff (acre-feet) with planned stormwater BMPs		0.01	-0.01
Stormwater discharge rate for the design frequency storm	Pre-construction	Post Construction	Net Change
1) 2-Year/24-Hour	0.20	0.00	-0.20
2) 10-Year/24-Hour	0.40	0.00	-0.40
3) 50-year/24-Hour	0.71	0.20	-0.51
4) 100-year/24-Hour	0.89	0.51	-0.38

c. Summary Description of PCSM/SR BMPs

In the lists below, check the BMPs identified in the PCSM Plan. The primary function(s) of the BMP listed in the functions column (infiltration/recharge; detention/retention; water quality). Additional functions may be added if applicable to that BMP. List the stormwater volume and area of runoff to be treated by each BMP type when calculations are required. If any BMP in the PCSM/SR Plan is not listed below, describe it in the space provided after "Other". A summary table with infiltration testing information (Attachment E, included in the NOI Instructions) must be submitted for all Bio-infiltration BMPs included in PCSM/SR plan.

For Rate control provide the volume of stormwater treated and acres treated for the 100-year/24-hour storm event.

For volume control and water quality provide the volume of stormwater treated and acres treated for the 2-year/24-hour storm event.

Key for BMP purpose(s): VC = Volume Control; RC = Rate Control; and WQ = Water Quality

BMP	Function(s)	Purpose(s)	Volume of stormwater treated	Acres treated
Site Restoration ONLY				
☐ Restore Site to Meadow in Good Condition or Better, or Existing Conditions	Infiltration/Recharge Detention/WQ Treatment	☐ VC ☐ RC ☐ WQ	_____	_____
Bio-infiltration areas	Infiltration/Recharge			
☐ Infiltration Trench		☐ VC ☐ RC ☐ WQ	_____	_____
☒ Infiltration Bed		☒ VC ☒ RC ☒ WQ	1,481cf(2-yr); 4,356cf(100-yr)	0.17
☐ Infiltration Basin		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Rain Garden/ Bioretention		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Infiltration Berm		☐ VC ☐ RC ☐ WQ	_____	_____
Natural Area Conservation	Infiltration/Recharge			
☐ Streamside Buffer Zone		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Wetland Buffer Zone		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Sensitive Area Buffer Zone		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Pre-Construction Drainage Pattern Intact		☐ VC ☐ RC ☐ WQ	_____	_____
Stormwater Retention	Detention/Retention			
☐ Constructed Wetlands		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Wet Ponds		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Retention Basin		☐ VC ☐ RC ☐ WQ	_____	_____
Sediment and Pollutant Removal	Water Quality Treatment			
☐ Vegetated Filter Strips		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Compost Filter Sock		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Detention Basins		☐ VC ☐ RC ☐ WQ	_____	_____
Access Road Design	Infiltration/Recharge			
☐ Road Crowning		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Ditches		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Turnouts		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Culverts		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Roadside Vegetated Filter Strips		☐ VC ☐ RC ☐ WQ	_____	_____

Stormwater Energy Dissipaters ☐ Level Spreaders ☐ Riprap Aprons ☐ Upslope Diversions ☐ Other_____	Infiltration/Recharge	 ☐ VC ☐ RC ☐ WQ ☐ VC ☐ RC ☐ WQ ☐ VC ☐ RC ☐ WQ ☐ VC ☐ RC ☐ WQ	 _____ _____ _____ _____	 _____ _____ _____ _____

d. Critical PCSM Plan stages

Identify and list critical stages of implementation of the PCSM Plan for which a licensed professional or designee shall be present on site.

1. Upon commencement of construction activities to ascertain the Valve Yard Pad area has been flagged and fence erected to prevent access to the area.
2. At completion of Diversion Berm/Channel to ensure it has been constructed to the proposed lines and grades, the specified lining materials have been installed in accordance with the requirements of the plans and specifications, and if applicable, vegetation has been established.
3. At the beginning of construction of the Valve Yard Pad to ensure the infiltration area has not been compacted by construction activities.
4. During construction of the Valve Yard Pad the licensed professional will observe that the BMP is constructed in accordance with the plans and specifications.
5. Following installation of the Valve Yard Pad subgrade to ensure stormwater flow is directed to the outlet structure.
6. For final inspection of constructed BMPs.
7. At the establishment of hard surface stabilization or 70% vegetation covers to allow removal of E&S controls.

NOTICE OF INTENT (NOI) FOR COVERAGE UNDER THE EROSION AND SEDIMENT CONTROL GENERAL PERMIT (ESCGP-3) FOR EARTH DISTURBANCE ASSOCIATED WITH OIL AND GAS EXPLORATION, PRODUCTION, PROCESSING, OR TREATMENT OPERATIONS OR TRANSMISSION FACILITIES

TABLES IN ADDENDUM OF NOI

SECTION H. POST CONSTRUCTION STORMWATER MANAGEMENT (PLAN) BMPs

Regional Energy Lateral Pipeline – MLV-515RA40-Hildebrandt Tie-In

b. Summary Table for Supporting Calculation and Measurement Data

(See NOI Instructions for additional guidance with this section)

The remainder of this section (Summary Table for Calculation and Measurement Data) does not need to be completed for areas of projects involving oil and gas activities authorized by Chapter 78 or Chapter 78a (well pads) or pipelines and other similar utility infrastructure which will be restored to meadow in good condition or better or existing conditions.

Watershed Name: Toby Creek

Volume Control design storm frequency 2-year Rainfall amount 3.40 inches	Pre-construction	Post Construction	Net Change
Impervious area (acres)	0.0	0.22	+0.22
Volume of stormwater runoff (acre-feet) without planned stormwater BMPs	0.03	0.07	+0.04
Volume of stormwater runoff (acre-feet) with planned stormwater BMPs	[redacted]	0.01	-0.02
Stormwater discharge rate for the design frequency storm	Pre-construction	Post Construction	Net Change
1) 2-Year/24-Hour	0.34	0.20	-0.14
2) 10-Year/24-Hour	0.67	0.38	-0.29
3) 50-year/24-Hour	1.20	0.65	-0.55
4) 100-year/24-Hour	1.52	0.80	-0.72

c. Summary Description of PCSM/SR BMPs

In the lists below, check the BMPs identified in the PCSM Plan. The primary function(s) of the BMP listed in the functions column (infiltration/recharge; detention/retention; water quality). Additional functions may be added if applicable to that BMP. List the stormwater volume and area of runoff to be treated by each BMP type when calculations are required. If any BMP in the PCSM/SR Plan is not listed below, describe it in the space provided after "Other". A summary table with infiltration testing information (Attachment E, included in the NOI Instructions) must be submitted for all Bio-infiltration BMPs included in PCSM/SR plan.

For Rate control provide the volume of stormwater treated and acres treated for the 100-year/24-hour storm event.

For volume control and water quality provide the volume of stormwater treated and acres treated for the 2-year/24-hour storm event.

Key for BMP purpose(s): VC = Volume Control; RC = Rate Control; and WQ = Water Quality

BMP	Function(s)	Purpose(s)	Volume of stormwater treated	Acres treated
Site Restoration ONLY				
☐ Restore Site to Meadow in Good Condition or Better, or Existing Conditions	Infiltration/Recharge Detention/WQ Treatment	☐ VC ☐ RC ☐ WQ	_____	_____
Bio-infiltration areas	Infiltration/Recharge			
☐ Infiltration Trench		☐ VC ☐ RC ☐ WQ	_____	_____
☒ Infiltration Bed		☒ VC ☒ RC ☒ WQ	2,265cf(2-yr); 5,881cf(100-yr)	0.21
☐ Infiltration Basin		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Rain Garden/ Bioretention		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Infiltration Berm				
☐ Vegetated Swale		☐ VC ☐ RC ☐ WQ	_____	_____
Natural Area Conservation	Infiltration/Recharge			
☐ Streamside Buffer Zone		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Wetland Buffer Zone		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Sensitive Area Buffer Zone		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Pre-Construction Drainage Pattern Intact		☐ VC ☐ RC ☐ WQ	_____	_____
Stormwater Retention	Detention/Retention			
☐ Constructed Wetlands		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Wet Ponds		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Retention Basin		☐ VC ☐ RC ☐ WQ	_____	_____
Sediment and Pollutant Removal	Water Quality Treatment			
☐ Vegetated Filter Strips		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Compost Filter Sock		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Detention Basins		☐ VC ☐ RC ☐ WQ	_____	_____
Access Road Design	Infiltration/Recharge			
☐ Road Crowning		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Ditches		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Turnouts		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Culverts		☐ VC ☐ RC ☐ WQ	_____	_____

☐ Roadside Vegetated Filter Strips		☐ VC ☐ RC ☐ WQ	_____	_____
Stormwater Energy Dissipaters	Infiltration/Recharge			
☐ Level Spreaders		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Riprap Aprons		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Upslope Diversions		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Other_____		☐ VC ☐ RC ☐ WQ	_____	_____

d. Critical PCSM Plan stages

Identify and list critical stages of implementation of the PCSM Plan for which a licensed professional or designee shall be present on site.

1. Upon commencement of construction activities to ascertain the Valve Yard Pad area has been flagged and fence erected to prevent access to the area.
2. At completion of Diversion Channel to ensure it has been constructed to the proposed lines and grades, the specified lining materials have been installed in accordance with the requirements of the plans and specifications, and if applicable, vegetation has been established.
3. At the beginning of construction of the Valve Yard Pad to ensure the infiltration area has not been compacted by construction activities.
4. During construction of the Valve Yard Pad the licensed professional will observe that the BMP is constructed in accordance with the plans and specifications.
5. Following installation of the Valve Yard Pad subgrade to ensure stormwater flow is directed to the outlet structure.
6. For final inspection of constructed BMPs.
7. At the establishment of hard surface stabilization or 70% vegetation covers to allow removal of E&S controls.

NOTICE OF INTENT (NOI) FOR COVERAGE UNDER THE EROSION AND SEDIMENT CONTROL GENERAL PERMIT (ESCGP-3) FOR EARTH DISTURBANCE ASSOCIATED WITH OIL AND GAS EXPLORATION, PRODUCTION, PROCESSING, OR TREATMENT OPERATIONS OR TRANSMISSION FACILITIES

TABLES IN ADDENDUM OF NOI

SECTION H. POST CONSTRUCTION STORMWATER MANAGEMENT (PLAN) BMPs

Effort Loop Pipeline-MLV-505LD86 Sugar Hollow Valve Yard

b. Summary Table for Supporting Calculation and Measurement Data

(See NOI Instructions for additional guidance with this section)

The remainder of this section (Summary Table for Calculation and Measurement Data) does not need to be completed for areas of projects involving oil and gas activities authorized by Chapter 78 or Chapter 78a (well pads) or pipelines and other similar utility infrastructure which will be restored to meadow in good condition or better or existing conditions.

Watershed Name: Pohopoco Creek

Volume Control design storm frequency 2-year Rainfall amount 3.26 inches	Pre-construction	Post Construction	Net Change
Impervious area (acres)	0.09	0.62	+0.53
Volume of stormwater runoff (acre-feet) without planned stormwater BMPs	0.35	0.44	+0.09
Volume of stormwater runoff (acre-feet) with planned stormwater BMPs	[redacted]	0.28	-0.07
Stormwater discharge rate for the design frequency storm DA-1	Pre-construction	Post Construction	Net Change
1) 2-Year/24-Hour	0.01	0.01	-0.00
2) 10-Year/24-Hour	0.37	0.31	-0.06
3) 50-year/24-Hour	5.89	4.21	-1.68
4) 100-year/24-Hour	11.47	8.28	-3.19
Stormwater discharge rate for the design frequency storm DA-2	Pre-construction	Post Construction	Net Change
1) 2-Year/24-Hour	4.51	3.97	-0.54
2) 10-Year/24-Hour	12.49	12.28	-0.21
3) 50-year/24-Hour	26.58	24.35	-2.23
4) 100-year/24-Hour	35.41	31.74	-3.67

c. Summary Description of PCSM/SR BMPs

In the lists below, check the BMPs identified in the PCSM Plan. The primary function(s) of the BMP listed in the functions column (infiltration/recharge; detention/retention; water quality). Additional functions may be added if applicable to that BMP. List the stormwater volume and area of runoff to be treated by each BMP type when calculations are required. If any BMP in the PCSM/SR Plan is not listed below, describe it in the space provided after "Other". A summary table with infiltration testing information (Attachment E, included in the NOI Instructions) must be submitted for all Bio-infiltration BMPs included in PCSM/SR plan.

For Rate control provide the volume of stormwater treated and acres treated for the 100-year/24-hour storm event.

For volume control and water quality provide the volume of stormwater treated and acres treated for the 2-year/24-hour storm event.

Key for BMP purpose(s): VC = Volume Control; RC = Rate Control; and WQ = Water Quality

BMP	Function(s)	Purpose(s)	Volume of stormwater treated	Acres treated
Site Restoration ONLY				
☐ Restore Site to Meadow in Good Condition or Better, or Existing Conditions	Infiltration/Recharge Detention/WQ Treatment	☐ VC ☐ RC ☐ WQ	_____	_____
Bio-infiltration areas	Infiltration/Recharge			
☐ Infiltration Trench		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Infiltration Bed		☐ VC ☐ RC ☐ WQ	_____	_____
☒ Infiltration Basin		☒ VC ☒ RC ☒ WQ	1,123cf(2-yr); 21,318cf(100-yr)	2.85
☐ Rain Garden/ Bioretention		☐ VC ☐ RC ☐ WQ	_____	_____
☒ Infiltration Berm		☒ VC ☒ RC ☒ WQ	5,915cf(2-yr); 26,924cf(100-yr)	1.54
Natural Area Conservation	Infiltration/Recharge			
☐ Streamside Buffer Zone		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Wetland Buffer Zone		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Sensitive Area Buffer Zone		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Pre-Construction Drainage Pattern Intact		☐ VC ☐ RC ☐ WQ	_____	_____
Stormwater Retention	Detention/Retention			
☐ Constructed Wetlands		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Wet Ponds		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Retention Basin		☐ VC ☐ RC ☐ WQ	_____	_____
Sediment and Pollutant Removal	Water Quality Treatment			
☐ Vegetated Filter Strips		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Compost Filter Sock		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Detention Basins		☐ VC ☐ RC ☐ WQ	_____	_____
Access Road Design	Infiltration/Recharge			
☐ Road Crowning		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Ditches		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Turnouts		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Culverts		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Roadside Vegetated Filter Strips		☐ VC ☐ RC ☐ WQ	_____	_____

Stormwater Energy Dissipaters	Infiltration/Recharge			
☐ Level Spreaders		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Riprap Aprons		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Upslope Diversions		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Other_____		☐ VC ☐ RC ☐ WQ	_____	_____

d. Critical PCSM Plan stages

Identify and list critical stages of implementation of the PCSM Plan for which a licensed professional or designee shall be present on site.

1. For the final grading of the access road, ensuring it is constructed according to the plan details for proper conveyance of runoff.
2. Following final grading and seeding of the diversion channels and basin, in order to confirm they have been constructed according to the plan details for proper collection and conveyance of runoff. Periodic assessments will need to be made to ensure accumulated sediment have been cleaned out so the channels and basin maintain the necessary design volumes.
3. During the layout and excavation of the outlet control structure, the professional or delegate will ensure sizing, materials specifications, and construction procedures are followed to enable proper storage in the basin.
4. Following final grading and seeding of the infiltration berm in order to confirm they have been constructed according to the plan details for proper collection, infiltration, and conveyance of runoff. Periodic assessment will need to be made to ensure that accumulated sediment have been cleaned out so the area behind the berm maintains the necessary design volume.
5. For final inspection of constructed channels, basin and berms.
6. At the establishment of hard surface stabilization or 70% vegetation covers to allow removal of E&S controls.

NOTICE OF INTENT (NOI) FOR COVERAGE UNDER THE EROSION AND SEDIMENT CONTROL GENERAL PERMIT (ESCGP-3) FOR EARTH DISTURBANCE ASSOCIATED WITH OIL AND GAS EXPLORATION, PRODUCTION, PROCESSING, OR TREATMENT OPERATIONS OR TRANSMISSION FACILITIES

TABLES IN ADDENDUM OF NOI

SECTION H. POST CONSTRUCTION STORMWATER MANAGEMENT (PLAN) BMPs

Compressor Station 200

b. Summary Table for Supporting Calculation and Measurement Data

(See NOI Instructions for additional guidance with this section)

The remainder of this section (Summary Table for Calculation and Measurement Data) does not need to be completed for areas of projects involving oil and gas activities authorized by Chapter 78 or Chapter 78a (well pads) or pipelines and other similar utility infrastructure which will be restored to meadow in good condition or better or existing conditions.

Watershed Name: Valley Creek

Volume Control design storm frequency 2-year Rainfall amount 3.30 inches	Pre-construction	Post Construction	Net Change
Impervious area (acres)	0.25	0.40	+0.15
Volume of stormwater runoff (acre-feet) without planned stormwater BMPs	0.07	0.11	+0.04
Volume of stormwater runoff (acre-feet) with planned stormwater BMPs	[redacted]	0.07	-0.00
Stormwater discharge rate for the design frequency storm	Pre-construction	Post Construction	Net Change
1) 2-Year/24-Hour	1.03	0.15	-0.88
2) 10-Year/24-Hour	2.06	1.39	-0.67
3) 50-year/24-Hour	3.19	2.79	-0.40
4) 100-year/24-Hour	3.97	3.50	-0.47

c. Summary Description of PCSM/SR BMPs

In the lists below, check the BMPs identified in the PCSM Plan. The primary function(s) of the BMP listed in the functions column (infiltration/recharge; detention/retention; water quality). Additional functions may be added if applicable to that BMP. List the stormwater volume and area of runoff to be treated by each BMP type when calculations are required. If any BMP in the PCSM/SR Plan is not listed below, describe it in the space provided after "Other". A summary table with infiltration testing information (Attachment E, included in the NOI Instructions) must be submitted for all Bio-infiltration BMPs included in PCSM/SR plan.

For Rate control provide the volume of stormwater treated and acres treated for the 100-year/24-hour storm event.

For volume control and water quality provide the volume of stormwater treated and acres treated for the 2-year/24-hour storm event.

Key for BMP purpose(s): VC = Volume Control; RC = Rate Control; and WQ = Water Quality

BMP	Function(s)	Purpose(s)	Volume of stormwater treated	Acres treated
Site Restoration ONLY				
☐ Restore Site to Meadow in Good Condition or Better, or Existing Conditions	Infiltration/Recharge Detention/WQ Treatment	☐ VC ☐ RC ☐ WQ	_____	_____
Bio-infiltration areas	Infiltration/Recharge			
☐ Infiltration Trench		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Infiltration Bed		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Infiltration Basin		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Rain Garden/ Bioretention		☐ VC ☐ RC ☐ WQ	_____	_____
☒ Infiltration Berm		☒ VC ☒ RC ☒ WQ	3,790cf(2-yr); 11,631cf(100-yr)	0.56
Natural Area Conservation	Infiltration/Recharge			
☐ Streamside Buffer Zone		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Wetland Buffer Zone		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Sensitive Area Buffer Zone		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Pre-Construction Drainage Pattern Intact		☐ VC ☐ RC ☐ WQ	_____	_____
Stormwater Retention	Detention/Retention			
☐ Constructed Wetlands		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Wet Ponds		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Retention Basin		☐ VC ☐ RC ☐ WQ	_____	_____
Sediment and Pollutant Removal	Water Quality Treatment			
☐ Vegetated Filter Strips		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Compost Filter Sock		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Detention Basins		☐ VC ☐ RC ☐ WQ	_____	_____
Access Road Design	Infiltration/Recharge			
☐ Road Crowning		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Ditches		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Turnouts		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Culverts		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Roadside Vegetated Filter Strips		☐ VC ☐ RC ☐ WQ	_____	_____

Stormwater Energy Dissipaters ☐ Level Spreaders ☐ Riprap Aprons ☐ Upslope Diversions ☐ Other_____	Infiltration/Recharge	 ☐ VC ☐ RC ☐ WQ ☐ VC ☐ RC ☐ WQ ☐ VC ☐ RC ☐ WQ ☐ VC ☐ RC ☐ WQ	 _____ _____ _____ _____	 _____ _____ _____ _____

d. Critical PCSM Plan stages

Identify and list critical stages of implementation of the PCSM Plan for which a licensed professional or designee shall be present on site.

1. Following final grading and seeding of the infiltration berm in order to confirm it has been constructed according to the plan details for proper collection, infiltration, and conveyance of runoff. Periodic assessments will need to be made to ensure that accumulated sediment should be cleaned out so the channels and berm maintain necessary design volume.
2. For final inspection of constructed BMPs.
3. At the establishment of hard surface stabilization or 70% vegetation covers to allow removal of E & S controls.

NOTICE OF INTENT (NOI) FOR COVERAGE UNDER THE EROSION AND SEDIMENT CONTROL GENERAL PERMIT (ESCGP-3) FOR EARTH DISTURBANCE ASSOCIATED WITH OIL AND GAS EXPLORATION, PRODUCTION, PROCESSING, OR TREATMENT OPERATIONS OR TRANSMISSION FACILITIES

TABLES IN ADDENDUM OF NOI

SECTION H. POST CONSTRUCTION STORMWATER MANAGEMENT (PLAN) BMPs

Compressor Station 515

b. Summary Table for Supporting Calculation and Measurement Data

(See NOI Instructions for additional guidance with this section)

The remainder of this section (Summary Table for Calculation and Measurement Data) does not need to be completed for areas of projects involving oil and gas activities authorized by Chapter 78 or Chapter 78a (well pads) or pipelines and other similar utility infrastructure which will be restored to meadow in good condition or better or existing conditions.

Watershed Name: Bear Creek

Volume Control design storm frequency 2-year Rainfall amount 3.40 inches	Pre-construction	Post Construction	Net Change
Impervious area (acres)	0.34	2.44	+2.10
Volume of stormwater runoff (acre-feet) without planned stormwater BMPs	0.50	0.81	+0.31
Volume of stormwater runoff (acre-feet) with planned stormwater BMPs	[redacted]	0.18	-0.32
Stormwater discharge rate for the design frequency storm	Pre-construction	Post Construction	Net Change
1) 2-Year/24-Hour	5.46	1.76	-3.70
2) 10-Year/24-Hour	10.19	8.30	-1.89
3) 50-year/24-Hour	16.85	9.55	-7.30
4) 100-year/24-Hour	20.81	9.58	-11.23

c. Summary Description of PCSM/SR BMPs

In the lists below, check the BMPs identified in the PCSM Plan. The primary function(s) of the BMP listed in the functions column (infiltration/recharge; detention/retention; water quality). Additional functions may be added if applicable to that BMP. List the stormwater volume and area of runoff to be treated by each BMP type when calculations are required. If any BMP in the PCSM/SR Plan is not listed below, describe it in the space provided after "Other". A summary table with infiltration testing information (Attachment E, included in the NOI Instructions) must be submitted for all Bio-infiltration BMPs included in PCSM/SR plan.

For Rate control provide the volume of stormwater treated and acres treated for the 100-year/24-hour storm event.

For volume control and water quality provide the volume of stormwater treated and acres treated for the 2-year/24-hour storm event.

Key for BMP purpose(s): VC = Volume Control; RC = Rate Control; and WQ = Water Quality

BMP	Function(s)	Purpose(s)	Volume of stormwater treated	Acres treated
Site Restoration ONLY				
☐ Restore Site to Meadow in Good Condition or Better, or Existing Conditions	Infiltration/Recharge Detention/WQ Treatment	☐ VC ☐ RC ☐ WQ	_____	_____
Bio-infiltration areas	Infiltration/Recharge			
☐ Infiltration Trench		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Infiltration Bed		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Infiltration Basin		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Rain Garden/ Bioretention		☐ VC ☐ RC ☐ WQ	_____	_____
☒ Infiltration Berm		☒ VC ☒ RC ☒ WQ	31,799cf(2-yr); 96,268cf(100-yr)	3.83
Natural Area Conservation	Infiltration/Recharge			
☐ Streamside Buffer Zone		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Wetland Buffer Zone		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Sensitive Area Buffer Zone		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Pre-Construction Drainage Pattern Intact		☐ VC ☐ RC ☐ WQ	_____	_____
Stormwater Retention	Detention/Retention			
☐ Constructed Wetlands		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Wet Ponds		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Retention Basin		☐ VC ☐ RC ☐ WQ	_____	_____
Sediment and Pollutant Removal	Water Quality Treatment			
☐ Vegetated Filter Strips		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Compost Filter Sock		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Detention Basins		☐ VC ☐ RC ☐ WQ	_____	_____
Access Road Design	Infiltration/Recharge			
☐ Road Crowning		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Ditches		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Turnouts		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Culverts		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Roadside Vegetated Filter Strips		☐ VC ☐ RC ☐ WQ	_____	_____

Stormwater Energy Dissipaters	Infiltration/Recharge			
☐ Level Spreaders		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Riprap Aprons		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Upslope Diversions		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Other_____		☐ VC ☐ RC ☐ WQ	_____	_____

d. Critical PCSM Plan stages

Identify and list critical stages of implementation of the PCSM Plan for which a licensed professional or designee shall be present on site.

1. Following final grading and seeding of the collection channels and infiltration berm in order to confirm they have been constructed according to the plan details for proper collection, infiltration, and conveyance of runoff. Periodic assessments will need to be made to ensure that accumulated sediment should be cleaned out so the channels and berm maintain necessary design volume.
2. For final inspection of constructed BMPs.
3. At the establishment of hard surface stabilization or 70% vegetation covers to allow removal of E & S controls.

SECTION I. ANTIDEGRADATION ANALYSIS

This section must be completed where earth disturbance activities will be conducted in the watershed of a surface water with an existing or designated use of exceptional value or high quality pursuant to Chapter 93 (relating to water quality standards), projects where any part is located in an exceptional value wetland in accordance with 25 Pa. Code § 105.17, and projects where any part is located in the watershed of an impaired surface water where the cause of impairment is identified as siltation.

Part 1 - NONDISCHARGE ALTERNATIVES EVALUATION

The applicant must consider and describe any and all non-discharge alternatives for the entire project area which are environmentally sound and will**:**

- Minimize accelerated erosion and sedimentation during the earth disturbance activity
- Achieve no net change from pre-development to post-development volume, rate and concentration of pollutants in water quality

E & S Plan	PCSM/SR Plan
Check off the environmentally sound nondischarge Best Management Practices (BMPs) listed below to be used prior to, during, and after earth disturbance activities that have been incorporated into your E & S Plan based on the site analysis. For non-discharge BMPs not checked, provide an explanation of why they were not utilized. Also for BMPs checked, provide an explanation of why they were utilized. (Provide the analysis and attach additional sheets if necessary) See Section 2 of this ESCGP-3 Application	Check off the environmentally sound nondischarge Best Management Practices (BMPs) listed below to be used after construction that have been incorporated into the PCSM/SR Plan based on your site analysis. For non-discharge BMPs not checked, provide an explanation of why they were not utilized. Also for BMPs checked, provide an explanation of why they were utilized. (Provide the analysis and attach additional sheets if necessary) See Section 3 of this ESCGP-3 Application
Nondischarge BMPs ☐ Alternative Siting ☐ Alternative location ☐ Alternative configuration ☐ Alternative location of discharge ☒ Limited Disturbed Area ☐ Limiting Extent & Duration of Disturbance (Phasing, Sequencing) ☐ Riparian Buffers (150 ft. min.) ☐ Riparian Forest Buffer (150 ft. min.) ☐ Other _____	**Nondischarge BMPs** ☐ Alternative Siting ☐ Alternative location ☐ Alternative configuration ☐ Alternative location of discharge ☐ Low Impact Development (LID / BSD) ☐ Riparian Buffers (150 ft. min.) ☐ Riparian Forest Buffer (150 ft. min.) ☒ Infiltration ☐ Water Reuse ☐ Other _____
Will the non-discharge alternative BMPs eliminate the net change in rate, volume and quality during construction? ☐ Yes ☒ No If yes, antidegradation analysis is complete. If no, proceed to Part 2.	Will the non-discharge alternative BMPs eliminate the net change in rate, volume and quality after construction? ☐ Yes ☒ No If yes, antidegradation analysis is complete. If no, proceed to Part 2.

PART 2 - ANTIDEGRADATION BEST AVAILABLE COMBINATION OF TECHNOLOGIES (ABACT)

If the net change in stormwater discharge from or after construction is not fully managed by nondischarge BMPs, the applicant must utilize ABACT BMPs to manage the difference. The Applicant must specify whether the discharge will occur during construction, post-construction or both, and identify the technologies that will be used to ensure that the discharge will be a non-degrading discharge. ABACT BMPs include but are not limited to:

E & S Plan	PCSM/SR Plan
☒ **Treatment BMPs:** ☐ Sediment basin with skimmer ☐ Sediment basin ratio of 4:1 or greater (flow length to basin width) ☐ Sediment basin with 4-7 day detention ☐ Flocculants ☒ Compost Filter Socks ☒ Compost Filter Sock Sediment Basin ☒ RCE w/ Wash Rack ☒ **Land disposal:** ☐ Vegetated filters ☐ Riparian buffers <150ft. ☐ Riparian Forest Buffer <150ft. ☒ Immediate stabilization ☒ **Pollution prevention:** ☒ PPC Plans ☒ Street sweeping ☒ Channels, collectors and diversions lined with permanent vegetation, rock, geotextile or other non-erosive materials ☐ **Stormwater reuse technologies:** ☐ Sediment basin water for dust control ☐ Sediment basin water for irrigation ☐ **Other** _____	☒ **Treatment BMPs:** ☒ Infiltration Practices ☐ Wet ponds ☐ Created wetland treatment systems ☒ Vegetated swales ☐ Manufactured devices ☒ Bio-retention/infiltration ☐ Green Roofs ☐ **Land disposal:** ☐ Vegetated filters ☐ Riparian Buffers <150ft. ☐ Riparian Forest Buffer <150ft. ☐ Disconnection of roof drainage ☐ Bio-retention/bio-infiltration ☒ **Pollution prevention:** ☐ Street sweeping ☐ Nutrient, pesticide, herbicide or other chemical application plan alternatives ☒ PPC Plans ☒ Non-structural Practices ☒ Restoration BMPs ☐ **Stormwater reuse technologies:** ☐ Divert rainwater into impoundment ☐ Underground storage ☐ Spray/Drip Irrigation ☐ **Other** _____
Are the ABACT BMPs selected sufficient to minimize E&S discharges to the extent that existing or designated surface water uses are protected? ☒ Yes ☐ No If yes, Antidegradation analysis is complete. If no, NOI Application will be returned to the Applicant.	Are the ABACT BMPs selected sufficient to achieve no net change and assure that existing or designated surface water uses are protected? ☒ Yes ☐ No If yes, Antidegradation analysis is complete. If no, NOI Application will be returned to the Applicant.

SECTION J. COMPLIANCE HISTORY REVIEW

Is/was the applicant(s) in violation of any Department regulation, order, schedule of compliance or permit or in violation of any department regulated activities within the past five years?

☒ Yes ☐ No

If yes, provide the permit number or facility name, a brief description of the violation, the compliance schedule (including dates and steps to achieve compliance) and the current compliance status. (Attach additional information on a separate sheet, when necessary)

Permit Program or Activity: Chapter 102, Chapter 105, PAG-10
Permit Number (if applicable):

1. **ESG03000150001, ESG00350150001, ESG00081150001**
2. **E41-649**
3. **E-19-311, E36-947, E-38-195, E40-769,E49-336, E54-360, E58-315, E66-160, E41-667, E18-495,**
4. **PAG109632**

Brief Description of non-compliance:

Consent Assessment of Civil Penalty, Reports past due.

Steps taken to achieve compliance	Date(s) compliance achieved
1. Consent Assessment of Civil Penalty 2. Consent Assessment of Civil Penalty. Permits being obtained to complete channel restoration 3. Consent Assessment of Civil Penalty 4. All past due reports were provided to PADEP	1. 9/20/2020 2. 8/9/2020 3. 9/20/2020 4. 12/14/2017

Current Compliance Status: ☒ In-Compliance ☐ In Non-Compliance

If in non-compliance, attach schedule for achieving compliance.

SECTION K. CERTIFICATION BY PERSON PREPARING E&S AND PCSM/SR PLANS

I do hereby certify to the best of my knowledge, information, and belief, that the Erosion and Sediment Control and PCSM/Site Restoration Plans are true and correct, represent actual field conditions, and are in accordance with the 25 Pa. Code Chapters 78/78a and 102 of the Department's rules and regulations. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment.

Print Name Kevin C. Clark	Signature	Professional Seal
Company BAI Group, LLC		
Address 2525 Green Tech Drive, Suite D, State College, PA-16803		
Phone (814) 238-2060		
Most Recent DEP Training Attended _____	Location _____ Date _____	
e-Mail Address kclark@baigroupllc.com		

EXPEDITED REVIEW PROCESS

In addition to the certification required above, applicants using the expedited permit review process must attach an E&S and PCSM/Site Restoration Plans developed and sealed by a licensed professional engineer, surveyor or professional geologist. The plans shall contain the following certification:

*I do hereby certify to the best of my knowledge, information, and belief, that the E & S Control and PCSM/SR BMPs are true and correct, represent actual field conditions and are in accordance with the 25 Pa. Code Chapters 78 / 78a and 102 of the Department's rules and regulations. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment***.**

SECTION L. APPLICANT CERTIFICATION

Applicant Certification

I certify under penalty of law, as provided by 18 Pa. C.S.A. § 4904, that this application and all related attachments were prepared by me or under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my own knowledge and on inquiry of the person or persons who manage the system or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate and complete. The responsible official's signature also verifies that the activity is eligible to participate in the ESCGP, and that the applicant agrees to abide by the terms and conditions of the permit. BMP's, E&S Plan, PPC Plan, PCSM Plan, and other controls are being or will be, implemented to ensure that water quality standards and effluent limits are attained.

I grant permission to the agencies responsible for the permitting of this work, or their duly authorized representative to enter the project site for inspection purposes. I will abide by the conditions of the permit if issued and will not begin work prior to permit issuance.

(For individuals no indication of title is necessary, choose the box below. All others proceed to the next paragraph)

☐ **Individual; proceed to signature portion.**

I hereby certify under penalty of law, as provided by 18 Pa. C.S.A. § 4904, that I am the person who is responsible for decision-making regarding environmental compliance functions for Transcontinental Gas Pipeline Company, LLC, the manager of one or more manufacturing, production, or operating facilities of the applicant and am authorized to make management decisions which govern the operation of regulated facility including having explicit or implicit duty of making major capital investment recommendations, and initiating and directing other comprehensive measures to assure the applicant's long term environmental compliance with environmental laws and regulations; and I am responsible for ensuring that the necessary systems are established or actions taken to gather complete and accurate information for permit application requirements.

(choose one of the following; not applicable for individuals):

☐ The responsible corporate officer ☐ president ☐ vice president ☐ secretary
☐ treasure of _____ Corporation/Company
Entity name

☒ The ☐ member or ☒ manager of Transcontinental Gas Pipe Line Company, LLC
Entity name

☐ The general partner of _____ partnership/LP/LLP
Entity name

☐ The principal executive officer or ranking elected official of _____ Municipality/State/Federal/other public agency
Entity name

☐ Power of Attorney/delegation of contractual authority (documentation supporting delegation of contracting authority must be provided) for _____
Entity name

_____	_____
Print Name and Title of Applicant	Print Name and Title of Co-Applicant (if applicable)
_____	_____
Signature of Applicant	Signature of Co-Applicant
_____	_____
Date Application Signed	Date Application Signed

Notarization

Sworn to and subscribed to before me this

_____ day of _____, 20_____

_____
Notary Public

AFFIX SEAL

Commonwealth of Pennsylvania

County of _____

My Commission expires _____

SECTION M. ADDITIONAL CONTACT INFORMATION				
Contact's Last Name	First Name	MI	Phone (814) 689-1650	
Nelson	Ryan	J	FAX	
Mailing Address	City		State	ZIP + 4
2525 Green Tech Drive, Suite B	State College		PA	16803
e-Mail Address ryann@whmgroup.com				

Section 1-1.1 NOI Supporting Information

Project Component	Site	Site Location City	ZIP Code	County	Municipality	Total Project Area/Project Site (Acre)	Total Disturbed Area (Acre)	Latitude / Longitude	U.S.G.S. 7.5 min. Topographic Quadrangle	Receiving Waters	Chapter 93, Designated Use Stream Classification	Chapter 93, Existing Use Stream Classification	Siltation Impaired
Regional Energy Lateral	Pipeline			Luzerne	Buck, Bear Creek, Plains, Jenkins, Kingston, Dallas, Wyoming, West Wyoming, Laflin	952.63	420.67 (includes CS 515 and sites below)	41.173337, -75.671706 (eastern terminus) 41.346917, -75.946263 (western terminus)	Kingston, Pittston, Avoca, Wilkes-Barre East, Pleasant View Summit	Stony Run, Shades Creek, Little Shades Creek, Snider Run, Meadow Run, Bear Creek, Little Bear Creek, Mill Creek, Gardner Creek, Susquehanna River, Abrahams Creek, Toby Creek, Trout Brook	MF, HQ-CWF, WWF, CWF	-	No
	CY-LU-001	Wyoming	18644	Luzerne	Wyoming		16.3 (Included within above total)	41.31016, -75.84636		Abrahams Creek	CWF, MF	-	No
	CY-LU-002	Wilkes-Barre	18702	Luzerne	Laflin		11.4 (Included within above total)	41.28491, -75.79026		Gardner Creek	CWF, MF	-	No
	MLV-515RA20	Wilkes-Barre	18702	Luzerne	Bear Creek Township		0.46 (Included within above total)	41.25279, -75.75856		Mill Creek	CWF, MF	-	No
	MLV-515RA30	Wyoming	18644	Luzerne	Wyoming Borough		0.44 (Included within above total)	41.30411, -75.84662		Susquehanna River	WWF		No
	Carverton Tie-in	Wyoming	18644	Luzerne	West Wyoming Borough		3.9 (Included within above total)	41.32053, -75.87270		Abrahams Creek	CWF, MF		No
	Lower Demunds REL Tie-in	Dallas	18612	Luzerne	Dallas Township		1.7 (Included within above total)	41.34652, -75.94551		Trout Brook	CWF, MF		No
	Hildebrandt Tie-in/MLV-515RA40	Dallas	18612	Luzerne	Dallas Township		3.1 (Included within above total)	41.34692, -75.94629		Toby Creek, Trout Brook	CWF, MF		No
	Laflin Borough Stream Stabilization	Wilkes-Barre	18702	Luzerne	Laflin Borough		0.94 (Included within above total)	41.28925, -75.80209		Gardner Creek	CWF, MF	-	No
Effort Loop	Pipeline			Monroe	Ross, Chestnuthill, Tunkhannock	360.63	262.18	40.896796, -75.370606 (Southeast Terminus) 41.053413, -75.526178 (Northwest Terminus)	Blakeslee, Pocono Pines, Brodheadsville, Saylorsburg	Lake Creek, Princess Run, Weir Creek, McMichael Creek, Pohopoco Creek, Sugar Hollow Creek, Poplar Creek, Mud Run, Mud Pond Run, Tunkhannock Creek	EV, MF, HQ-CWF, CWF	EV, MF	No

Project Component	Site	Site Location City	ZIP Code	County	Municipality	Total Project Area/Project Site (Acre)	Total Disturbed Area (Acre)	Latitude / Longitude	U.S.G.S. 7.5 min. Topographic Quadrangle	Receiving Waters	Chapter 93, Designated Use Stream Classification	Chapter 93, Existing Use Stream Classification	Siltation Impaired
	MLV-505LD86 Sugar Hollow Valve Yard	Effort	18330	Monroe	Chestnut Hill Township		8.8 (Included within above total)	40.96775, -75.42980		Sugar Hollow Creek	CWF, MF	-	No
	CY-MO-001	Saylorsburg	18353	Monroe	Ross Township		50.1 (Included within above total)	40.89803, -75.36784		Lake Creek, Princess Run	HQ-CWF, MF, CWF	-	No
Delaware River Regulator		Easton	18040	Northampton	Lower Mt. Bethel	11.28	3.25	40.76220 -75.19653	Bangor, PA	Mud Run	CWF, MF	-	No
Mainline "A" Regulator		Washington Crossing	18977	Bucks	Lower Makefield	0.94	0.530	40.26807, -74.85712	Pennington, NJ-PA	Dyers Creek, Delaware River	MF, WWF	-	No
Compressor Station 200		Frazer	19335	Chester	East Whiteland	20.28	3.16	40.04998, -75.58589	Malvern, PA	Valley Creek	EV, MF, CWF	-	Yes
Compressor Station 515		White Haven	18661	Luzerne	Buck	952.63 (Included with Regional Energy Lateral)	24.83 (included with Regional Energy Lateral)	41.17380, -75.67118	Pleasant View Summit, PA	Shades Creek, Stony Run	HQ-CWF, MF	-	No

pennsylvania
DEPARTMENT OF ENVIRONMENTAL PROTECTION

COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
BUREAU OF CLEAN WATER

COUNTY NOTIFICATION OF PLANNED LAND DEVELOPMENT FOR CHAPTER 102 PERMITS

PROJECT INFORMATION (COMPLETED BY APPLICANT)

Applicant Name:	**Transcontinental Gas Pipe Line Company, a subsidiary of Williams Partners, L.P.**	Contact Name:	**Joseph Dean** **Manager-Permitting**
Applicant Address:	**2800 Post Oak Blvd, Level 11**	Contact Phone:	**(713) 215-3427**
Applicant City, State, ZIP:	**Houston, TX 77056**	County:	**Monroe**

Description of Proposed Land Development and Stormwater Controls:

The Effort Loop component of the Regional Energy Access Expansion Project will consist of approximately 13.8 miles of 42-inch pipeline co-located with existing Transco Leidy Lines between Mileposts 43.72 and 57.50 in Ross, Chestnuthill and Tunkhannock Townships, Monroe County. The new pipeline will tie-in to the existing 42-in Leidy Line "D" on both ends, completing the segment. With the segment completed, the existing pig traps (industry term for manifolds that launch or receive in-line inspection tools) at both tie-ins will no longer be needed and will therefore be removed, while the existing mainline valves will remain. Transco will be installing a new mainline valve and appurtenant equipment at Milepost 49.6 off of Sugar Hollow Road. The valve installation is a means to isolate gas flows. One Contractor Yard is proposed at the east end of the pipeline at MP 43.72. One remote anode groundbed is proposed at MP 43.72. E&S and PCSM BMP's are proposed.

Municipality: **Ross,Chestnuthill, Tunkhannock**

Project Area: **358.70** acres ☐ Phased

Disturbance: **260.20** acres

Surface Waters Receiving Stormwater Discharges:

Lake Creek, Princess Run, Weir Creek, McMichael Creek, Pohopoco Creek, Sugar Hollow Creek, Poplar Creek, Mud Run, Mud Pond Run, Tunkhannock Creek

Tax Parcel ID(s) Affected by Proposed Land Development:

See attached table

Discharge to: ☐ MS4 ☐ Other SS ☐ CSS

The following information was submitted to the county for this project:

☐ Land Development / Subdivision Plan ☒ E&S Plan ☒ PCSM Plan ☐ Other:

***On March 31, 2021 Transco submitted to you its E&S and PCSM Plans (Plans) as part of the ESCGP-3 permit application notification. Transco provided an update in July 2021 indicating the Erosion and Sediment Control Permit for Discharges of Stormwater Associated with Construction Activities Application was submitted to the PA Dept. of Environmental Protection to replace the ESCGP-3 application. Transco has updated the application in response to the PADEP Technical Deficiencies and is providing the updated materials. Updated drawings, location maps, GIF form and Parcel ID tables are included.**

COUNTY PLAN INFORMATION (COMPLETED BY COUNTY)

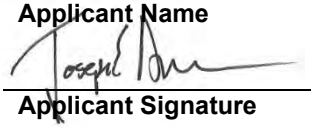
Name of county organization completing this assessment:

1.	Is there an adopted county or multi-county comprehensive plan?	☐ Yes	☐ No	
2.	If Yes to #1, is the proposed project consistent with the county plan?	☐ Yes	☐ No	
3.	Is there a DEP-approved Act 167 stormwater management plan?	☐ Yes	☐ No	☐ CCD
4.	If Yes to #3, is the proposed project consistent with the Act 167 plan, without waiver?	☐ Yes	☐ No	☐ CCD
5.	If Yes to #3, list the date of the latest plan / update approved by DEP:			☐ CCD

APPLICANT CERTIFICATION	COUNTY ACKNOWLEDGEMENT
I certify under penalty of law (see 18 Pa.C.S. § 4904 (relating to unsworn falsification)) that the information reported herein was prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the information, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.	The county acknowledges that a permit application for the above-referenced project has been submitted to a reviewing agency and that notification requirements of Act 14 of 1984 and Acts 67, 68, and 127 of 2000 have been satisfied. The information reported herein by the county is true and accurate. County acknowledgment of receipt of notification shall not be construed as project approval.

Joseph Dean

Applicant Name



Applicant Signature

Manager - Permitting

Applicant Title

04/06/2022

Date of Signature

County Representative Name

County Representative Signature

County Representative Title

Date of Signature

Proof of Delivery

Dear Customer,

This notice serves as proof of delivery for the shipment listed below.

Tracking Number
1Z8797VV0399195974

Weight
3.00 LBS

Service

UPS Ground

Shipped / Billed On
04/06/2022

Delivered On

04/07/2022 9:52 A.M.

Delivered To
STROUDSBURG, PA, US

Received By

COCUZZO

Left At
Inside Delivery

Thank you for giving us this opportunity to serve you. Details are only available for shipments delivered within the last 120 days. Please print for your records if you require this information after 120 days.

Sincerely,

UPS

Tracking results provided by UPS: 04/11/2022 11:13 A.M. EST

Transcontinental Gas Pipe Line Company, LLC

Section 1-11 – General Information Form

Regional Energy Access Expansion Project

April 2021
(Added July 2021)
(Revised March 2022)

pennsylvania
DEPARTMENT OF ENVIRONMENTAL PROTECTION

COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION

GENERAL INFORMATION FORM – AUTHORIZATION APPLICATION

Before completing this General Information Form (GIF), read the step-by-step instructions provided in this application package. This form is used by the Department of Environmental Protection (DEP) to inform our programs regarding what other DEP permits or authorizations may be needed for the proposed project or activity. This version of the General Information Form (GIF) must be completed and returned with any program-specific application being submitted to the DEP.

Related ID#s (If Known)				DEP USE ONLY
Client ID#		**APS ID#**		Date Received & General Notes
Site ID#		**Auth ID#**		
Facility ID#				

CLIENT INFORMATION

DEP Client ID#	Client Type / Code	Dun & Bradstreet ID#
163321	LLC	

Legal Organization Name or Registered Fictitious Name	Employer ID# (EIN)	Is the EIN a SSN?
Transcontinental Gas Pipe Line Company, LLC	74-1079400	☐ Yes ☒ NO

State of Incorporation or Registration of Fictious Name

☐ Corporation ☒ LLC ☐ Partnership ☐ LLP ☐ LP
☐ Sole Proprietorship ☐ Association/Organization
☐ Estate/Trust ☐ Other

Individual Last Name	First Name	MI	Suffix

Additional Individual Last Name	First Name	MI	Suffix

Mailing Address Line 1	Mailing Address Line 2
2800 Post Oak Blvd, Level 11	

Address Last Line – City	State	ZIP+4	Country
Houston	TX	77056	United States

Client Contact Last Name	First Name	MI	Suffix
Dean	Joseph		

Client Contact Title	Phone	Ext	Cell Phone
Manager, Permitting	(713) 215-3427		

Email Address	FAX
Joseph.Dean@Williams.com	

SITE INFORMATION

DEP Site ID#	Site Name
	Regional Energy Access Expansion Project

EPA ID# **Estimated Number of Employees to be Present at Site**

Description of Site
The Project is an expansion of an existing natural gas transmission system consisting of pipelines, modification of three existing compressor stations and additional existing ancillary facilities.

Tax Parcel ID(s):

County Name(s)	Municipality(ies)	City	Boro	Twp	State
Luzerne	Buck, Bear Creek, Plains, Jenkins, Kingston, Dallas, Wyoming, West Wyoming, Laflin	☐	☒	☒	PA
Monroe	Ross, Chestnuthill, Tunkhannock	☐	☐	☒	PA
Northampton	Lower Mt. Bethel	☐	☐	☒	PA
Bucks	Lower Makefield	☐	☐	☒	PA
Chester	East Whiteland	☐	☐	☒	PA
		☐	☐	☒	PA
		☐	☒	☐	PA

Site Location Line 1	Site Location Line 2
See Section 1.1 - GIF Supporting Information	

Site Location Last Line – City	State	ZIP+4

Detailed Written Directions to Site
See Secton 1.1 - GIF Supporting Information for locations of all project sites.

Site Contact Last Name	First Name	MI	Suffix
Henry	Josh		

Site Contact Title	Site Contact Firm
Environmental Specialist	Transcontinental Gas Pipe Line Company, LLC.

Mailing Address Line 1	Mailing Address Line 2
2000 Commerce Drive, Park Place 2	

Mailing Address Last Line – City	State	ZIP+4
Pittsburgh	PA	15275

Phone	Ext	FAX	Email Address
(412) 787- 4277			Josh.Henry@Williams.com

NAICS Codes (Two- & Three-Digit Codes – List All That Apply) **6-Digit Code** (Optional)
221

Client to Site Relationship
OWNOP

FACILITY INFORMATION

Modification of Existing Facility	Yes	No
1. **Will this project modify an existing facility, system, or activity?**	☒	☐
2. **Will this project involve an addition to an existing facility, system, or activity?**	☒	☐

If "Yes", check all relevant facility types and provide DEP facility identification numbers below.

	Facility Type	DEP Fac ID#		Facility Type	DEP Fac ID#
☐	Air Emission Plant		☐	Industrial Minerals Mining Operation	
☐	Beneficial Use (water)		☐	Laboratory Location	
☐	Blasting Operation		☐	Land Recycling Cleanup Location	
☐	Captive Hazardous Waste Operation		☐	Mine Drainage Treatment / Land Recycling Project Location	
☐	Coal Ash Beneficial Use Operation		☐	Municipal Waste Operation	
☐	Coal Mining Operation		☐	Oil & Gas Encroachment Location	
☐	Coal Pillar Location		☐	Oil & Gas Location	
☐	Commercial Hazardous Waste Operation		☐	Oil & Gas Water Poll Control Facility	
☐	Dam Location		☐	Public Water Supply System	
☐	Deep Mine Safety Operation -Anthracite		☐	Radiation Facility	
☐	Deep Mine Safety Operation -Bituminous		☐	Residual Waste Operation	
☐	Deep Mine Safety Operation -Ind Minerals		☐	Storage Tank Location	
☐	Encroachment Location (water, wetland)		☐	Water Pollution Control Facility	
☐	Erosion & Sediment Control Facility		☐	Water Resource	
☐	Explosive Storage Location		☒	Other: Natural Gas Transmission	

Latitude/Longitude Point of Origin	Latitude Degrees	Latitude Minutes	Latitude Seconds	Longitude Degrees	Longitude Minutes	Longitude Seconds
See Section 1.1 - GIF Supporting Information						

Horizontal Accuracy Measure	Feet	*--or--*	Meters
Horizontal Reference Datum Code	☐ North American Datum of 1927 ☒ North American Datum of 1983 ☐ World Geodetic System of 1984		
Horizontal Collection Method Code	GISDR		
Reference Point Code	CNTAR		
Altitude	Feet	*--or--*	Meters
Altitude Datum Name	☐ The National Geodetic Vertical Datum of 1929 ☒ The North American Vertical Datum of 1988 (NAVD88)		
Altitude (Vertical) Location Datum Collection Method Code	TOPO		

Geometric Type Code	POINT				
Data Collection Date	2020				
Source Map Scale Number	1	Inch(es)	=	2,000	Feet
--or--		Centimeter(s)	=		Meters

PROJECT INFORMATION

Project Name
Regional Energy Access Expansion Project

Project Description
The Project is an expansion of Transco's existing natural gas transmission system that will enable Transco to provide an incremental 829,400 dekatherms per day (Dth/d) of year-round firm transportation capacity from the Marcellus Shale production area in northeastern Pennsylvania (PA) to multiple delivery points along Transco's Leidy Line in PA, Transco's mainline at the Station 210 Zone 6 Pooling Point in Mercer County, New Jersey (NJ) and multiple delivery points in Transco's Zone 6 in NJ, PA, and Maryland (MD). The Project will consist of the following components:

• Approximately 22.2 miles of 30-inch-diameter pipeline partially collocated with Transco's Leidy Line A from milepost (MP) 0.00 to MP 22.32 in Luzerne County, PA (Regional Energy Lateral);

• Approximately 13.8 miles of 42-inch-diameter pipeline collocated with Transco's Leidy Line System from MP 43.72 to MP 57.50 in Monroe County, PA (Effort Loop);

• New electric motor-driven compressor station identified as Compressor Station 201 with 9,000 nominal horsepower (HP) in Gloucester County, NJ;

• Addition of two gas-fired turbine driven compressor units with 31,800 nominal HP at ISO conditions at existing Compressor Station 505 in Somerset County, NJ, to accommodate the abandonment and replacement of approximately 16,000 HP from eight existing internal combustion engine-driven compressor units and increase the certificated station compression by 15,800 HP;

• Addition of two gas-fired turbine driven compressor units with 63,742 nominal HP at ISO conditions and modification of three existing compressors at existing Compressor Station 515 in Luzerne County, PA to support the Project and to accommodate the abandonment and replacement of approximately 17,000 HP from five existing gas-fired reciprocating engine driven compressors and increase the certificated station compression by 46,742 HP;

• Uprate and rewheel two existing electric motor-driven compressor units at existing Compressor Station 195 in York County, PA to increase the certificated station compression by 6,000 HP and accommodate the abandonment of two existing gas-fired reciprocating engine driven compressors, which total approximately 8,000 HP;

• Modifications at existing Compressor Station 200 in Chester County, PA;

• Uprate one existing electric motor-driven compressor unit at Compressor Station 207 in Middlesex County, NJ to increase the certificated station compression by 4,100 HP;

• Modifications to three (3) existing pipeline tie-ins in PA (Hildebrandt Tie-in, Lower Demunds REL Tie-in, and Carverton Tie-in);

• Addition of regulation controls at an existing valve setting on Transco's Mainline "A" in Bucks County, PA (Mainline A Regulator);

• Modifications at the existing Delaware River Regulator in Northampton County, PA;

• Modifications at the existing Centerville Regulator in Somerset County, NJ;

• Modifications to the existing valves and piping at the Princeton Junction (Station 210 Pooling Point) in Mercer County, NJ;

• Modifications to three (3) existing delivery meter stations in NJ (Camden M&R Station, Lawnside M&R Station, and Mt. Laurel M&R Station);

• Modifications to one (1) existing delivery meter station in MD (Beaver Dam M&R Station);

• Contractual changes (no modifications) at ten (10) existing delivery meter stations in PA and NJ (Algonquin-Centerville Meter Station, Post Road Meter Station, New Village Meter Station, Spruce Run Meter Station, Marcus Hook Meter Station, Ivyland Meter Station, Repaupo Meter Station, Morgan Meter Station, Lower Mud Run Meter Station, and Chesterfield Meter Station);

• Additional ancillary facilities, such as mainline valves (MLVs), cathodic protection, communication facilities, and internal inspection device (e.g., pig) launchers and receivers in PA; and

• Existing, improved, and new access roads and contractor yards/staging areas in PA, NJ, and MD.

In an ongoing effort to reduce its air emissions footprint, Transco is assessing the replacement of vintage gas-fired reciprocating engine driven compressors with more efficient state-of-the-art gas-fired turbine driven compressors. The proposed compression abandonment and replacement scopes at Transco's existing Compressor Station 505 and Compressor Station 515 are part of this effort and have been adopted into the Project scope. Additionally, the uprate and optimization of existing electric motor-driven compression to accommodate abandonment of gas-fired reciprocating engine driven compression at Compressor Station 195 has also been adopted into the Project scope.

The Algonquin-Centerville, Post Road, New Village, Spruce Run, Marcus Hook, Ivyland, Repaupo, Morgan, Lower Mud Run, and Chesterfield Meter Stations can accommodate the contractual changes proposed as part of this Project; therefore, no modifications are proposed at these facilities

Project Consultant Last Name	**First Name**	**MI**	**Suffix**
Nelson	Ryan		

Project Consultant Title	**Consulting Firm**
Senior Project Manager	WHM Consulting, LLC

Mailing Address Line 1	**Mailing Address Line 2**
2525 Green Tech Drive; Suite B	

Address Last Line – City	**State**	**ZIP+4**
State College	PA	16803

Phone	**Ext**	**FAX**	**Email Address**
(814) 689-1650	102		ryann@whmgroup.com

Time Schedules	**Project Milestone (Optional)**
March 2021	Submit 401 WQC
April 2021	Submit Chapter 102 / 105 Permits
2nd Quarter of 2023	Commence Construction
4th Quarter 2024	In-service Date

1. Is the project located in or within a 0.5-mile radius of an Environmental Justice community as defined by DEP? ☒ Yes ☐ No

To determine if the project is located in or within a 0.5-mile radius of an environmental justice community, please use the online Environmental Justice Areas Viewer.

2. Have you informed the surrounding community prior to submitting the application to the Department? ☒ Yes ☐ No

Method of notification:

1) Open house schedule mailed to affected parties;

2) Newspaper advertisements of open houses placed in newspapers of general circulation in the Project area;

3) Open houses (a mixture of virtual and in-person) held in the county of each major project scope item;
4) Newspaper advertisements prior to commencement of construction, which will be placed in those same publications;
5) Notification to businesses potentially affected by construction;
6) Designation of a point of contact for stakeholder communication;
7) A Project toll free telephone number for public inquiries; and
•8) A Project website with periodic updates of relevant information.

3. Have you addressed community concerns that were identified? ☒ Yes ☐ No ☐ N/A

If no, please briefly describe the community concerns that have been expressed and not addressed.

4. Is your project funded by state or federal grants? ☐ Yes ☒ No

Note: If "Yes", specify what aspect of the project is related to the grant and provide the grant source, contact person and grant expiration date.

Aspect of Project Related to Grant
Grant Source: _____
Grant Contact Person: _____
Grant Expiration Date: _____

5. Is this application for an authorization on Appendix A of the Land Use Policy? (For referenced list, see Appendix A of the Land Use Policy attached to GIF instructions) ☒ Yes ☐ No

Note: If "No" to Question 5, the application is not subject to the Land Use Policy.
If "Yes" to Question 5, the application is subject to this policy and the Applicant should answer the additional questions in the **Land Use Information** section.

LAND USE INFORMATION

Note: Applicants should submit copies of local land use approvals or other evidence of compliance with local comprehensive plans and zoning ordinances.

1.	**Is there an adopted county or multi-county comprehensive plan?**	☒	Yes	☐	No
2.	**Is there a county stormwater management plan?**	☒	Yes	☐	No
3.	**Is there an adopted municipal or multi-municipal comprehensive plan?**	☒	Yes	☐	No
4.	**Is there an adopted county-wide zoning ordinance, municipal zoning ordinance or joint municipal zoning ordinance?**	☒	Yes	☐	No
5.	**Does the proposed project meet the provisions of the zoning ordinance or does the proposed project have zoning approval?** If zoning approval has been received, attach documentation.	☒	Yes	☐	No
6.	**Have you attached Municipal and County Land Use Letters for the project?**	☐	Yes	☒	No

Note: If the Applicant answers "No" to either Questions 1, 3 or 4, the provisions of the PA MPC are not applicable and the Applicant does not need to respond to questions 5 and 6 below.
If the Applicant answers "Yes" to questions 1, 3 and 4, the Applicant should respond to questions 5 and 6 below.

* This Project is regulated by the Federal Energy Regulatory Commission (FERC) under the Natural Gas Act. FERC has exclusive jurisdiction over siting of the Project, therefore, local zoning is preempted.

COORDINATION INFORMATION

Note: The PA Historical and Museum Commission must be notified of proposed projects in accordance with DEP Technical Guidance Document 012-0700-001 utilizing the Project Review Form.

If the activity will be a mining project (i.e., mining of coal or industrial minerals, coal refuse disposal and/or the operation of a coal or industrial minerals preparation/processing facility), respond to questions 1.0 through 2.5 below.

If the activity will not be a mining project, skip questions 1.0 through 2.5 and begin with question 3.0.

1.0	**Is this a coal mining project?** If "Yes", respond to 1.1-1.6. If "No", skip to Question 2.0.	☐	Yes	☒	No
1.1	**Will this coal mining project involve coal preparation/ processing activities in which the total amount of coal prepared/processed will be equal to or greater than 200 tons/day?**	☐	Yes	☐	No
1.2	**Will this coal mining project involve coal preparation/ processing activities in which the total amount of coal prepared/processed will be greater than 50,000 tons/year?**	☐	Yes	☐	No
1.3	**Will this coal mining project involve coal preparation/ processing activities in which thermal coal dryers or pneumatic coal cleaners will be used?**	☐	Yes	☐	No
1.4	**For this coal mining project, will sewage treatment facilities be constructed and treated waste water discharged to surface waters?**	☐	Yes	☐	No
1.5	**Will this coal mining project involve the construction of a permanent impoundment meeting one or more of the following criteria: (1) a contributory drainage area exceeding 100 acres; (2) a depth of water measured by the upstream toe of the dam at maximum storage elevation exceeding 15 feet; (3) an impounding capacity at maximum storage elevation exceeding 50 acre-feet?**	☐	Yes	☐	No
1.6	**Will this coal mining project involve underground coal mining to be conducted within 500 feet of an oil or gas well?**	☐	Yes	☐	No
2.0	**Is this a non-coal (industrial minerals) mining project?** If "Yes", respond to 2.1-2.6. If "No", skip to Question 3.0.	☐	Yes	☒	No
2.1	**Will this non-coal (industrial minerals) mining project involve the crushing and screening of non-coal minerals other than sand and gravel?**	☐	Yes	☐	No
2.2	**Will this non-coal (industrial minerals) mining project involve the crushing and/or screening of sand and gravel with the exception of wet sand and gravel operations (screening only) and dry sand and gravel operations with a capacity of less than 150 tons/hour of unconsolidated materials?**	☐	Yes	☐	No
2.3	**Will this non-coal (industrial minerals) mining project involve the construction, operation and/or modification of a portable non-metallic (i.e., non-coal) minerals processing plant under the authority of the General Permit for Portable Non-metallic Mineral Processing Plants (i.e., BAQ-PGPA/GP-3)?**	☐	Yes	☐	No
2.4	**For this non-coal (industrial minerals) mining project, will sewage treatment facilities be constructed and treated waste water discharged to surface waters?**	☐	Yes	☐	No
2.5	**Will this non-coal (industrial minerals) mining project involve the construction of a permanent impoundment meeting one or more of the following criteria: (1) a contributory drainage area exceeding 100 acres; (2) a depth of water measured by the upstream toe of the dam at maximum storage elevation exceeding 15 feet; (3) an impounding capacity at maximum storage elevation exceeding 50 acre-feet?**	☐	Yes	☐	No

3.0	**Will your project, activity, or authorization have anything to do with a well related to oil or gas production, have construction within 200 feet of, affect an oil or gas well, involve the waste from such a well, or string power lines above an oil or gas well?** If "Yes", respond to 3.1-3.3. If "No", skip to Question 4.0.	☐	Yes	☒	No
3.1	**Does the oil- or gas-related project involve any of the following: placement of fill, excavation within or placement of a structure, located in, along, across or projecting into a watercourse, floodway or body of water (including wetlands)?**	☐	Yes	☐	No
3.2	**Will the oil- or gas-related project involve discharge of industrial wastewater or stormwater to a dry swale, surface water, ground water or an existing sanitary sewer system or storm water system?** If "Yes", discuss in *Project Description*.	☐	Yes	☐	No
3.3	**Will the oil- or gas-related project involve the construction and operation of industrial waste treatment facilities?**	☐	Yes	☐	No
4.0	**Will the project involve a construction activity that results in earth disturbance?** If "Yes", specify the total disturbed acreage.	☒	Yes	☐	No
	4.0.1 Total Disturbed Acreage + / - 672				
	4.0.2 Will the project discharge or drain to a special protection water (EV or HQ) or an EV wetland?	☒	Yes	☐	No
	4.0.3 Will the project involve a construction activity that results in earth disturbance in the area of the earth disturbance that are contaminated at levels exceeding residential or non-residential medium-specific concentrations (MSCs) in 25 Pa. Code Chapter 250 at residential or non-residential construction sites, respectively?	☐	Yes	☒	No
5.0	**Does the project involve any of the following: water obstruction and/or encroachment, wetland impacts, or floodplain project by the Commonwealth/political subdivision or public utility?** If "Yes", respond to 5.1-5.7. If "No", skip to Question 6.0.	☒	Yes	☐	No
5.1	**Water Obstruction and Encroachment Projects – Does the project involve any of the following: placement of fill, excavation within or placement of a structure, located in, along, across or projecting into a watercourse, floodway or body of water?**	☒	Yes	☐	No
5.2	**Wetland Impacts – Does the project involve any of the following: placement of fill, excavation within or placement of a structure, located in, along, across or projecting into a wetland?**	☒	Yes	☐	No
5.3	**Floodplain Projects by the Commonwealth, a Political Subdivision of the Commonwealth or a Public Utility – Does the project involve any of the following: placement of fill, excavation within or placement of a structure, located in, along, across or projecting into a floodplain?**	☐	Yes	☒	No
5.4	**Is your project an interstate transmission natural gas pipeline?**	☒	Yes	☐	No
5.5	**Does your project consist of linear construction activities which result in earth disturbance in two or more DEP regions AND three or more counties?**	☒	Yes	☐	No
5.6	**Does your project utilize Floodplain Restoration as a best management practice for Post Construction Stormwater Management?**	☐	Yes	☒	No
5.7	**Does your project utilize Class V Gravity / Injection Wells as a best management practice for Post Construction Stormwater Management?**	☐	Yes	☒	No
6.0	**Will the project involve discharge of construction related stormwater to a dry swale, surface water, ground water or separate storm water system?**	☒	Yes	☐	No

6.1	**Will the project involve discharge of industrial waste stormwater or wastewater from an industrial activity or sewage to a dry swale, surface water, ground water or an existing sanitary sewer system or separate storm water system?**	☒	Yes	☐	No
7.0	**Will the project involve the construction and operation of industrial waste treatment facilities?**	☐	Yes	☒	No
8.0	**Will the project involve construction of sewage treatment facilities, sanitary sewers, or sewage pumping stations?** If "Yes", indicate estimated proposed flow (gal/day). Also, discuss the sanitary sewer pipe sizes and the number of pumping stations/treatment facilities/name of downstream sewage facilities in the *Project Description*, where applicable.	☐	Yes	☒	No
	8.0.1 Estimated Proposed Flow (gal/day)				
9.0	**Will the project involve the subdivision of land, or the generation of 800 gpd or more of sewage on an existing parcel of land or the generation of an additional 400 gpd of sewage on an already-developed parcel, or the generation of 800 gpd or more of industrial wastewater that would be discharged to an existing sanitary sewer system?**	☐	Yes	☒	No
	9.0.1 Was Act 537 sewage facilities planning submitted and approved by DEP? If "Yes" attach the approval letter. Approval required prior to 105/NPDES approval.	☐	Yes	☐	No
10.0	**Is this project for the beneficial use of biosolids for land application within Pennsylvania?** If "Yes" indicate how much (i.e. gallons or dry tons per year).	☐	Yes	☒	No
	10.0.1 Gallons Per Year (residential septage)				
	10.0.2 Dry Tons Per Year (biosolids)				
11.0	**Does the project involve construction, modification or removal of a dam?** If "Yes", identify the dam.	☐	Yes	☒	No
	11.0.1 Dam Name				
12.0	**Will the project interfere with the flow from, or otherwise impact, a dam?** If "Yes", identify the dam.	☐	Yes	☒	No
	12.0.1 Dam Name				
13.0	**Will the project involve operations (excluding during the construction period) that produce air emissions (i.e., NOX, VOC, etc.)?**	☒	Yes	☐	No
	13.0.1 If "Yes", is the operation subject to the agricultural exemption in 35 P.S. § 4004.1?	☐	Yes	☒	No

13.0.2 If the answer to 13.0.1 is "No", identify each type of emission followed by the estimated amount of that emission.

Enter all types & amounts of emissions; separate each set with semicolons.

Summary of Compressor Station 515 Estimated Net Operational Potential to Emit (PTE): NOx - 196.8; CO - 314.40; VOC - 50.6; SO2 - 14.0; PM10/PM2.5 - 30.6; Single HAP (formaldehyde)- 8.7; Total HAP - 12.2; CO2e - 511,413 = Annual (tpy)

Summary of Pipeline and M&R Station Estimated Operational Potential to Emit (PTE): VOC - 1.17; Single HAP - 0.20; Total HAP - 0.20; CO2e - 5460.47 = Annual (tpy)

Modifications to Compressor Station 195 and Compressor Station 200 only include uprating existing electric motor-driven compression capacity or piping and valve modifications; therefore, Transco anticipates these facilities will have insignificant operational emissions.

14.0	**Does the project include the construction or modification of a drinking water supply to serve 15 or more connections or 25 or more people, at least 60 days out of the year?** If "Yes", check all proposed sub-facilities.	☐	Yes	☒	No
	14.0.1 Number of Persons Served _____				
	14.0.2 Number of Employee/Guests _____				
	14.0.3 Number of Connections _____				
	14.0.4 Sub-Fac: Distribution System	☐	Yes	☐	No
	14.0.5 Sub-Fac: Water Treatment Plant	☐	Yes	☐	No
	14.0.6 Sub-Fac: Source	☐	Yes	☐	No
	14.0.7 Sub-Fac: Pump Station	☐	Yes	☐	No
	14.0.8 Sub Fac: Transmission Main	☐	Yes	☐	No
	14.0.9 Sub-Fac: Storage Facility	☐	Yes	☐	No
15.0	**Will your project include infiltration of storm water or waste water to ground water within one-half mile of a public water supply well, spring or infiltration gallery?**	☒	Yes	☐	No
16.0	**Is your project to be served by an existing public water supply?** If "Yes", indicate name of supplier and attach letter from supplier stating that it will serve the project.	☐	Yes	☒	No
	16.0.1 Supplier's Name _____				
	16.0.2 Letter of Approval from Supplier is Attached	☐	Yes	☐	No
17.0	**Will this project be served by on-lot drinking water wells?**	☐	Yes	☒	No
18.0	**Will this project involve a new or increased drinking water withdrawal from a river, stream, spring, lake, well or other water bod(ies)?** If "Yes", reference Safe Drinking Water Program.	☐	Yes	☒	No
	18.0.1 Source Name				
19.0	**Will the construction or operation of this project involve treatment, storage, reuse, or disposal of waste?** If "Yes", indicate what type (i.e., hazardous, municipal (including infectious & chemotherapeutic), residual) and the amount to be treated, stored, re-used or disposed.	☐	Yes	☒	No
	19.0.1 Type & Amount				
20.0	**Will your project involve the removal of coal, minerals, contaminated media, or solid waste as part of any earth disturbance activities?**	☐	Yes	☒	No
21.0	**Does your project involve installation of a field constructed underground storage tank?** If "Yes", list each Substance & its Capacity. **Note:** Applicant may need a Storage Tank Site Specific Installation Permit.	☐	Yes	☒	No
	21.0.1 Enter all substances & capacity of each; separate each set with semicolons.				
22.0	**Does your project involve installation of an aboveground storage tank greater than 21,000 gallons capacity at an existing facility?** If "Yes", list each Substance & its Capacity. **Note:** Applicant may need a Storage Tank Site Specific Installation Permit.	☐	Yes	☒	No
	22.0.1 Enter all substances & capacity of each; separate each set with semicolons.				
23.0	**Does your project involve installation of a tank greater than 1,100 gallons which will contain a highly hazardous substance as defined in DEP's Regulated Substances List, 2570-BK-DEP2724?** If "Yes", list each Substance & its Capacity. **Note:** Applicant may need a Storage Tank Site Specific Installation Permit.	☐	Yes	☒	No
	23.0.1 Enter all substances & capacity of each; separate each set with semicolons.				

24.0	**Does your project involve installation of a storage tank at a new facility with a total AST capacity greater than 21,000 gallons?** If "Yes", list each Substance & its Capacity. **Note:** Applicant may need a Storage Tank Site Specific Installation Permit. **24.0.1 Enter all substances & capacity of each; separate each set with semicolons.**	☐	Yes	☒	No

NOTE: If the project includes the installation of a regulated storage tank system, including diesel emergency generator systems, the project may require the use of a Department Certified Tank Handler. For a full list of regulated storage tanks and substances, please go to www.dep.pa.gov search term storage tanks

25.0	**Will the intended activity involve the use of a radiation source?**	☐	Yes	☒	No

CERTIFICATION

I certify that I have the authority to submit this application on behalf of the applicant named herein and that the information provided in this application is true and correct to the best of my knowledge and information.

For applicants supplying an EIN number: I am applying for a permit or authorization from the Pennsylvania Department of Environmental Protection (DEP). As part of this application, I will provide DEP with an accurate EIN number for the applicant entity. By filing this application with DEP, I hereby authorize DEP to confirm the accuracy of the EIN number provided with the Pennsylvania Department of Revenue. As applicant, I further consent to the Department of Revenue discussing the same with DEP prior to issuance of the Commonwealth permit or authorization.

Type or Print Name Joseph Dean

Signature	Title	Date
	Manager, Permitting	02/24/2022

GIF Supporting Information

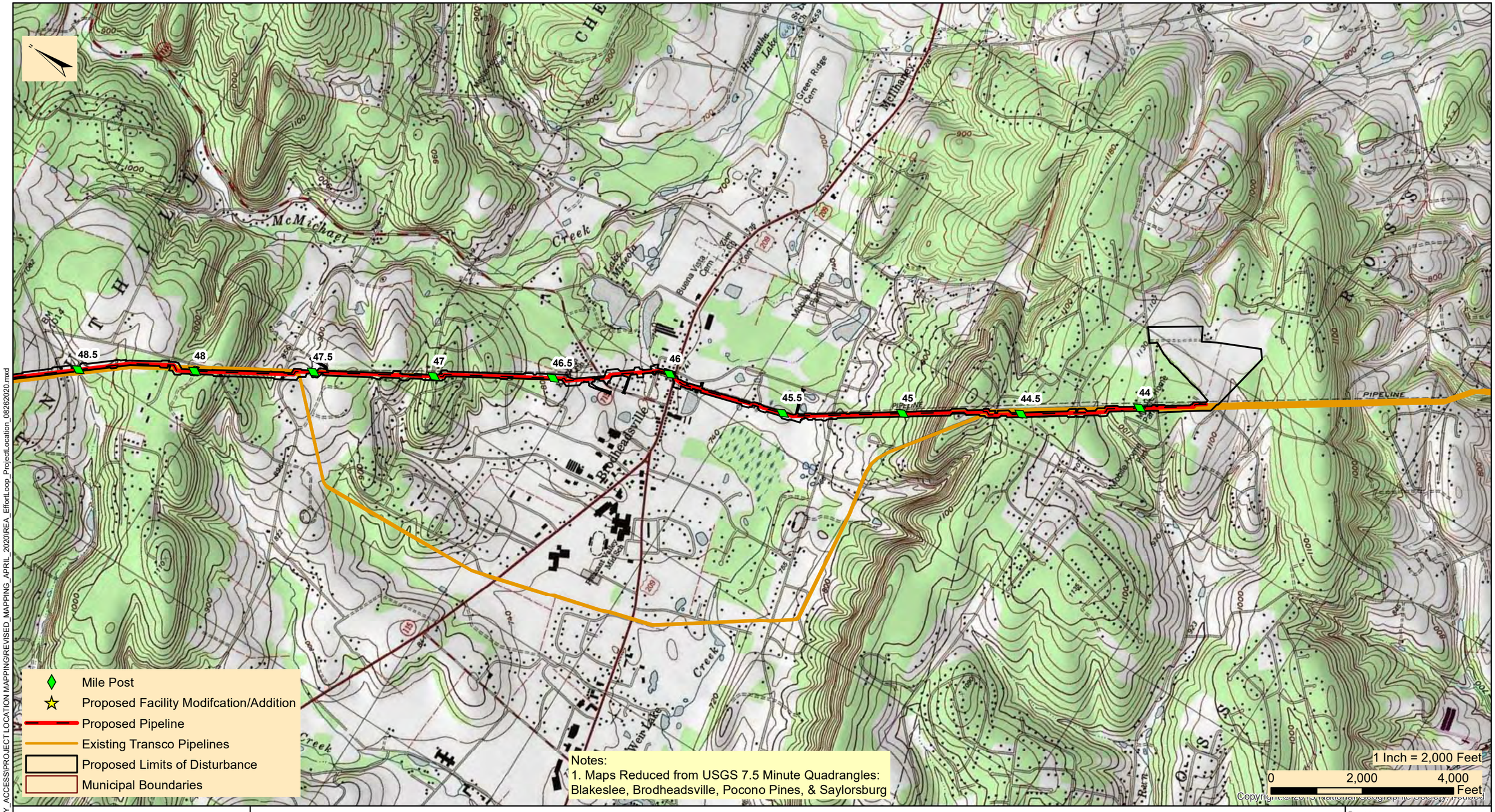
Project Component	Site	Site Location City	ZIP Code	Detailed Written Directions to Site	Latitude / Longitude
Effort Loop	Eastern Terminus	Saylorsburg	18353	From 209: heading East – Turn Right onto Frable Rd/T432. Follow for 1.7 miles. Turn Right onto Meixsell Valley Road/T361. Follow for .2 miles then turn left. Destination is in ~340 feet. Heading West-Turn Left onto Rte 115. Follow for 1.1 miles, then turn right onto Meixsell Valley Rd/T361. Continue for 1.4 miles then turn left. Destination is in ~340 feet.	40.896796, -75.370606
	Western Terminus	Long Pond	18334	From I-80: Heading East- Take exit 284 for PA-115 towards Blakeslee. Keep right at the fork, follow signs for Lake Harmony/Brodheadsville and merge on PA-115 S. Follow for 3.2 miles. Turn Left onto Long Pond Road. Destination will be in ~.2 miles. Heading West- Take exit 384 for PA-115 S. Turn left onto PA-115 S. Follow for 3.4 miles. Turn Left onto Long Pond Rd. Destination will be in ~.2 miles.	41.053413, -75.526178
Regional Energy Lateral	Eastern Terminus	White Haven	18661	From I-80: Heading West-Take exit 284 towards Blakeslee. Merge onto PA-115 N. Follow for 8.2 Miles. Turn Right onto Ridgeway Ave. Destination will be in .2 miles. Heading East- Take exit 284 towards Blakeslee. Turn left onto PA-115 N. Follow for 8.4 miles. Turn Right onto Ridgeway Ave. Destination will be in .2 miles. From I-476: Heading South- Take exit 105 to merge onto PA-115 S. Follow PA-115 S for 8.4 miles. Turn left onto Ridgeway Ave. Destination will be in .2 Miles	41.173337, -75.671706
	Western Terminus	Dallas	18612	From PA-309: Heading South-Head South on PA-309 S toward Dallas RV and MHP. Turn Left onto Hildebrandt Rd. Follow for .4 miles then turn right onto Conyngham Ave. Follow for .4 miles. Continue onto Fairground Road. Destination will be to the left in .2 Miles. Heading North-Head North on PA-309 N toward Grandview Ave. Turn right onto Hildebrandt Rd. Follow for .4 miles then turn right onto Conyngham Ave. Follow for .4 miles. Continue onto Fairground Road. Destination will be to the left in .2 Miles.	41.346917, -75.946263
Compressor Station 515		White Haven	18661	Same as REL Eastern Terminus	41.173337, -75.671706
Compressor Station 200		Frazer	19355	From I-76: East Bound- Take exit 312 toward PA-100 S/Pottstown Pike (Toll Rd). Keep left at the fork and follow signs for PA-100 S/Downingtown and merge onto PA-100 S/Pottstown Pike. Follow for 2.5 miles. Turn left onto N. Ship Rd and follow for .6 miles. Turn left onto Valley Hill Rd and follow for 1.7 miles. Turn right onto PA-401 E. Follow for .5 miles then turn right onto Bacton Hill Rd. Destination will be in .5 Miles. Heading West-Take exit 320 toward Melvern Turn left onto PA-29 S. Turn right at the 1st cross street onto Flat Rd. Turn right onto Sidley Road and then in .4 miles, turn left onto Phoenixville Pike. In .9 miles turn right onto PA-401 W and follow for 1 mile. Turn left onto N. Bacton Hill Road. Destination will be on the right in .5 miles.	40.049969, -75.585849
Delaware River Regulator/Lower Mud Run Meter Station		Easton	18040	To Delaware River Regulator- From 22: East Bound- Take the 4th Street/PA-248 Exit toward PA-611. Turn Left onto PA-248 E/Bushkill St. Follow for .4 miles then turn left onto PA-611 N. Keep right to continue on PA-611 N/N Delaware Dr and follow for 5 miles. Turn Left onto Lower Mud Run Rd. Destination will be on the left in .4 miles. To Lower Mud Run Meter Station- Head +/- 200' northwest from the Delaware River Regulator. The site is immediately adjacent to Delaware River Regulator.	40.762166, -75.19644/ 40.762706, -75.197631
Main Line A Regulator		Washington Crossing	18977	From I-295: Take exit 10 toward New Hope. Turn left onto Taylorsville Rd. Continue straight to stay on Taylorsville Rd. In .9 miles turn right onto Mt Eyre Rd. Follow for .2 miles then turn right onto PA-32 S. The destination will be on the right in 407 feet.	40.268063, -74.857125

Transcontinental Gas Pipe Line Company, LLC

Requirement I – Project Location Map

Regional Energy Access Expansion Project – Effort Loop

April 2021
(Revised March 2022)



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Williams®

TRANSCONTINENTAL GAS PIPE LINE COMPANY, LLC

REGIONAL ENERGY ACCESS EXPANSION PROJECT

PROPOSED 42" LEIDY D EFFORT LOOP

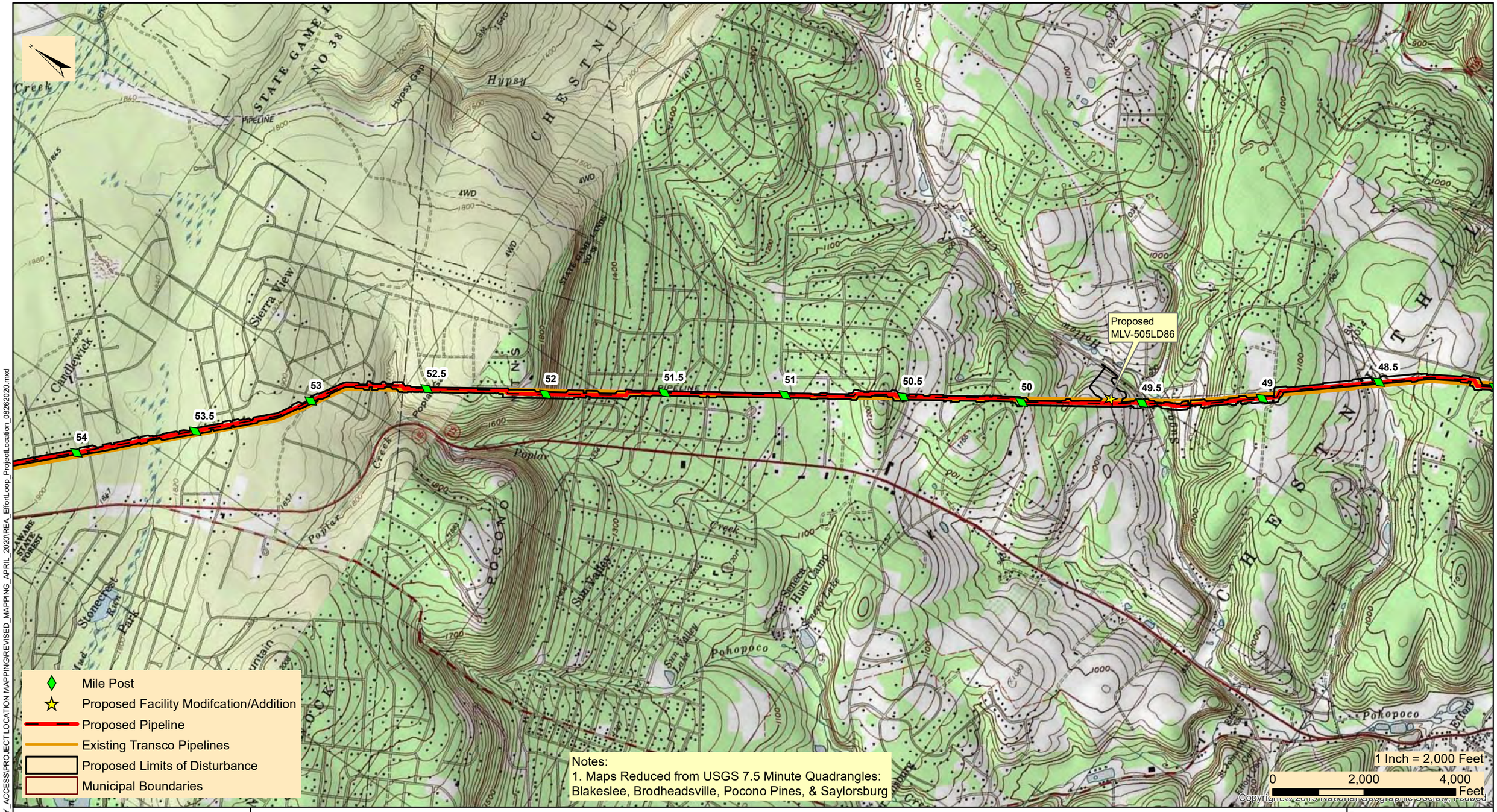
PROJECT LOCATION MAP

CHESTNUT HILL & ROSS TOWNSHIP | MONROE COUNTY | PENNSYLVANIA

Date: 2/10/2022

Drawn By: FTN

Figure Number: EL-1



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TRANSCONTINENTAL GAS PIPE LINE COMPANY, LLC

REGIONAL ENERGY ACCESS EXPANSION PROJECT

PROPOSED 42" LEIDY D EFFORT LOOP

PROJECT LOCATION MAP

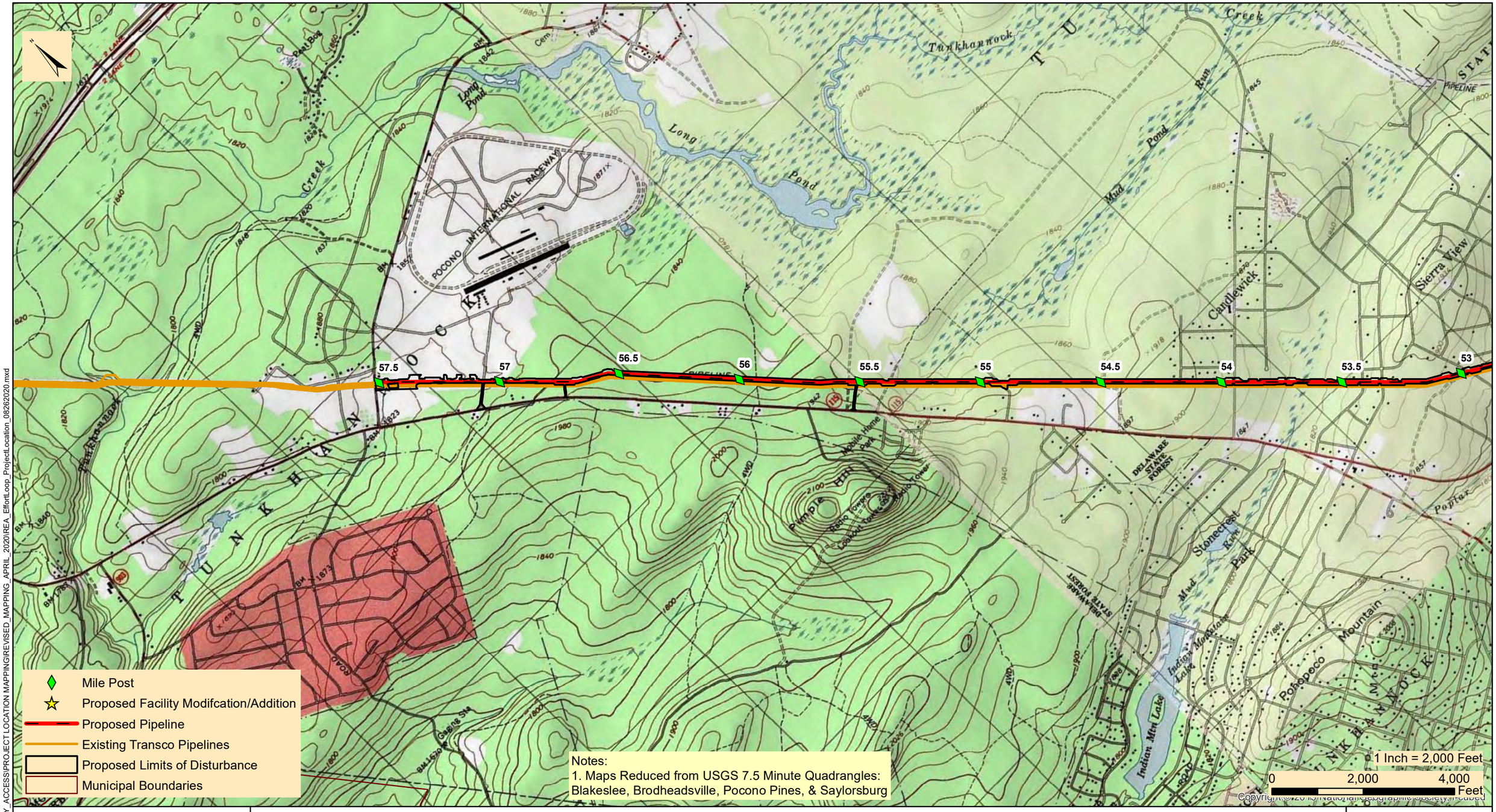
CHESTNUT HILL & TUNKHANNOCK TOWNSHIP | MONROE COUNTY | PENNSYLVANIA

Date: 2/10/2022

Drawn By: FTN

Figure Number: EL-2

M:\GIS\PROJECTS\REGIONAL_ENERGY_ACCESS\PROJECT LOCATION MAPPING\REVISED_MAPPING_APRIL_2020\REA_EffortLoop_ProjectLocation_08262020.mxd



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TRANSCONTINENTAL GAS PIPE LINE COMPANY, LLC

REGIONAL ENERGY ACCESS EXPANSION PROJECT

PROPOSED 42" LEIDY D EFFORT LOOP

PROJECT LOCATION MAP

TUNKHANNOCK TOWNSHIP | MONROE COUNTY | PENNSYLVANIA

Date: 2/10/2022

Drawn By: FTN

Figure Number: EL-3

COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
BUREAU OF CLEAN WATER

MUNICIPAL NOTIFICATION OF PLANNED LAND DEVELOPMENT FOR CHAPTER 102 PERMITS

PROJECT INFORMATION (COMPLETED BY APPLICANT)

Applicant Name:	**Transcontinental Gas Pipe Line Company, a subsidiary of Williams Partners, L.P.**	Contact Name:	**Joseph Dean** **Manager-Permitting**
Applicant Address:	**2800 Post Oak Blvd, Level 11**	Contact Phone:	**(713) 215-3427**
Applicant City, State, ZIP:	**Houston, TX 77056**	County:	**Monroe**
		Municipality:	**Ross**
		Project Area:	**73.81** acres ☐ Phased
		Disturbance:	**66.14** acres

Description of Proposed Land Development and Stormwater Controls:

The Effort Loop component of the Regional Energy Access Expansion Project will consist of approximately 13.8 miles of 42-inch pipeline co-located with existing Transco Leidy Lines between Mileposts 43.72 and 57.50 in Ross, Chestnuthill and Tunkhannock Townships, Monroe County. The new pipeline will tie-in to the existing 42-in Leidy Line "D" on both ends, completing the segment. With the segment completed, the existing pig traps (industry term for manifolds that launch or receive in-line inspection tools) at both tie-ins will no longer be needed and will therefore be removed, while the existing mainline valves will remain. Transco will be installing a new mainline valve and appurtenant equipment at Milepost 49.6 off of Sugar Hollow Road. The valve installation is a means to isolate gas flows. One Contractor Yard is proposed at the east end of the pipeline at MP 43.72. One remote anode groundbed is proposed at MP 43.72. E&S BMP's are proposed in Ross Township.

Tax Parcel ID(s) Affected by Proposed Land Development:

See attached table

Surface Waters Receiving Stormwater Discharges:

Lake Creek, McMichael Creek, Princess Run, Weir Creek

Discharge to: ☐ MS4 ☐ Other SS ☐ CSS

The following information was submitted to the municipality for this project:

☐ Land Development / Subdivision Plan ☒ E&S Plan ☐ PCSM Plan ☐ Other:

***On March 31, 2021 Transco submitted to you its E&S and PCSM Plans (Plans) as part of the ESCGP-3 permit application notification. The purpose of this notice is to let you know that Transco will be submitting an Erosion and Sediment Control Permit for Discharges of Stormwater Associated with Construction Activities Application to the PA Dept. of Environmental Protection to replace the ESCGP-3 application. Please refer to the previously submitted Plans.**

MUNICIPAL PLAN / ORDINANCE INFORMATION (COMPLETED BY MUNICIPALITY)		
1. Is there an adopted municipal or multi-municipal comprehensive plan?	☐ Yes	☐ No
2. Is there an enacted municipal or multi-municipal zoning ordinance?	☐ Yes	☐ No
3. If Yes to #2, is the proposed project consistent with the ordinance?	☐ Yes	☐ No
4. Is there a municipal stormwater management ordinance?	☐ Yes	☐ No
5. If Yes to #4, is the proposed project consistent with the ordinance, without waiver?	☐ Yes	☐ No

6. If Yes to #4, indicate type of ordinance: ☐ Act 167 Model Ordinance ☐ DEP Model Ordinance (MS4s) ☐ Other

APPLICANT CERTIFICATION	MUNICIPAL ACKNOWLEDGEMENT
I certify under penalty of law (see 18 Pa.C.S. § 4904 (relating to unsworn falsification)) that the information reported herein was prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the information, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.	The municipality acknowledges that a permit application for the above-referenced project has been submitted to a reviewing agency and that notification requirements of Act 14 of 1984 and Acts 67, 68, and 127 of 2000 have been satisfied. The information reported herein by the municipality is true and accurate. The municipality reserves the right to comment to the reviewing agency relative to comprehensive plans, zoning, and stormwater ordinance consistency. Municipal acknowledgment of receipt of notification shall not be construed as project approval.

Joseph Dean

Applicant Name

Municipal Representative Name

Applicant Signature

Municipal Representative Signature

Manager - Permitting

Applicant Title

Municipal Representative Title

07/01/2021

Date of Signature

Date of Signature

Tax Account Number / APN	Legal Desc County	Municipality
15/6/1/10	Monroe	Ross
15/6/1/11	Monroe	Ross
15/6/1/17-1	Monroe	Ross
15/6/1/17-4	Monroe	Ross
15/6/1/24	Monroe	Ross
15/6/1/25-8	Monroe	Ross
15/6/1/26	Monroe	Ross
15/6/1/37	Monroe	Ross
15/6/1/6-1	Monroe	Ross
15/6/1/6-2	Monroe	Ross
15/6/1/9	Monroe	Ross
15/6B/1/27	Monroe	Ross

From: UPS
To: SFOX@WHMGROUP.COM
Subject: UPS Delivery Notification, Tracking Number 1Z8797VV0395618667
Date: Wednesday, July 7, 2021 11:28:56 AM

Hello, your package has been delivered.

Delivery Date: Wednesday, 07/07/2021
Delivery Time: 11:24 AM
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Signed by: STEEN

WHM CONSULTING, INC

Tracking Number:	**1Z8797VV0395618667**
Ship To:	ROSS TOWNSHIP SUPERVISORS 250 ANCHORAGE ROAD SAYLORSBURG, PA 18353 US
Number of Packages:	1
UPS Service:	UPS Ground
Package Weight:	1.0 LBS
Reference Number:	WILLIAMS-20-244, TASK 2C

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March 31, 2021

UPS TRACKING (1Z8797VV0396240027)

Ross Township Supervisors
P.O. Box 276
250 Anchorage Road
Saylorsburg, PA 18353

Re: Regional Energy Access Expansion Project – Effort Loop
Pennsylvania Acts 14, 67, 68, and 127 Notification
Chestnuthill, Ross, and Tunkhannock Townships, Monroe County, Pennsylvania

Dear Township Supervisors:

This municipal notice, under the requirements of Act 14, 97 P.S. § 510-5, is to inform you that Transcontinental Gas Pipe Line Company, LLC (Transco), a subsidiary of The Williams Companies, Inc. (Williams) is applying for coverage under the Erosion and Sediment Control General Permit (ESCGP-3) for Earth Disturbance Associated with Oil & Gas Exploration, Production, Processing or Treatment Operations or Transmission Facilities from the Pennsylvania Department of Environmental Protection (DEP).

1) Project Name: Regional Energy Access Expansion Project – Effort Loop

2) Project Description: Transco, indirectly owned by The Williams Companies, Inc. (Williams), is seeking authorization from the Federal Energy Regulatory Commission (FERC or Commission) under Section 7(c) of the Natural Gas Act and Part 157 of the Commission's regulations, to construct, own, operate, and maintain the proposed Project facilities. The Project is an expansion of Transco's existing natural gas transmission system that will enable Transco to provide an incremental 829,400 dekatherms per day (Dth/d) of year-round firm transportation capacity from the Marcellus Shale production area in northeastern Pennsylvania (PA) to multiple delivery points along Transco's Leidy Line in PA, Transco's mainline at the Station 210 Zone 6 Pooling Point in Mercer County, New Jersey (NJ) and multiple delivery points in Transco's Zone 6 in NJ, PA, and Maryland (MD).

The Effort Loop component of the Project will consist of approximately 13.8 miles of 42-inch pipeline co-located with existing Transco Leidy Lines between Mileposts 43.72 and 57.50 in Ross, Chestnuthill and Tunkhannock Townships, Monroe County. The new pipeline will tie-in to the existing 42-in Leidy Line "D" on both ends, completing the segment. With the segment completed, the existing pig traps (industry term for manifolds that launch or receive in-line inspection tools) at both tie-ins will no longer be needed and will therefore be removed, while the existing mainline valves will remain. Transco will be installing a new mainline valve and appurtenant equipment at Milepost 49.6 off of Sugar Hollow Road. The valve installation is a means to isolate gas flows. One Contractor Yard is proposed at the east end of the pipeline at MP 43.72. One remote anode groundbed is proposed at MP 43.72.

3) Applicant Name: Transcontinental Gas Pipe Line Company, LLC's (Transco), a subsidiary of Williams Partners L.P. (Williams)

4) Applicant Contact: Joseph Dean
Environmental Manager
2800 Post Oak Blvd, Level 11
Houston, TX 77056
(713) 215-3417

5) Site Location: The proposed Project is located on the Blakeslee, Pocono Pines, Brodheadsville and Saylorsburg, Pennsylvania, 7.5 Minute USGS quadrangle. The Project is co-located with an existing pipeline right-of-way. The western terminus of the Effort Loop is located at: 41.053413, -75.526178, and the eastern terminus is location at: 40.896796, -75.370606.

6) Municipality / County: Chestnuthill, Ross, and Tunkhannock Townships, Monroe County

Act 14, which amended the Commonwealth's Administrative Code (71 P.S. § 510-5), requires every applicant for a new, amended, or revised permit to give written notice to each municipality (borough, township) and county government in which the facility is located. The municipality and county government must receive the written notice at least thirty (30) - days before DEP may issue or deny approval of coverage.

Enclosed is a complete copy of the Notice of Intent (NOI) completed for the project as well as copies of the erosion and sediment control plans.

Sincerely,

Ryan J. Nelson, PWS
WHM Consulting, LLC

Enclosures:
NOI Form
Erosion and Sediment Control Plan Drawings

From: UPS
To: SFOX@WHMGROUP.COM
Subject: UPS Delivery Notification, Tracking Number 1Z8797VV0396240027
Date: Monday, April 5, 2021 9:59:08 AM

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Delivery Date: Monday, 04/05/2021
Delivery Time: 09:57 AM
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Signed by: SHARON

WHM CONSULTING, INC

Tracking Number:	**1Z8797VV0396240027**
Ship To:	ROSS TOWNSHIP SUPERVISORS 250 ANCHORAGE ROAD SAYLORSBURG, PA 18353 US
Number of Packages:	1
UPS Service:	UPS Ground
Package Weight:	3.0 LBS
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COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
OFFICE OF WATER PROGRAMS
OFFICE OF OIL AND GAS MANAGEMENT

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NOTICE OF INTENT (NOI) FOR COVERAGE UNDER THE EROSION AND SEDIMENT CONTROL GENERAL PERMIT (ESCGP-3) FOR EARTH DISTURBANCE ASSOCIATED WITH OIL AND GAS EXPLORATION, PRODUCTION, PROCESSING, OR TREATMENT OPERATIONS OR TRANSMISSION FACILITIES

READ THE INSTRUCTIONS PROVIDED IN THIS PERMIT APPLICATION PACKAGE BEFORE COMPLETING THIS FORM. PLEASE PRINT OR TYPE INFORMATION IN BLACK OR BLUE INK.

SECTION A. APPLICATION TYPE

Check one:

NEW ☒ **RENEWAL** ☐ **MAJOR MODIFICATIONS (Provide ESCGP number)** ☐

PHASED ☐ (check only if applicable; *note: Most projects are not submitted as phased projects*)

Check one: EXPEDITED ☐ **STANDARD** ☒

If an Expedited Review Process being requested, be advised that the Expedited Review is not available for all projects. Refer to Section D - Expedited Review Process of the ESCGP-3 NOI Instructions to determine if the project is eligible.

SECTION B. CLIENT INFORMATION

Applicant's Last Name (If applicable)	First Name	MI	Telephone No.
Organization Name or Registered Fictitious Name Transcontinental Gas Pipe Line Company, LLC (Contact: Joseph Dean)			Telephone No. (713) 215-3427
DEP Client ID No.			
Headquarters Mailing Address 2800 Post Oak Blvd, Level 11	City Houston	State TX	ZIP Code 77056
Email Address Joseph.Dean@williams.com			
Co-Applicant's Last Name (If applicable)	First Name	MI	Telephone No.
Organization Name or Registered Fictitious Name			Telephone No.

Address	City	State	ZIP Code
Email Address			

SECTION C. SITE INFORMATION			
Is there an existing ESCGP associated with this site? ☐ Yes ☒ No If yes, Permit No. _____			
Has a well permit application been submitted for this site? ☐ Yes ☒ No If yes, Permit No. _____ Does this site have a 911 address? ☐ Yes ☒ No If yes, provide site location address.			
Site Name Regional Energy Access Expansion Project			
Site Location See Attachment 1-1.1- NOI Supporting Information	Site No. (if another permit has been issued for the site)		
Site Location – City See Attachment 1-1.1- NOI Supporting Information		State PA	ZIP Code
Detailed Written Directions to Site See Attachment 1-1.1- NOI Supporting Information for locations of all project sites			

Primary Location	County	Municipality	City	Boro	Twp.
	Luzerne, Northhampton, Bucks, Chester, and Monroe	Buck, Bear Creek, Plains, Jenkins, Kingston, Lower Mt. Bethel, Ross, Chestnut Hill, Tunkhannock, Lower Makefield, East Whiteland and Dallas Townships Wyoming, West Wyoming, and Laflin Boroughs	☐	☒	☒

SECTION D. EXPEDITED REVIEW	
I. Expedited Review Eligibility	
1. Is any part of the project in the watershed of a surface water with an existing or designated use of exceptional value or high quality pursuant to Chapter 93 (relating to water quality standards), in an exceptional value wetland in accordance with 25 Pa. Code § 105.17, or in the watershed of an impaired surface water where the cause of the impairment is identified as siltation?	☒ Yes ☐ No
2. Will the project in which the well pad will be constructed be in or on a floodplain?	☐ Yes ☒ No
3. Is any earth disturbance located or proposed to be located on land known to be contaminated by the release of regulated substances as defined in Section 103 of Act 2, 35 P.S. § 6026.103?	☐ Yes ☒ No
4. Will naturally occurring geologic formations or soil conditions provide hazards to the project or surrounding environment or have the potential to cause or contribute to pollution when disturbed?	☒ Yes ☐ No
5. Do any unresolved non-compliance issues exist with the applicant or the facility?	☐ Yes ☒ No
6. Is the project a transmission project?	☒ Yes ☐ No

If yes to any of the above questions the project is not eligible for Expedited Review; If the project is eligible for Expedited Review, all the following items must be completed.	
II. Expedited Review Process	
1. Is the technically and administratively complete and accurate NOI package prepared and certified by a licensed professional?	☐ Yes ☐ No
2. Are E&S and PCSM/Site Restoration Plan drawings and narrative prepared and sealed by a licensed professional? *(Include interim restoration details when needed)*	☐ Yes ☐ No
3. Include a Resource Delineation Report and answer the following questions: (If the answer to question a. is "Yes" then skip to #4. If the answer to a. is "No" the applicant must answer "Yes" to at least one of the questions, b. through d. to be eligible for expedited review.)	
a. Were all wetland resources delineated during the growing season?	☐ Yes ☐ No
b. If not during the growing season, was a follow-up visit conducted during the growing season to verify/adjust boundaries and look for potentially missed resources?	☐ Yes ☐ No
c. Was a quality assurance field review conducted at a later date by an independent qualified wetland professional to verify boundaries and look for potentially missed resources? (If yes, attach Quality Assurance Field Review Report)	☐ Yes ☐ No
d. Was a Jurisdictional Determination (JD) or Preliminary JD conducted by the US Army Corps of Engineers on the whole project? (If yes, attach Preliminary or Jurisdictional Determination Report)	☐ Yes ☐ No
4. If applicable, have you included PNDI clearance letters or other documentation from applicable resource agencies?	☐ Yes ☐ No
5. If the project site contains, is along, or within 100 feet of a river, stream, creek, lake, pond or reservoir, will you establish new or preserve existing riparian forest buffer at least 100 feet in width between the top of streambank or normal pool elevation of a lake, pond or reservoir and areas of earth disturbances. If no, will a waiver be obtained? ☐ Yes ☐ No	☐ Yes ☐ No
6. Name of Licensed Professional Company	
Address	
Phone	

SECTION E. PROJECT INFORMATION			
1. Total Project Area/Project Site (Ac):	1,346 (Also see Attachment 1-1.1)	Total Disturbed Area (Ac):	689.8 (Also see Attachment 1-1.1)
Increased disturbed acreage *(for permit modification only)*			
Fee: ***(For additional information regarding fees, refer to NOI Instructions #3 Permit NOI Filing Fees.)***			$ $500 (Filing Fee), $69,000 (Disturbed Acre Fee)
2. Project Name: Regional Energy Access Expansion Project			

3. Project Type (Check all that apply)

- ☐ Oil/Gas Well [1]
- ☐ Gathering Facility
- ☐ Treatment Facility
- ☒ Compressor Station
- ☒ Pipeline
- ☐ Storage Field Facility
- ☐ Other
- ☒ Transmission Facility
- ☐ Processing Facility
- ☐ Well Development Impoundment
- ☐ Non-FERC regulated Transmission Facility
- ☐ Ground/Surface Water Withdrawal Site

[1] If Oil/Gas Well; is the well conventional or unconventional? ☐ Conventional ☐ Unconventional

Project Description

Transco, indirectly owned by The Williams Companies, Inc. (Williams), is seeking authorization from the Federal Energy Regulatory Commission (FERC or Commission) under Section 7(c) of the Natural Gas Act and Part 157 of the Commission's regulations, to construct, own, operate, and maintain the proposed Project facilities

The Project is an expansion of Transco's existing natural gas transmission system that will enable Transco to provide an incremental 829,400 dekatherms per day (Dth/d) of year-round firm transportation capacity from the Marcellus Shale production area in northeastern Pennsylvania (PA) to multiple delivery points along Transco's Leidy Line in PA, Transco's mainline at the Station 210 Zone 6 Pooling Point in Mercer County, New Jersey (NJ) and multiple delivery points in Transco's Zone 6 in NJ, PA, and Maryland (MD). The Project will consist of the following components:
•Approximately 22.3 miles of 30-inch-diameter pipeline partially collocated with Transco's Leidy Line A from milepost (MP) 0.00 to MP 22.32 in Luzerne County, PA (Regional Energy Lateral);
• Approximately 13.8 miles of 42-inch-diameter pipeline collocated with Transco's Leidy Line System from MP 43.72 to MP 57.50 in Monroe County, PA (Effort Loop);
• New gas-fired turbine driven compressor station identified as Compressor Station 201 with 11,107 nominal horsepower (HP) at International Organization of Standardization (ISO) conditions in Gloucester County, NJ;
• Addition of two gas-fired turbine driven compressor units with 31,800 nominal HP at ISO conditions at existing Compressor Station 505 in Somerset County, NJ, to accommodate the abandonment and replacement of approximately 16,000 HP from eight existing internal combustion engine-driven compressor units and increase the certificated station compression by 15,800 HP;
• Addition of two gas-fired turbine driven compressor units with 63,742 nominal HP at ISO conditions and modification of three existing compressors at existing Compressor Station 515 in Luzerne County, PA to support the Project and to accommodate the abandonment and replacement of approximately 17,000 HP from five existing gas-fired reciprocating engine driven compressors and increase the certificated station compression by 46,742 HP;
• Uprate and rewheel two existing electric motor-driven compressor units at existing Compressor Station 195 in York County, PA to increase the certificated station compression by 5,000 HP and accommodate the abandonment of two existing gas-fired reciprocating engine driven compressors which total approximately 8,000 HP of compression;
•Modifications at existing Compressor Station 200 in Chester County, PA;
•Uprate one existing electric motor-driven compressor unit at Compressor Station 207 in Middlesex County, NJ to increase the certificated station compression by 4,100 HP;
• Modifications to three (3) existing pipeline tie-ins in PA (Hildebrandt Tie-in, Lower Demunds REL Tie-in, and Carverton Tie-in);
•Addition of regulation controls at an existing valve setting on Transco's Mainline "A" in Bucks County, PA (Mainline A Regulator);
•Modifications at the existing Delaware River Regulator in Northampton County, PA;
•Modifications at the existing Centerville Regulator in Somerset County, NJ;
•Modifications to the existing valves and piping at the Princeton Junction (Station 210 Pooling Point) in Mercer County, NJ;
• Modifications to three (3) existing delivery meter stations in NJ (Camden M&R Station, Lawnside M&R Station, and Mt. Laurel M&R Station);
•Modifications to one (1) existing delivery meter station in MD (Beaver Dam M&R Station);
•Contractual changes (no modifications) at ten (10) existing delivery meter stations in PA and NJ (Algonquin-Centerville Meter Station, Post Road Meter Station, New Village Meter Station, Spruce Run Meter Station, Marcus Hook Meter Station, Ivyland Meter Station, Repaupo Meter Station, Morgan Meter Station, Lower Mud Run Meter Station, and Chesterfield Meter Station);
• Additional ancillary facilities, such as mainline valves (MLVs), cathodic protection, communication facilities, and internal inspection device (e.g., pig) launchers and receivers in PA; and
• Existing, improved, and new access roads and contractor yards/staging areas in PA, NJ, and MD.
Provide the date of pre-application meeting (if conducted with the Department) 04/27/20, 07/09/20, 09/04/20, 09/30/20, 12/15/20, 12/16/20, 01/06/21, 02/05/21

4. Provide the latitude and longitude coordinates for the center of the project. The coordinates should be in Decimal degrees and North American Datum 1983. The coordinates must meet the current DEP policy regarding locational accuracy. For linear projects provide the project's termini. See Attachment 1-1.1

Latitude (DD) . Longitude (DD) - .

Latitude (DD) . Longitude (DD) - .

Horizontal Collection Method: ☐ GPS ☒ Interpolated from U.S.G.S. Topographic Map ☐ DEP's eMAP

5. U.S.G.S. 7.5 min. topographic quadrangle Name (See Attachment 1-1.1)
(*Include a copy of the project area on the 7.5 min quad map)*

6. Will the project be conducted as a phased permit project? ☐ Yes ☒ No
If Yes, Include Master Site Plan Estimated Timetable for Phased Projects. ☐ Additional sheet(s) attached.

Phase No. or Name	Description	Total Area	Disturbed Area	Start Date	End Date

7. List existing and previous land use for a minimum of the previous 5 years. (See Section 2 of this ESCGP-3 Application)

8. Other Pollutants: Will the stormwater discharge contain pollutional substances other than sediment? ☐ Yes ☒ No

9. Will fuels, chemicals, solvents, other hazardous waste or materials be used or stored on site during earth disturbance activities or will Horizontal Directional Drilling (HDD) activities be conducted?
Yes ☒ No ☐ ***(If yes, Preparedness, Prevention and Contingency (PPC) Plan must be maintained on site during earth disturbance. See NOI Instructions, E.9 PPC Plan Guidance for further information.)***

10. Is the project in the watershed of an impaired surface water where the cause of the impairment is identified as siltation?
Yes ☒ No ☐ (See Section 2-5 of this ESCGP-3 Application) ***(If yes, show how the project will not result in a net change in volume, rate or water quality. See section I below, and E.10 of NOI instructions.)***

11. Are there potentially hazardous naturally occurring geological or soil conditions in any portion of the project or surrounding area? Yes ☒ No ☐

If yes, do the potentially hazardous geologic or soil conditions have the potential to cause or contribute to pollution as a result of the proposed earth disturbance activities?

If no, provide an explanation.

If yes, Geologic Hazard Mitigation Plan must be attached and explain where in this application details are provided.

12. Has the Act 14 Municipal Notification and proof of receipt of notification been attached to the NOI?
Yes ☒ No ☐ ***(If not, the NOI is not complete, see E.12 and #4 Municipal Notification in the NOI Instructions for additional guidance.)***

13. Has the PNDI receipt been attached to the NOI?
Yes ☒ No ☐ ***(If not, the NOI is not complete, see E.13 and #5 PNHP in the NOI Instructions for additional guidance.)***

14. Have the E&S Plan and PCSM/SR Plan been planned and designed to be consistent?
Yes ☒ No ☐

15. Have existing and/or proposed Riparian Forest Buffers been identified?
Yes ☒ N/A ☐ ***(If yes, they must be shown on the E&S Plan as well as the PCSM/SR Plans.)***

16. Have antidegradation implementation requirements for special protection waters been addressed?
Yes ☒ No ☐ N/A ☐ ***(If yes, antidegradation requirements must be included in the plan.)***

17. Has the seasonal high groundwater level been identified and 20-inch separation established at all excavation locations for pits for conventional operations and Well Development Impoundments for unconventional operations?

    Yes ☐ No ☐ N/A ☒

18. Receiving Waters	Chapter 93, Designated Use Stream Classification	Chapter 93, Existing Use Stream Classification
Effort Loop- Lake Creek (HQ-CWF,MF) Princess Run (CWF,MF) Weir Creek (CWF,MF) McMichael Creek (EV, MF) and (HQ-CWF) Pohopoco Creek (CWF,MF) Sugar Hollow Creek (CWF,MF) Poplar Creek (EV,CWF,MF) Mud Run (HQ-CWF, MF) Mud Pond Run (HQ-CWF,EV,MF) Tunkhannock Creek (HQ-CWF,MF) Regional Energy Lateral- Stony Run (HQ-CWF,MF) Shades Creek (HQ-CWF,MF) Little Shades Creek (HQ-CWF,MF) Snider Run (HQ-CWF,MF) Meadow Run (HQ-CWF,MF) Bear Creek (HQ-CWF,MF) Little Bear Creek (HQ-CWF,MF) Mill Creek (CWF,MF) Gardner Creek (CWF,MF) Susquehanna River (WWF,MF) Abrahams Creek (CWF,MF) Toby Creek (CWF,MF) Trout Brook (CWF,MF) Compressor Station 515- Shades Creek (HQ-CWF,MF) Stony Run (HQ-CWF,MF) Compressor Station 200- Valley Creek (EV,MF) Delaware River Regulator- Mud Run (CWF, MF) Mainline "A" Regulator - Dyers Creek (WWF,MF) See Attachment 1-1.1 for detailed list.	☒ HQ ☒ EV ☒ Other CWF, MF, WWF ☒ Siltation-impaired	☐ HQ ☒ EV ☒ Other MF ☐ Siltation-impaired
	☐ HQ ☐ EV ☐ Other _____ ☐ Siltation-impaired	☐ HQ ☐ EV ☐ Other _____ ☐ Siltation-impaired

	☐ HQ ☐ EV ☐ Other _____ ☐ Siltation-impaired ☐ HQ ☐ EV ☐ Other _____ ☐ Siltation-impaired	☐ HQ ☐ EV ☐ Other _____ ☐ Siltation-impaired ☐ HQ ☐ EV ☐ Other _____ ☐ Siltation-impaired
Secondary Receiving Water	Secondary Chapter 93, Designated Use	Secondary Existing Use
Name of Municipal or Private Separate Storm Sewer Operator, if applicable.		
Non-Surface Receiving Water: (include off-site discharges)		

SECTION F. EROSION AND SEDIMENT CONTROL (E&S) PLAN

See the attached Instructions for additional guidance with E&S Plans

Erosion and Sediment Control Plan BMPs should be designed to minimize accelerated erosion and sedimentation through limiting the extent and duration of earth disturbance, protection of existing drainage and vegetation, limiting soil compaction and controlling the generation of increased runoff. The Department recommends the use of the *Pennsylvania Erosion & Sedimentation Pollution Control Program Manual (E&S Manual)* (363-2134-008) to achieve this goal. The E&S Plan must meet the requirements of Pa. Code § 102.4(b) and submitted with the NOI. Also, see section 2. of the NOI instruction for detailed information on completing the E&S plan and additional requirements.

a. E&S Plan Summary

Provide a summary of proposed E&S BMPs and their performance to manage E&S for the project.

Typical BMPs provided along the pipeline Right-Of-Way includes waterbars, trench plugs, compost filter socks, compost sediment traps, rock filter outlets, erosion control blankets, rock construction entrances, temporary equipment bridges, timber mats, diversion channels, level spreaders, mulch and seed. An appropraite sediment removal device (filter bag, dewatering structure) and well-vegetated area will be utilized for trench dewatering. In HQ, EV watersheds, appropriate Antidegradation Best Available Combination of Technologies (ABACT) BMPs will be utilized. Additional information regarding all the proposed BMPs are provided in the Erosion and Sedimentation Control and Site Restoration Plans of respective project components (Section 2 of this ESCGP-3 Application).

b. E&S Plan BMP Design

Check those that apply:

☒ E&S Plan is designed using BMPs in the *E&S Manual*.

☐ E&S Plan is designed using an alternative BMP or design standard approved by DEP.

Note: NOI packages submitted with alternate BMPs not approved by the Department will be returned to the Applicant.

c. Do you have any information regarding riparian buffer which differs from Section G, Riparian Buffer?

Yes ☐ No ☒

Explain:

d. Thermal Impacts Analysis

Explain how thermal impacts associated with this project were avoided, minimized, or mitigated.

Thermal impacts associated with Regional Energy Access Expansion Project will be avoided to the maximum extent possible. Minimum permanent changes in land cover are being proposed for constructing the pipeline facilities. Runoff from impervious areas added during the project will be suitably routed to Stormwater BMPs. Gravel will be used for access roads wherever practicable. To avoid thermal impacts arising from clearing and grading, removal of vegetation will be limited to only that necessary for construction and construction Right-Of-Way will be limited to 75 feet in wetlands and floodways where practical. Once construction activities are complete, disturbed areas will be restored to pre-construction contours and seeded as described in Erosion and Sediment Control and Site Restoration Plans. Temporary workspaces will be restored back with woody and herbaceous species. Thermal impacts assessments corresponding to each project component including pipelines and aboveground facilities are given in Section 2 and 3 of this ESCGP-3 Application.

e. Off-Site Discharge Analysis

Does the activity propose any off-site discharges to areas other than surface waters? ☒ Yes ☐ No

If yes, it is the applicant's responsibility to ensure that they have legal authority for any off-site discharge to neighboring properties.

The applicant must provide a demonstration in both E&S and PCSM/SR plans that the discharge will not cause erosion, damage, or a nuisance to off-site properties.

See Offsite Discharge Analysis Sections in E&S Narratives

SECTION G. RIPARIAN BUFFER

1. Will you be protecting, converting or establishing a voluntary riparian forest buffer as part of this project?
   ☐ Yes ☒ No
   If yes, as part of the PCSM/SR Plan, provide a Buffer Management Plan.
2. Will proposed earth disturbance activities be conducted in an EV or HQ watershed AND within 150 feet of a perennial or intermittent river, stream, or creek, or lake, pond, or reservoir? ☒ Yes ☐ No

   If no, proceed to the next section/module.
3. Does this project qualify for an exception (see § 102.14(d)(1))? ☒ Yes ☐ No

   If yes, indicate below the type of project for which the exception applies by marking the appropriate box.

   ☐ Oil and gas activities for which site reclamation or restoration is part of the permit authorization in Chapter 78 and 78a.

   ☒ Road maintenance activities.

   ☐ The repair or maintenance of existing pipelines and utilities.

   ☐ Other (see §102.14(d)(1))

   If exceptions are checked, explain how existing riparian buffer will be undisturbed to the extent practicable. Provide a demonstration that the requirements of §102.14(b) are met, or provide the necessary information to request a riparian buffer waiver.
4. Are you requesting a riparian buffer waiver for this project (see § 102.14(d)(2))? ☒ Yes ☐ No

   If yes, indicate below the type of project for which you are requesting a waiver by marking the appropriate box.

   ☒ Linear project that may include pipelines, public roadways, rail lines, or utility lines.

   ☒ Project is of a temporary nature where the site will be fully restored to its preexisting conditions during the ESCGP permit term.

   ☒ Project where compliance with mandatory riparian buffers is not appropriate or feasible due to site characteristics or existing structures at the project site.

   ☐ Other (see §102.14(d)(2)):

   If waivers are checked, explain how existing riparian buffers will be undisturbed to the extent practicable.

   Note: If “Yes” to #2 **AND** “No” to #3 and #4, provide an attachment to demonstrate how the requirements of §102.14 are met.

SECTION H. POST CONSTRUCTION STORMWATER MANAGEMENT (PCSM) AND/OR SITE RESTORATION(SR) PLAN

See NOI Instructions for additional guidance with PCSM Plans

PCSM/SR BMPs should be designed to use natural measures to eliminate pollution, infiltrate runoff, not require extensive construction/maintenance, promote pollutant reduction, and preserve the integrity of stream channels. All PCSM/SR BMPs proposed in the PCSM/SR Plan must be designed in accordance with Ch. 102, Ch. 78a for unconventional operations, Ch. 78 for conventional operations and the *Pennsylvania Stormwater Best Management Practices Manual (Stormwater BMP Manual)* (363-0300-002). If alternate design criteria are utilized for the proposed project, they must have prior approval by the Department, or the NOI Application will be returned to the Applicant.

After construction is completed, how much of the entire disturbed area will be restored to meadow in good condition or better, or existing conditions? ☐ All ☒ Partial ☐ None

Include PCSM narrative and drawings for remaining impervious area. Also include a map showing the proposed contours of the site restoration plan.

If there are additional stages of the project prior to permit termination or expiration, list the stages and provide the documents required by subsection 'a' to section 'g' for each stage (e.g. partial restoration or changes to the amount of compacted areas, gravel, and/or impervious areas). Upload a narrative for each additional stage in addition to the drawings.

EXAMPLE

Stage No	Stage Name	PCSM Plan	SR Plan
Stage 1		☐	☐
Stage 2		☐	☐
Stage 3		☐	☐
Stage 4		☐	☐

Act 167 Consistency. Check those that apply.

Is there an Act 167 Plan? ☒ Yes ☐ No

☒ The attached PCSM/SR Plan is consistent with an applicable approved Act 167 Plan.

Complete the following for all approved Act 167 Stormwater Management Plans. (Use additional sheets if necessary)

Act 167 Plan Name	Date Adopted	Consistency Letter Included	
Luzerne County Stormwater Management Ordinance	August 18, 2010	Verification Report Included	☒
Valley Creek Watershed Stormwater Management Plan	February 04, 2011		

Note: A consistency letter is not required if a verification report is provided. See NOI Instructions. The PCSM/SR Plan must satisfy either sub paragraph 1, 2, or 3 below. Check those that apply.

1. ☒ Act 167 Plan approvals on or after January 2005 – The attached PCSM/SR Plan, in its entirety, is consistent with all requirements pertaining to rate, volume, and water quality from an Act 167 Stormwater Management Plan approved by DEP on or after January 2005. Box 1 must be checked if a current, DEP approved Act 167 plan exists.

2. ☒ The PCSM/SR Plan meets the standard design criteria from sections 102.8(g)(2) and (3) and the *Stormwater BMP Manual*. For projects involving oil and gas activities authorized by a permit issued under Chapter 78 or Chapter 78a (well pads) or pipelines and other similar utility infrastructure, post construction stormwater management requirements are met for all areas that are restored to preconstruction conditions or to a condition of meadow in good condition or better. *[Note: PCSM plans must meet both the volume and rate requirements in the regulations, which are provided in the 2 sections mentioned in this paragraph].*

3. ☐ Alternative Design Standard – The attached PCSM/SR Plan was developed using approaches as provided in 102.8(g)(2)(iv) and 102.8(g)(3)(iii). Demonstrate/explain in the space provided below how this standard will be either more protective than what is required in 102.8(g)(2) and 102.8(g)(3) or will maintain and protect existing water quality and existing and designated uses.

PCSM/SR BMP Alternative Standards:

Has the alternative BMP or design standard been approved by the Department?

☐ Yes

☐ No – Do not submit the ESCGP-3 application and see Section (H) of the NOI Instructions concerning the alternative BMP approval process.

Water Quality Compliance:

Does the PCSM/SR plan comply with requirements for volume control? ☒ Yes ☐ No

If yes, is at least 90% of the disturbed area controlled by a PCSM BMP? ☒ Yes ☐ No

If yes, do you have the Standard PCSM Worksheet # 10 attached to show water quality compliance has achieved?
☒ Yes ☐ No

If no, attach Standard PCSM Worksheets # 12 and #13 to show water quality compliance has achieved.

If PCSM/SR plan is not complying with the requirements for volume control, attach Standard PCSM Worksheets # 11, # 12 and #13 to show water quality compliance has achieved.

a. PCSM/SR Plan Summary

Provide a summary of proposed BMPs and their performance to manage PCSM/SR for the project.

Along the pipeline Right-Of-Way, typical E&S BMPs such as waterbars and erosion control blanket will be left in place as part of site restoration. After construction activities are completed, temporary workspaces will be restored to meadow in good condition or better than existing conditions. For the aboveground facilities, PCSM BMPs such as infiltration basins, diversion channels and vegetated swales will be used and left in place as part of site restoration. Additional information regarding all the proposed BMPs are provided in the Post-Construction Stormwater Management Plans of respective project components (Section 3 of this ESCGP-3 Application).

Check all that apply ☒ PCSM BMPs ☒ SR BMPs

b. Do you have any information regarding riparian buffer which differs from what was submitted in the Section G, Riparian Buffer?

☐ Yes ☒ No

Explain:

c. Thermal Impacts Analysis

Explain how thermal impacts associated with this project were avoided, minimized, or mitigated.

Runoff collected in PCSM BMPS such as infiltration basins will mitigate thermal impacts from post construction stormwater. Runoff collected in infiltration basins are discharged to receiving waters are not expected to be retained for more than 24 hours. Minimum permanent changes in land cover are being proposed for constructing the pipeline facilities. Gravel will be used for access roads wherever practicable. Removal of trees and riparian vegetation and addition of impervious surfaces will be limited to only that necessary for construction. Once construction activities are complete, disturbed areas will be restored to pre-construction contours and seeded as described in Erosion and Sedimental Control and Site Restoration Plans. Temporary workspaces will be restored back with woody and herbaceous species. Thermal impacts assessments correspoding to each project component including pipelines and aboveground facilities are given in Section 2 and 3 of this ESCGP-3 Application.

d. Off-Site Discharge Analysis.

Does the activity propose any off-site discharges to areas other than surface waters? ☒ Yes ☐ No

If yes, it is the applicant's responsibility to ensure that they have legal authority for any off-site discharge to neighboring properties.

The Applicant must provide a demonstration in both the E&S and PCSM/SR Plans that the discharge will not cause erosion, damage, or a nuisance to off-site properties.

See Offsite Discharge Analysis Sections in PCSM Narratives

NOI Section H. POST CONSTRUCTION STORMWATER MANAGEMENT (PCSM) PLANS

Summary Calculations of Post Construction Stormwater BMPs

1. Regional Energy Lateral Pipeline - MLV-515RA20
2. Regional Energy Lateral Pipeline - MLV-515RA30
3. Regional Energy Lateral Pipeline - Carverton Tie-in
4. Regional Energy Lateral Pipeline - Lower Demunds REL Tie-in
5. Regional Energy Lateral Pipeline – Hildebrandt Tie-in/MLV-515RA40
6. Effort Loop Pipeline - MLV-505LD86
7. Compressor Station 200
8. Compressor Station 515

NOTICE OF INTENT (NOI) FOR COVERAGE UNDER THE EROSION AND SEDIMENT CONTROL GENERAL PERMIT (ESCGP-3) FOR EARTH DISTURBANCE ASSOCIATED WITH OIL AND GAS EXPLORATION, PRODUCTION, PROCESSING, OR TREATMENT OPERATIONS OR TRANSMISSION FACILITIES

TABLES IN ADDENDUM OF NOI

SECTION H. POST CONSTRUCTION STORMWATER MANAGEMENT (PLAN) BMPs

Regional Energy Lateral Pipeline - MLV-515RA20 - Zenker Valve Yard

e. Summary Table for Supporting Calculation and Measurement Data
(See NOI Instructions for additional guidance with this section)

The remainder of this section (Summary Table for Calculation and Measurement Data) does not need to be completed for areas of projects involving oil and gas activities authorized by Chapter 78 or Chapter 78a (well pads) or pipelines and other similar utility infrastructure which will be restored to meadow in good condition or better or existing conditions.

Watershed Name: Mill Creek

Volume Control design storm frequency 2-year Rainfall amount 2.95 inches	Pre-construction	Post Construction	Net Change
Impervious area (acres)	0.00	0.19	+0.19
Volume of stormwater runoff (acre-feet) without planned stormwater BMPs	0.04	0.06	+0.02
Volume of stormwater runoff (acre-feet) with planned stormwater BMPs		0.03	-0.01
Stormwater discharge rate for the design frequency storm	Pre-construction	Post Construction	Net Change
1) 2-Year/24-Hour	3.51	3.22	-0.29
2) 10-Year/24-Hour	6.82	6.17	-0.65
3) 50-year/24-Hour	11.88	11.12	-0.76
4) 100-year/24-Hour	14.91	14.91	-0.00

f. Summary Description of PCSM/SR BMPs

In the lists below, check the BMPs identified in the PCSM Plan. The primary function(s) of the BMP listed in the functions column (infiltration/recharge; detention/retention; water quality). Additional functions may be added if applicable to that BMP. List the stormwater volume and area of runoff to be treated by each BMP type when calculations are required. If any BMP in the PCSM/SR Plan is not listed below, describe it in the space provided after "Other". A summary table with infiltration testing information (Attachment E, included in the NOI Instructions) must be submitted for all Bio-infiltration BMPs included in PCSM/SR plan.

For Rate control provide the volume of stormwater treated and acres treated for the 100-year/24-hour storm event.

For volume control and water quality provide the volume of stormwater treated and acres treated for the 2-year/24-hour storm event.

Key for BMP purpose(s): VC = Volume Control; RC = Rate Control; and WQ = Water Quality

BMP	Function(s)	Purpose(s)	Volume of stormwater treated	Acres treated
Site Restoration ONLY				
☐ Restore Site to Meadow in Good Condition or Better, or Existing Conditions	Infiltration/Recharge Detention/WQ Treatment	☐ VC ☐ RC ☐ WQ	_____	_____
Bio-infiltration areas	Infiltration/Recharge			
☐ Infiltration Trench		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Infiltration Bed		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Infiltration Basin		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Rain Garden/ Bioretention		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Infiltration Berm				
☐ Vegetated Swale		☐ VC ☐ RC ☐ WQ	_____	_____
Natural Area Conservation	Infiltration/Recharge			
☐ Streamside Buffer Zone		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Wetland Buffer Zone		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Sensitive Area Buffer Zone		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Pre-Construction Drainage Pattern Intact		☐ VC ☐ RC ☐ WQ	_____	_____
Stormwater Retention	Detention/Retention			
☐ Constructed Wetlands		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Wet Ponds		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Retention Basin		☐ VC ☐ RC ☐ WQ	_____	_____
Sediment and Pollutant Removal	Water Quality Treatment			
☐ Vegetated Filter Strips		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Compost Filter Sock		☐ VC ☐ RC ☐ WQ	_____	_____
☒ Detention Basins		☒ VC ☒ RC ☒ WQ	1,396cf(2-yr); 6,186cf(100-yr)	0.28
Access Road Design	Infiltration/Recharge			
☐ Road Crowning		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Ditches		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Turnouts		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Culverts		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Roadside Vegetated Filter Strips		☐ VC ☐ RC ☐ WQ	_____	_____

Stormwater Energy Dissipaters	Infiltration/Recharge			
☐ Level Spreaders		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Riprap Aprons		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Upslope Diversions		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Other_____		☐ VC ☐ RC ☐ WQ	_____	_____

g. Critical PCSM Plan stages

Identify and list critical stages of implementation of the PCSM Plan for which a licensed professional or designee shall be present on site.

1. Upon commencement of construction activities to ascertain the Dry Extended Detention Basin area has been flagged and fence erected to prevent access to the area.

2. At completion of Diversion Channels to ensure they have been constructed to the proposed lines and grades, the specified lining materials have been installed in accordance with the requirements of the plans and specifications, and if applicable, vegetation has been established.

3. At the beginning of construction of the Dry Extended Detention Basin to ensure the infiltration area has not been compacted by construction activities.

4. During construction of the Dry Extended Detention Basin the licensed professional will observe that the BMP is constructed in accordance with the plans and specifications.

5. At completion of Collection Channel C1 to ensure it has been constructed to the proposed line and grade, the specified lining material has been installed in accordance with the requirements of the plans and specifications, and if applicable, vegetation has been established.

6. Following installation of the Valve Yard Pad subgrade to ensure stormwater flow is directed to Collection Channel C1.

7. For final inspection of constructed BMPs.

8. At the establishment of hard surface stabilization or 70% vegetation covers to allow removal of E&S controls.

NOTICE OF INTENT (NOI) FOR COVERAGE UNDER THE EROSION AND SEDIMENT CONTROL GENERAL PERMIT (ESCGP-3) FOR EARTH DISTURBANCE ASSOCIATED WITH OIL AND GAS EXPLORATION, PRODUCTION, PROCESSING, OR TREATMENT OPERATIONS OR TRANSMISSION FACILITIES

TABLES IN ADDENDUM OF NOI

SECTION H. POST CONSTRUCTION STORMWATER MANAGEMENT (PLAN) BMPs

Regional Energy Lateral Pipeline - MLV-515RA30 - Wyoming Valve Yard

b. Summary Table for Supporting Calculation and Measurement Data

(See NOI Instructions for additional guidance with this section)

The remainder of this section (Summary Table for Calculation and Measurement Data) does not need to be completed for areas of projects involving oil and gas activities authorized by Chapter 78 or Chapter 78a (well pads) or pipelines and other similar utility infrastructure which will be restored to meadow in good condition or better or existing conditions.

Watershed Name: Susquehanna-Solomon Creek

Volume Control design storm frequency 2-year Rainfall amount 2.57 inches	Pre-construction	Post Construction	Net Change
Impervious area (acres)	0.00	0.24	+0.24
Volume of stormwater runoff (acre-feet) without planned stormwater BMPs	0.03	0.06	+0.03
Volume of stormwater runoff (acre-feet) with planned stormwater BMPs	[redacted]	0.03	-0.00
Stormwater discharge rate for the design frequency storm	Pre-construction	Post Construction	Net Change
1) 2-Year/24-Hour	0.22	0.02	-0.20
2) 10-Year/24-Hour	0.68	0.03	-0.65
3) 50-year/24-Hour	1.52	0.06	-1.46
4) 100-year/24-Hour	2.06	0.07	-1.99

c. Summary Description of PCSM/SR BMPs

In the lists below, check the BMPs identified in the PCSM Plan. The primary function(s) of the BMP listed in the functions column (infiltration/recharge; detention/retention; water quality). Additional functions may be added if applicable to that BMP. List the stormwater volume and area of runoff to be treated by each BMP type when calculations are required. If any BMP in the PCSM/SR Plan is not listed below, describe it in the space provided after "Other". A summary table with infiltration testing information (Attachment E, included in the NOI Instructions) must be submitted for all Bio-infiltration BMPs included in PCSM/SR plan.

For Rate control provide the volume of stormwater treated and acres treated for the 100-year/24-hour storm event.

For volume control and water quality provide the volume of stormwater treated and acres treated for the 2-year/24-hour storm event.

Key for BMP purpose(s): VC = Volume Control; RC = Rate Control; and WQ = Water Quality

BMP	Function(s)	Purpose(s)	Volume of stormwater treated	Acres treated
Site Restoration ONLY				
☐ Restore Site to Meadow in Good Condition or Better, or Existing Conditions	Infiltration/Recharge Detention/WQ Treatment	☐ VC ☐ RC ☐ WQ	_____	_____
Bio-infiltration areas	Infiltration/Recharge			
☐ Infiltration Trench		☐ VC ☐ RC ☐ WQ	_____	_____
☒ Infiltration Bed		☒ VC ☒ RC ☒ WQ	451cf(2-yr); 2,511cf(100-yr)	0.21
☐ Infiltration Basin		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Rain Garden/ Bioretention		☐ VC ☐ RC ☐ WQ	_____	
☐ Infiltration Berm		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Soil Amendment		☐ VC ☐ RC ☐ WQ	_____	_____
Natural Area Conservation	Infiltration/Recharge			
☐ Streamside Buffer Zone		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Wetland Buffer Zone		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Sensitive Area Buffer Zone		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Pre-Construction Drainage Pattern Intact		☐ VC ☐ RC ☐ WQ	_____	_____
Stormwater Retention	Detention/Retention			
☐ Constructed Wetlands		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Wet Ponds		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Retention Basin		☐ VC ☐ RC ☐ WQ	_____	_____
Sediment and Pollutant Removal	Water Quality Treatment			
☐ Vegetated Filter Strips		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Compost Filter Sock		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Detention Basins		☐ VC ☐ RC ☐ WQ	_____	_____
Access Road Design	Infiltration/Recharge			
☐ Road Crowning		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Ditches		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Turnouts		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Culverts		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Roadside Vegetated Filter Strips		☐ VC ☐ RC ☐ WQ	_____	_____

Stormwater Energy Dissipaters ☐ Level Spreaders ☐ Riprap Aprons ☐ Upslope Diversions ☒ OtherVegetated Swale	Infiltration/Recharge	☐ VC ☐ RC ☐ WQ ☐ VC ☐ RC ☐ WQ ☐ VC ☐ RC ☐ WQ ☒ VC ☒ RC ☒ WQ	_____ _____ _____ 1,009cf(2-yr); 4,264cf(100-yr)	_____ _____ _____ 0.49

d. Critical PCSM Plan stages

Identify and list critical stages of implementation of the PCSM Plan for which a licensed professional or designee shall be present on site.

1. Upon commencement of construction activities to ascertain the Vegetated Swale area has been flagged and fence erected to prevent access to the area.
2. At the beginning of construction of the Vegetated Swale to ensure the infiltration area has not been compacted by construction activities.
3. During construction of the Vegetated Swale the licensed professional will observe that the BMP is constructed in accordance with the plans and specifications.
4. At completion of Collection Channel C1 to ensure it has been constructed to the proposed line and grade, the specified lining material has been installed in accordance with the requirements of the plans and specifications, and if applicable, vegetation has been established.
5. Following installation of the Valve Yard Pad subgrade to ensure stormwater flow is directed to the infiltration berm.
6. For final inspection of constructed BMPs.
7. At the establishment of hard surface stabilization or 70% vegetation covers to allow removal of E&S controls.

NOTICE OF INTENT (NOI) FOR COVERAGE UNDER THE EROSION AND SEDIMENT CONTROL GENERAL PERMIT (ESCGP-3) FOR EARTH DISTURBANCE ASSOCIATED WITH OIL AND GAS EXPLORATION, PRODUCTION, PROCESSING, OR TREATMENT OPERATIONS OR TRANSMISSION FACILITIES

TABLES IN ADDENDUM OF NOI

SECTION H. POST CONSTRUCTION STORMWATER MANAGEMENT (PLAN) BMPs

Regional Energy Lateral Pipeline - Carverton Tie-In

b. Summary Table for Supporting Calculation and Measurement Data

(See NOI Instructions for additional guidance with this section)

The remainder of this section (Summary Table for Calculation and Measurement Data) does not need to be completed for areas of projects involving oil and gas activities authorized by Chapter 78 or Chapter 78a (well pads) or pipelines and other similar utility infrastructure which will be restored to meadow in good condition or better or existing conditions.

Watershed Name: Abrahams Creek

Volume Control design storm frequency 2-year Rainfall amount 2.61 inches	Pre-construction	Post Construction	Net Change
Impervious area (acres)	0.03	0.11	+0.08
Volume of stormwater runoff (acre-feet) without planned stormwater BMPs	0.02	0.03	+0.01
Volume of stormwater runoff (acre-feet) with planned stormwater BMPs	[redacted]	0.00	-0.02
Stormwater discharge rate for the design frequency storm	Pre-construction	Post Construction	Net Change
1) 2-Year/24-Hour	0.46	0.00	-0.46
2) 10-Year/24-Hour	0.91	0.00	-0.91
3) 50-year/24-Hour	1.61	0.00	-1.61
4) 100-year/24-Hour	2.01	0.00	-2.01

c. Summary Description of PCSM/SR BMPs

In the lists below, check the BMPs identified in the PCSM Plan. The primary function(s) of the BMP listed in the functions column (infiltration/recharge; detention/retention; water quality). Additional functions may be added if applicable to that BMP. List the stormwater volume and area of runoff to be treated by each BMP type when calculations are required. If any BMP in the PCSM/SR Plan is not listed below, describe it in the space provided after "Other". A summary table with infiltration testing information (Attachment E, included in the NOI Instructions) must be submitted for all Bio-infiltration BMPs included in PCSM/SR plan.

For Rate control provide the volume of stormwater treated and acres treated for the 100-year/24-hour storm event.

For volume control and water quality provide the volume of stormwater treated and acres treated for the 2-year/24-hour storm event.

Key for BMP purpose(s): VC = Volume Control; RC = Rate Control; and WQ = Water Quality

BMP	Function(s)	Purpose(s)	Volume of stormwater treated	Acres treated
Site Restoration ONLY				
☐ Restore Site to Meadow in Good Condition or Better, or Existing Conditions	Infiltration/Recharge Detention/WQ Treatment	☐ VC ☐ RC ☐ WQ	_____	_____
Bio-infiltration areas	Infiltration/Recharge			
☐ Infiltration Trench		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Infiltration Bed		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Infiltration Basin		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Rain Garden/ Bioretention		☐ VC ☐ RC ☐ WQ	_____	
☒ Infiltration Berm		☒ VC ☒ RC ☒ WQ	1,280cf (2-yr); 4,445cf(100-yr)	0.26
Natural Area Conservation	Infiltration/Recharge			
☐ Streamside Buffer Zone		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Wetland Buffer Zone		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Sensitive Area Buffer Zone		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Pre-Construction Drainage Pattern Intact		☐ VC ☐ RC ☐ WQ	_____	_____
Stormwater Retention	Detention/Retention			
☐ Constructed Wetlands		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Wet Ponds		☒ VC ☒ RC ☒ WQ	_____	_____
☐ Retention Basin		☐ VC ☐ RC ☐ WQ	_____	_____
Sediment and Pollutant Removal	Water Quality Treatment			
☐ Vegetated Filter Strips		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Compost Filter Sock		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Detention Basins		☐ VC ☐ RC ☐ WQ	_____	_____
Access Road Design	Infiltration/Recharge			
☐ Road Crowning		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Ditches		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Turnouts		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Culverts		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Roadside Vegetated Filter Strips		☐ VC ☐ RC ☐ WQ	_____	_____

Stormwater Energy Dissipaters	Infiltration/Recharge			
☐ Level Spreaders		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Riprap Aprons		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Upslope Diversions		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Other_____		☐ VC ☐ RC ☐ WQ	_____	_____

d. Critical PCSM Plan stages

Identify and list critical stages of implementation of the PCSM Plan for which a licensed professional or designee shall be present on site.

1. At the beginning of construction to ascertain the Infiltration Berm area has been flagged and fence erected to prevent access to the area.
2. Following installation of the Valve Yard Pad subgrade to ensure stormwater flow is directed to the infiltration berm.
3. At the beginning of construction of the Infiltration Berm to ensure the infiltration area has not been compacted by construction activities.
4. During construction of the infiltration berm the licensed professional will observe that the berm is constructed in accordance with the plans and specifications.
5. For final inspection of constructed BMPs.
6. At the establishment of hard surface stabilization or 70% vegetation covers to allow removal of E&S controls.

NOTICE OF INTENT (NOI) FOR COVERAGE UNDER THE EROSION AND SEDIMENT CONTROL GENERAL PERMIT (ESCGP-3) FOR EARTH DISTURBANCE ASSOCIATED WITH OIL AND GAS EXPLORATION, PRODUCTION, PROCESSING, OR TREATMENT OPERATIONS OR TRANSMISSION FACILITIES

TABLES IN ADDENDUM OF NOI

SECTION H. POST CONSTRUCTION STORMWATER MANAGEMENT (PLAN) BMPs

Regional Energy Lateral Pipeline - Lower Demunds REL Tie-In

b. Summary Table for Supporting Calculation and Measurement Data

(See NOI Instructions for additional guidance with this section)

The remainder of this section (Summary Table for Calculation and Measurement Data) does not need to be completed for areas of projects involving oil and gas activities authorized by Chapter 78 or Chapter 78a (well pads) or pipelines and other similar utility infrastructure which will be restored to meadow in good condition or better or existing conditions.

Watershed Name: Toby Creek

Volume Control design storm frequency 2-year Rainfall amount 3.40 inches	Pre-construction	Post Construction	Net Change
Impervious area (acres)	0.00	0.12	+0.12
Volume of stormwater runoff (acre-feet) without planned stormwater BMPs	0.02	0.04	+0.02
Volume of stormwater runoff (acre-feet) with planned stormwater BMPs		0.01	-0.01
Stormwater discharge rate for the design frequency storm	Pre-construction	Post Construction	Net Change
1) 2-Year/24-Hour	0.20	0.00	-0.20
2) 10-Year/24-Hour	0.40	0.00	-0.40
3) 50-year/24-Hour	0.71	0.20	-0.51
4) 100-year/24-Hour	0.89	0.51	-0.38

c. Summary Description of PCSM/SR BMPs

In the lists below, check the BMPs identified in the PCSM Plan. The primary function(s) of the BMP listed in the functions column (infiltration/recharge; detention/retention; water quality). Additional functions may be added if applicable to that BMP. List the stormwater volume and area of runoff to be treated by each BMP type when calculations are required. If any BMP in the PCSM/SR Plan is not listed below, describe it in the space provided after "Other". A summary table with infiltration testing information (Attachment E, included in the NOI Instructions) must be submitted for all Bio-infiltration BMPs included in PCSM/SR plan.

For Rate control provide the volume of stormwater treated and acres treated for the 100-year/24-hour storm event.

For volume control and water quality provide the volume of stormwater treated and acres treated for the 2-year/24-hour storm event.

Key for BMP purpose(s): VC = Volume Control; RC = Rate Control; and WQ = Water Quality

BMP	Function(s)	Purpose(s)	Volume of stormwater treated	Acres treated
Site Restoration ONLY				
☐ Restore Site to Meadow in Good Condition or Better, or Existing Conditions	Infiltration/Recharge Detention/WQ Treatment	☐ VC ☐ RC ☐ WQ	_____	_____
Bio-infiltration areas	Infiltration/Recharge			
☐ Infiltration Trench		☐ VC ☐ RC ☐ WQ	_____	_____
☒ Infiltration Bed		☒ VC ☒ RC ☒ WQ	1,481cf(2-yr); 4,356cf(100-yr)	0.17
☐ Infiltration Basin		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Rain Garden/ Bioretention		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Infiltration Berm		☐ VC ☐ RC ☐ WQ	_____	_____
Natural Area Conservation	Infiltration/Recharge			
☐ Streamside Buffer Zone		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Wetland Buffer Zone		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Sensitive Area Buffer Zone		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Pre-Construction Drainage Pattern Intact		☐ VC ☐ RC ☐ WQ	_____	_____
Stormwater Retention	Detention/Retention			
☐ Constructed Wetlands		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Wet Ponds		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Retention Basin		☐ VC ☐ RC ☐ WQ	_____	_____
Sediment and Pollutant Removal	Water Quality Treatment			
☐ Vegetated Filter Strips		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Compost Filter Sock		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Detention Basins		☐ VC ☐ RC ☐ WQ	_____	_____
Access Road Design	Infiltration/Recharge			
☐ Road Crowning		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Ditches		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Turnouts		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Culverts		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Roadside Vegetated Filter Strips		☐ VC ☐ RC ☐ WQ	_____	_____

Stormwater Energy Dissipaters ☐ Level Spreaders ☐ Riprap Aprons ☐ Upslope Diversions ☐ Other_____	Infiltration/Recharge	 ☐ VC ☐ RC ☐ WQ ☐ VC ☐ RC ☐ WQ ☐ VC ☐ RC ☐ WQ ☐ VC ☐ RC ☐ WQ	 _____ _____ _____ _____	 _____ _____ _____ _____

d. Critical PCSM Plan stages

Identify and list critical stages of implementation of the PCSM Plan for which a licensed professional or designee shall be present on site.

1. Upon commencement of construction activities to ascertain the Valve Yard Pad area has been flagged and fence erected to prevent access to the area.
2. At completion of Diversion Berm/Channel to ensure it has been constructed to the proposed lines and grades, the specified lining materials have been installed in accordance with the requirements of the plans and specifications, and if applicable, vegetation has been established.
3. At the beginning of construction of the Valve Yard Pad to ensure the infiltration area has not been compacted by construction activities.
4. During construction of the Valve Yard Pad the licensed professional will observe that the BMP is constructed in accordance with the plans and specifications.
5. Following installation of the Valve Yard Pad subgrade to ensure stormwater flow is directed to the outlet structure.
6. For final inspection of constructed BMPs.
7. At the establishment of hard surface stabilization or 70% vegetation covers to allow removal of E&S controls.

NOTICE OF INTENT (NOI) FOR COVERAGE UNDER THE EROSION AND SEDIMENT CONTROL GENERAL PERMIT (ESCGP-3) FOR EARTH DISTURBANCE ASSOCIATED WITH OIL AND GAS EXPLORATION, PRODUCTION, PROCESSING, OR TREATMENT OPERATIONS OR TRANSMISSION FACILITIES

TABLES IN ADDENDUM OF NOI

SECTION H. POST CONSTRUCTION STORMWATER MANAGEMENT (PLAN) BMPs

Regional Energy Lateral Pipeline – MLV-515RA40-Hildebrandt Tie-In

b. Summary Table for Supporting Calculation and Measurement Data

(See NOI Instructions for additional guidance with this section)

The remainder of this section (Summary Table for Calculation and Measurement Data) does not need to be completed for areas of projects involving oil and gas activities authorized by Chapter 78 or Chapter 78a (well pads) or pipelines and other similar utility infrastructure which will be restored to meadow in good condition or better or existing conditions.

Watershed Name: Toby Creek

Volume Control design storm frequency 2-year Rainfall amount 3.40 inches	Pre-construction	Post Construction	Net Change
Impervious area (acres)	0.0	0.22	+0.22
Volume of stormwater runoff (acre-feet) without planned stormwater BMPs	0.03	0.07	+0.04
Volume of stormwater runoff (acre-feet) with planned stormwater BMPs	[redacted]	0.01	-0.02
Stormwater discharge rate for the design frequency storm	Pre-construction	Post Construction	Net Change
1) 2-Year/24-Hour	0.34	0.20	-0.14
2) 10-Year/24-Hour	0.67	0.38	-0.29
3) 50-year/24-Hour	1.20	0.65	-0.55
4) 100-year/24-Hour	1.52	0.80	-0.72

c. Summary Description of PCSM/SR BMPs

In the lists below, check the BMPs identified in the PCSM Plan. The primary function(s) of the BMP listed in the functions column (infiltration/recharge; detention/retention; water quality). Additional functions may be added if applicable to that BMP. List the stormwater volume and area of runoff to be treated by each BMP type when calculations are required. If any BMP in the PCSM/SR Plan is not listed below, describe it in the space provided after "Other". A summary table with infiltration testing information (Attachment E, included in the NOI Instructions) must be submitted for all Bio-infiltration BMPs included in PCSM/SR plan.

For Rate control provide the volume of stormwater treated and acres treated for the 100-year/24-hour storm event.

For volume control and water quality provide the volume of stormwater treated and acres treated for the 2-year/24-hour storm event.

Key for BMP purpose(s): VC = Volume Control; RC = Rate Control; and WQ = Water Quality

BMP	Function(s)	Purpose(s)	Volume of stormwater treated	Acres treated
Site Restoration ONLY				
☐ Restore Site to Meadow in Good Condition or Better, or Existing Conditions	Infiltration/Recharge Detention/WQ Treatment	☐ VC ☐ RC ☐ WQ	_____	_____
Bio-infiltration areas	Infiltration/Recharge			
☐ Infiltration Trench		☐ VC ☐ RC ☐ WQ	_____	_____
☒ Infiltration Bed		☒ VC ☒ RC ☒ WQ	2,265cf(2-yr); 5,881cf(100-yr)	0.21
☐ Infiltration Basin		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Rain Garden/ Bioretention		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Infiltration Berm				
☐ Vegetated Swale		☐ VC ☐ RC ☐ WQ	_____	_____
Natural Area Conservation	Infiltration/Recharge			
☐ Streamside Buffer Zone		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Wetland Buffer Zone		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Sensitive Area Buffer Zone		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Pre-Construction Drainage Pattern Intact		☐ VC ☐ RC ☐ WQ	_____	_____
Stormwater Retention	Detention/Retention			
☐ Constructed Wetlands		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Wet Ponds		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Retention Basin		☐ VC ☐ RC ☐ WQ	_____	_____
Sediment and Pollutant Removal	Water Quality Treatment			
☐ Vegetated Filter Strips		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Compost Filter Sock		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Detention Basins		☐ VC ☐ RC ☐ WQ	_____	_____
Access Road Design	Infiltration/Recharge			
☐ Road Crowning		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Ditches		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Turnouts		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Culverts		☐ VC ☐ RC ☐ WQ	_____	_____

☐ Roadside Vegetated Filter Strips		☐ VC ☐ RC ☐ WQ	_____	_____
Stormwater Energy Dissipaters	Infiltration/Recharge			
☐ Level Spreaders		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Riprap Aprons		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Upslope Diversions		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Other_____		☐ VC ☐ RC ☐ WQ	_____	_____

d. Critical PCSM Plan stages

Identify and list critical stages of implementation of the PCSM Plan for which a licensed professional or designee shall be present on site.

1. Upon commencement of construction activities to ascertain the Valve Yard Pad area has been flagged and fence erected to prevent access to the area.
2. At completion of Diversion Channel to ensure it has been constructed to the proposed lines and grades, the specified lining materials have been installed in accordance with the requirements of the plans and specifications, and if applicable, vegetation has been established.
3. At the beginning of construction of the Valve Yard Pad to ensure the infiltration area has not been compacted by construction activities.
4. During construction of the Valve Yard Pad the licensed professional will observe that the BMP is constructed in accordance with the plans and specifications.
5. Following installation of the Valve Yard Pad subgrade to ensure stormwater flow is directed to the outlet structure.
6. For final inspection of constructed BMPs.
7. At the establishment of hard surface stabilization or 70% vegetation covers to allow removal of E&S controls.

NOTICE OF INTENT (NOI) FOR COVERAGE UNDER THE EROSION AND SEDIMENT CONTROL GENERAL PERMIT (ESCGP-3) FOR EARTH DISTURBANCE ASSOCIATED WITH OIL AND GAS EXPLORATION, PRODUCTION, PROCESSING, OR TREATMENT OPERATIONS OR TRANSMISSION FACILITIES

TABLES IN ADDENDUM OF NOI

SECTION H. POST CONSTRUCTION STORMWATER MANAGEMENT (PLAN) BMPs

Effort Loop Pipeline-MLV-505LD86 Sugar Hollow Valve Yard

b. Summary Table for Supporting Calculation and Measurement Data

(See NOI Instructions for additional guidance with this section)

The remainder of this section (Summary Table for Calculation and Measurement Data) does not need to be completed for areas of projects involving oil and gas activities authorized by Chapter 78 or Chapter 78a (well pads) or pipelines and other similar utility infrastructure which will be restored to meadow in good condition or better or existing conditions.

Watershed Name: Pohopoco Creek

Volume Control design storm frequency 2-year Rainfall amount 3.26 inches	Pre-construction	Post Construction	Net Change
Impervious area (acres)	0.09	0.62	+0.53
Volume of stormwater runoff (acre-feet) without planned stormwater BMPs	0.35	0.44	+0.09
Volume of stormwater runoff (acre-feet) with planned stormwater BMPs	[redacted]	0.28	-0.07
Stormwater discharge rate for the design frequency storm DA-1	Pre-construction	Post Construction	Net Change
1) 2-Year/24-Hour	0.01	0.01	-0.00
2) 10-Year/24-Hour	0.37	0.31	-0.06
3) 50-year/24-Hour	5.89	4.21	-1.68
4) 100-year/24-Hour	11.47	8.28	-3.19
Stormwater discharge rate for the design frequency storm DA-2	Pre-construction	Post Construction	Net Change
1) 2-Year/24-Hour	4.51	3.97	-0.54
2) 10-Year/24-Hour	12.49	12.28	-0.21
3) 50-year/24-Hour	26.58	24.35	-2.23
4) 100-year/24-Hour	35.41	31.74	-3.67

c. Summary Description of PCSM/SR BMPs

In the lists below, check the BMPs identified in the PCSM Plan. The primary function(s) of the BMP listed in the functions column (infiltration/recharge; detention/retention; water quality). Additional functions may be added if applicable to that BMP. List the stormwater volume and area of runoff to be treated by each BMP type when calculations are required. If any BMP in the PCSM/SR Plan is not listed below, describe it in the space provided after "Other". A summary table with infiltration testing information (Attachment E, included in the NOI Instructions) must be submitted for all Bio-infiltration BMPs included in PCSM/SR plan.

For Rate control provide the volume of stormwater treated and acres treated for the 100-year/24-hour storm event.

For volume control and water quality provide the volume of stormwater treated and acres treated for the 2-year/24-hour storm event.

Key for BMP purpose(s): VC = Volume Control; RC = Rate Control; and WQ = Water Quality

BMP	Function(s)	Purpose(s)	Volume of stormwater treated	Acres treated
Site Restoration ONLY				
☐ Restore Site to Meadow in Good Condition or Better, or Existing Conditions	Infiltration/Recharge Detention/WQ Treatment	☐ VC ☐ RC ☐ WQ	_____	_____
Bio-infiltration areas	Infiltration/Recharge			
☐ Infiltration Trench		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Infiltration Bed		☐ VC ☐ RC ☐ WQ	_____	_____
☒ Infiltration Basin		☒ VC ☒ RC ☒ WQ	1,123cf(2-yr); 21,318cf(100-yr)	2.85
☐ Rain Garden/ Bioretention		☐ VC ☐ RC ☐ WQ	_____	_____
☒ Infiltration Berm		☒ VC ☒ RC ☒ WQ	5,915cf(2-yr); 26,924cf(100-yr)	1.54
Natural Area Conservation	Infiltration/Recharge			
☐ Streamside Buffer Zone		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Wetland Buffer Zone		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Sensitive Area Buffer Zone		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Pre-Construction Drainage Pattern Intact		☐ VC ☐ RC ☐ WQ	_____	_____
Stormwater Retention	Detention/Retention			
☐ Constructed Wetlands		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Wet Ponds		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Retention Basin		☐ VC ☐ RC ☐ WQ	_____	_____
Sediment and Pollutant Removal	Water Quality Treatment			
☐ Vegetated Filter Strips		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Compost Filter Sock		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Detention Basins		☐ VC ☐ RC ☐ WQ	_____	_____
Access Road Design	Infiltration/Recharge			
☐ Road Crowning		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Ditches		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Turnouts		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Culverts		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Roadside Vegetated Filter Strips		☐ VC ☐ RC ☐ WQ	_____	_____

Stormwater Energy Dissipaters	Infiltration/Recharge			
☐ Level Spreaders		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Riprap Aprons		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Upslope Diversions		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Other_____		☐ VC ☐ RC ☐ WQ	_____	_____

d. Critical PCSM Plan stages

Identify and list critical stages of implementation of the PCSM Plan for which a licensed professional or designee shall be present on site.

1. For the final grading of the access road, ensuring it is constructed according to the plan details for proper conveyance of runoff.
2. Following final grading and seeding of the diversion channels and basin, in order to confirm they have been constructed according to the plan details for proper collection and conveyance of runoff. Periodic assessments will need to be made to ensure accumulated sediment have been cleaned out so the channels and basin maintain the necessary design volumes.
3. During the layout and excavation of the outlet control structure, the professional or delegate will ensure sizing, materials specifications, and construction procedures are followed to enable proper storage in the basin.
4. Following final grading and seeding of the infiltration berm in order to confirm they have been constructed according to the plan details for proper collection, infiltration, and conveyance of runoff. Periodic assessment will need to be made to ensure that accumulated sediment have been cleaned out so the area behind the berm maintains the necessary design volume.
5. For final inspection of constructed channels, basin and berms.
6. At the establishment of hard surface stabilization or 70% vegetation covers to allow removal of E&S controls.

NOTICE OF INTENT (NOI) FOR COVERAGE UNDER THE EROSION AND SEDIMENT CONTROL GENERAL PERMIT (ESCGP-3) FOR EARTH DISTURBANCE ASSOCIATED WITH OIL AND GAS EXPLORATION, PRODUCTION, PROCESSING, OR TREATMENT OPERATIONS OR TRANSMISSION FACILITIES

TABLES IN ADDENDUM OF NOI

SECTION H. POST CONSTRUCTION STORMWATER MANAGEMENT (PLAN) BMPs

Compressor Station 200

b. Summary Table for Supporting Calculation and Measurement Data

(See NOI Instructions for additional guidance with this section)

The remainder of this section (Summary Table for Calculation and Measurement Data) does not need to be completed for areas of projects involving oil and gas activities authorized by Chapter 78 or Chapter 78a (well pads) or pipelines and other similar utility infrastructure which will be restored to meadow in good condition or better or existing conditions.

Watershed Name: Valley Creek

Volume Control design storm frequency 2-year Rainfall amount 3.30 inches	Pre-construction	Post Construction	Net Change
Impervious area (acres)	0.25	0.40	+0.15
Volume of stormwater runoff (acre-feet) without planned stormwater BMPs	0.07	0.11	+0.04
Volume of stormwater runoff (acre-feet) with planned stormwater BMPs	[redacted]	0.07	-0.00
Stormwater discharge rate for the design frequency storm	Pre-construction	Post Construction	Net Change
1) 2-Year/24-Hour	1.03	0.15	-0.88
2) 10-Year/24-Hour	2.06	1.39	-0.67
3) 50-year/24-Hour	3.19	2.79	-0.40
4) 100-year/24-Hour	3.97	3.50	-0.47

c. Summary Description of PCSM/SR BMPs

In the lists below, check the BMPs identified in the PCSM Plan. The primary function(s) of the BMP listed in the functions column (infiltration/recharge; detention/retention; water quality). Additional functions may be added if applicable to that BMP. List the stormwater volume and area of runoff to be treated by each BMP type when calculations are required. If any BMP in the PCSM/SR Plan is not listed below, describe it in the space provided after "Other". A summary table with infiltration testing information (Attachment E, included in the NOI Instructions) must be submitted for all Bio-infiltration BMPs included in PCSM/SR plan.

For Rate control provide the volume of stormwater treated and acres treated for the 100-year/24-hour storm event.

For volume control and water quality provide the volume of stormwater treated and acres treated for the 2-year/24-hour storm event.

Key for BMP purpose(s): VC = Volume Control; RC = Rate Control; and WQ = Water Quality

BMP	Function(s)	Purpose(s)	Volume of stormwater treated	Acres treated
Site Restoration ONLY				
☐ Restore Site to Meadow in Good Condition or Better, or Existing Conditions	Infiltration/Recharge Detention/WQ Treatment	☐ VC ☐ RC ☐ WQ	_____	_____
Bio-infiltration areas	Infiltration/Recharge			
☐ Infiltration Trench		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Infiltration Bed		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Infiltration Basin		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Rain Garden/ Bioretention		☐ VC ☐ RC ☐ WQ	_____	_____
☒ Infiltration Berm		☒ VC ☒ RC ☒ WQ	3,790cf(2-yr); 11,631cf(100-yr)	0.56
Natural Area Conservation	Infiltration/Recharge			
☐ Streamside Buffer Zone		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Wetland Buffer Zone		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Sensitive Area Buffer Zone		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Pre-Construction Drainage Pattern Intact		☐ VC ☐ RC ☐ WQ	_____	_____
Stormwater Retention	Detention/Retention			
☐ Constructed Wetlands		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Wet Ponds		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Retention Basin		☐ VC ☐ RC ☐ WQ	_____	_____
Sediment and Pollutant Removal	Water Quality Treatment			
☐ Vegetated Filter Strips		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Compost Filter Sock		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Detention Basins		☐ VC ☐ RC ☐ WQ	_____	_____
Access Road Design	Infiltration/Recharge			
☐ Road Crowning		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Ditches		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Turnouts		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Culverts		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Roadside Vegetated Filter Strips		☐ VC ☐ RC ☐ WQ	_____	_____

Stormwater Energy Dissipaters ☐ Level Spreaders ☐ Riprap Aprons ☐ Upslope Diversions ☐ Other_____	Infiltration/Recharge	 ☐ VC ☐ RC ☐ WQ ☐ VC ☐ RC ☐ WQ ☐ VC ☐ RC ☐ WQ ☐ VC ☐ RC ☐ WQ	 _____ _____ _____ _____	 _____ _____ _____ _____

d. Critical PCSM Plan stages

Identify and list critical stages of implementation of the PCSM Plan for which a licensed professional or designee shall be present on site.

1. Following final grading and seeding of the infiltration berm in order to confirm it has been constructed according to the plan details for proper collection, infiltration, and conveyance of runoff. Periodic assessments will need to be made to ensure that accumulated sediment should be cleaned out so the channels and berm maintain necessary design volume.
2. For final inspection of constructed BMPs.
3. At the establishment of hard surface stabilization or 70% vegetation covers to allow removal of E & S controls.

NOTICE OF INTENT (NOI) FOR COVERAGE UNDER THE EROSION AND SEDIMENT CONTROL GENERAL PERMIT (ESCGP-3) FOR EARTH DISTURBANCE ASSOCIATED WITH OIL AND GAS EXPLORATION, PRODUCTION, PROCESSING, OR TREATMENT OPERATIONS OR TRANSMISSION FACILITIES

TABLES IN ADDENDUM OF NOI

SECTION H. POST CONSTRUCTION STORMWATER MANAGEMENT (PLAN) BMPs

Compressor Station 515

b. Summary Table for Supporting Calculation and Measurement Data

(See NOI Instructions for additional guidance with this section)

The remainder of this section (Summary Table for Calculation and Measurement Data) does not need to be completed for areas of projects involving oil and gas activities authorized by Chapter 78 or Chapter 78a (well pads) or pipelines and other similar utility infrastructure which will be restored to meadow in good condition or better or existing conditions.

Watershed Name: Bear Creek

Volume Control design storm frequency 2-year Rainfall amount 3.40 inches	Pre-construction	Post Construction	Net Change
Impervious area (acres)	0.34	2.44	+2.10
Volume of stormwater runoff (acre-feet) without planned stormwater BMPs	0.50	0.81	+0.31
Volume of stormwater runoff (acre-feet) with planned stormwater BMPs	[redacted]	0.18	-0.32
Stormwater discharge rate for the design frequency storm	Pre-construction	Post Construction	Net Change
1) 2-Year/24-Hour	5.46	1.76	-3.70
2) 10-Year/24-Hour	10.19	8.30	-1.89
3) 50-year/24-Hour	16.85	9.55	-7.30
4) 100-year/24-Hour	20.81	9.58	-11.23

c. Summary Description of PCSM/SR BMPs

In the lists below, check the BMPs identified in the PCSM Plan. The primary function(s) of the BMP listed in the functions column (infiltration/recharge; detention/retention; water quality). Additional functions may be added if applicable to that BMP. List the stormwater volume and area of runoff to be treated by each BMP type when calculations are required. If any BMP in the PCSM/SR Plan is not listed below, describe it in the space provided after "Other". A summary table with infiltration testing information (Attachment E, included in the NOI Instructions) must be submitted for all Bio-infiltration BMPs included in PCSM/SR plan.

For Rate control provide the volume of stormwater treated and acres treated for the 100-year/24-hour storm event.

For volume control and water quality provide the volume of stormwater treated and acres treated for the 2-year/24-hour storm event.

Key for BMP purpose(s): VC = Volume Control; RC = Rate Control; and WQ = Water Quality

BMP	Function(s)	Purpose(s)	Volume of stormwater treated	Acres treated
Site Restoration ONLY				
☐ Restore Site to Meadow in Good Condition or Better, or Existing Conditions	Infiltration/Recharge Detention/WQ Treatment	☐ VC ☐ RC ☐ WQ	_____	_____
Bio-infiltration areas	Infiltration/Recharge			
☐ Infiltration Trench		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Infiltration Bed		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Infiltration Basin		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Rain Garden/ Bioretention		☐ VC ☐ RC ☐ WQ	_____	_____
☒ Infiltration Berm		☒ VC ☒ RC ☒ WQ	31,799cf(2-yr); 96,268cf(100-yr)	3.83
Natural Area Conservation	Infiltration/Recharge			
☐ Streamside Buffer Zone		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Wetland Buffer Zone		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Sensitive Area Buffer Zone		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Pre-Construction Drainage Pattern Intact		☐ VC ☐ RC ☐ WQ	_____	_____
Stormwater Retention	Detention/Retention			
☐ Constructed Wetlands		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Wet Ponds		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Retention Basin		☐ VC ☐ RC ☐ WQ	_____	_____
Sediment and Pollutant Removal	Water Quality Treatment			
☐ Vegetated Filter Strips		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Compost Filter Sock		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Detention Basins		☐ VC ☐ RC ☐ WQ	_____	_____
Access Road Design	Infiltration/Recharge			
☐ Road Crowning		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Ditches		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Turnouts		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Culverts		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Roadside Vegetated Filter Strips		☐ VC ☐ RC ☐ WQ	_____	_____

Stormwater Energy Dissipaters	Infiltration/Recharge			
☐ Level Spreaders		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Riprap Aprons		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Upslope Diversions		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Other_____		☐ VC ☐ RC ☐ WQ	_____	_____

d. Critical PCSM Plan stages

Identify and list critical stages of implementation of the PCSM Plan for which a licensed professional or designee shall be present on site.

1. Following final grading and seeding of the collection channels and infiltration berm in order to confirm they have been constructed according to the plan details for proper collection, infiltration, and conveyance of runoff. Periodic assessments will need to be made to ensure that accumulated sediment should be cleaned out so the channels and berm maintain necessary design volume.
2. For final inspection of constructed BMPs.
3. At the establishment of hard surface stabilization or 70% vegetation covers to allow removal of E & S controls.

SECTION I. ANTIDEGRADATION ANALYSIS

This section must be completed where earth disturbance activities will be conducted in the watershed of a surface water with an existing or designated use of exceptional value or high quality pursuant to Chapter 93 (relating to water quality standards), projects where any part is located in an exceptional value wetland in accordance with 25 Pa. Code § 105.17, and projects where any part is located in the watershed of an impaired surface water where the cause of impairment is identified as siltation.

Part 1 - NONDISCHARGE ALTERNATIVES EVALUATION

The applicant must consider and describe any and all non-discharge alternatives for the entire project area which are environmentally sound and will**:**

- Minimize accelerated erosion and sedimentation during the earth disturbance activity
- Achieve no net change from pre-development to post-development volume, rate and concentration of pollutants in water quality

E & S Plan	PCSM/SR Plan
Check off the environmentally sound nondischarge Best Management Practices (BMPs) listed below to be used prior to, during, and after earth disturbance activities that have been incorporated into your E & S Plan based on the site analysis. For non-discharge BMPs not checked, provide an explanation of why they were not utilized. Also for BMPs checked, provide an explanation of why they were utilized. (Provide the analysis and attach additional sheets if necessary) See Section 2 of this ESCGP-3 Application	Check off the environmentally sound nondischarge Best Management Practices (BMPs) listed below to be used after construction that have been incorporated into the PCSM/SR Plan based on your site analysis. For non-discharge BMPs not checked, provide an explanation of why they were not utilized. Also for BMPs checked, provide an explanation of why they were utilized. (Provide the analysis and attach additional sheets if necessary) See Section 3 of this ESCGP-3 Application
Nondischarge BMPs ☐ Alternative Siting ☐ Alternative location ☐ Alternative configuration ☐ Alternative location of discharge ☒ Limited Disturbed Area ☐ Limiting Extent & Duration of Disturbance (Phasing, Sequencing) ☐ Riparian Buffers (150 ft. min.) ☐ Riparian Forest Buffer (150 ft. min.) ☐ Other _____	**Nondischarge BMPs** ☐ Alternative Siting ☐ Alternative location ☐ Alternative configuration ☐ Alternative location of discharge ☐ Low Impact Development (LID / BSD) ☐ Riparian Buffers (150 ft. min.) ☐ Riparian Forest Buffer (150 ft. min.) ☒ Infiltration ☐ Water Reuse ☐ Other _____
Will the non-discharge alternative BMPs eliminate the net change in rate, volume and quality during construction? ☐ Yes ☒ No If yes, antidegradation analysis is complete. If no, proceed to Part 2.	Will the non-discharge alternative BMPs eliminate the net change in rate, volume and quality after construction? ☐ Yes ☒ No If yes, antidegradation analysis is complete. If no, proceed to Part 2.

PART 2 - ANTIDEGRADATION BEST AVAILABLE COMBINATION OF TECHNOLOGIES (ABACT)

If the net change in stormwater discharge from or after construction is not fully managed by nondischarge BMPs, the applicant must utilize ABACT BMPs to manage the difference. The Applicant must specify whether the discharge will occur during construction, post-construction or both, and identify the technologies that will be used to ensure that the discharge will be a non-degrading discharge. ABACT BMPs include but are not limited to:

E & S Plan	PCSM/SR Plan
☒ **Treatment BMPs:** ☐ Sediment basin with skimmer ☐ Sediment basin ratio of 4:1 or greater (flow length to basin width) ☐ Sediment basin with 4-7 day detention ☐ Flocculants ☒ Compost Filter Socks ☒ Compost Filter Sock Sediment Basin ☒ RCE w/ Wash Rack ☒ **Land disposal:** ☐ Vegetated filters ☐ Riparian buffers <150ft. ☐ Riparian Forest Buffer <150ft. ☒ Immediate stabilization ☒ **Pollution prevention:** ☒ PPC Plans ☒ Street sweeping ☒ Channels, collectors and diversions lined with permanent vegetation, rock, geotextile or other non-erosive materials ☐ **Stormwater reuse technologies:** ☐ Sediment basin water for dust control ☐ Sediment basin water for irrigation ☐ **Other** _____	☒ **Treatment BMPs:** ☒ Infiltration Practices ☐ Wet ponds ☐ Created wetland treatment systems ☒ Vegetated swales ☐ Manufactured devices ☒ Bio-retention/infiltration ☐ Green Roofs ☐ **Land disposal:** ☐ Vegetated filters ☐ Riparian Buffers <150ft. ☐ Riparian Forest Buffer <150ft. ☐ Disconnection of roof drainage ☐ Bio-retention/bio-infiltration ☒ **Pollution prevention:** ☐ Street sweeping ☐ Nutrient, pesticide, herbicide or other chemical application plan alternatives ☒ PPC Plans ☒ Non-structural Practices ☒ Restoration BMPs ☐ **Stormwater reuse technologies:** ☐ Divert rainwater into impoundment ☐ Underground storage ☐ Spray/Drip Irrigation ☐ **Other** _____
Are the ABACT BMPs selected sufficient to minimize E&S discharges to the extent that existing or designated surface water uses are protected? ☒ Yes ☐ No If yes, Antidegradation analysis is complete. If no, NOI Application will be returned to the Applicant.	Are the ABACT BMPs selected sufficient to achieve no net change and assure that existing or designated surface water uses are protected? ☒ Yes ☐ No If yes, Antidegradation analysis is complete. If no, NOI Application will be returned to the Applicant.

SECTION J. COMPLIANCE HISTORY REVIEW

Is/was the applicant(s) in violation of any Department regulation, order, schedule of compliance or permit or in violation of any department regulated activities within the past five years?

☒ Yes ☐ No

If yes, provide the permit number or facility name, a brief description of the violation, the compliance schedule (including dates and steps to achieve compliance) and the current compliance status. (Attach additional information on a separate sheet, when necessary)

Permit Program or Activity: Chapter 102, Chapter 105, PAG-10
Permit Number (if applicable):

1. **ESG03000150001, ESG00350150001, ESG00081150001**
2. **E41-649**
3. **E-19-311, E36-947, E-38-195, E40-769,E49-336, E54-360, E58-315, E66-160, E41-667, E18-495,**
4. **PAG109632**

Brief Description of non-compliance:

Consent Assessment of Civil Penalty, Reports past due.

Steps taken to achieve compliance	Date(s) compliance achieved
1. Consent Assessment of Civil Penalty 2. Consent Assessment of Civil Penalty. Permits being obtained to complete channel restoration 3. Consent Assessment of Civil Penalty 4. All past due reports were provided to PADEP	1. 9/20/2020 2. 8/9/2020 3. 9/20/2020 4. 12/14/2017

Current Compliance Status: ☒ In-Compliance ☐ In Non-Compliance

If in non-compliance, attach schedule for achieving compliance.

SECTION K. CERTIFICATION BY PERSON PREPARING E&S AND PCSM/SR PLANS

I do hereby certify to the best of my knowledge, information, and belief, that the Erosion and Sediment Control and PCSM/Site Restoration Plans are true and correct, represent actual field conditions, and are in accordance with the 25 Pa. Code Chapters 78/78a and 102 of the Department's rules and regulations. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment.

Print Name Kevin C. Clark	Signature	Professional Seal
Company BAI Group, LLC		
Address 2525 Green Tech Drive, Suite D, State College, PA-16803		
Phone (814) 238-2060		
Most Recent DEP Training Attended _____	Location _____ Date _____	
e-Mail Address kclark@baigroupllc.com		

EXPEDITED REVIEW PROCESS

In addition to the certification required above, applicants using the expedited permit review process must attach an E&S and PCSM/Site Restoration Plans developed and sealed by a licensed professional engineer, surveyor or professional geologist. The plans shall contain the following certification:

*I do hereby certify to the best of my knowledge, information, and belief, that the E & S Control and PCSM/SR BMPs are true and correct, represent actual field conditions and are in accordance with the 25 Pa. Code Chapters 78 / 78a and 102 of the Department's rules and regulations. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment***.**

SECTION L. APPLICANT CERTIFICATION

Applicant Certification

I certify under penalty of law, as provided by 18 Pa. C.S.A. § 4904, that this application and all related attachments were prepared by me or under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my own knowledge and on inquiry of the person or persons who manage the system or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate and complete. The responsible official's signature also verifies that the activity is eligible to participate in the ESCGP, and that the applicant agrees to abide by the terms and conditions of the permit. BMP's, E&S Plan, PPC Plan, PCSM Plan, and other controls are being or will be, implemented to ensure that water quality standards and effluent limits are attained.

I grant permission to the agencies responsible for the permitting of this work, or their duly authorized representative to enter the project site for inspection purposes. I will abide by the conditions of the permit if issued and will not begin work prior to permit issuance.

(For individuals no indication of title is necessary, choose the box below. All others proceed to the next paragraph)

☐ **Individual; proceed to signature portion.**

I hereby certify under penalty of law, as provided by 18 Pa. C.S.A. § 4904, that I am the person who is responsible for decision-making regarding environmental compliance functions for Transcontinental Gas Pipeline Company, LLC, the manager of one or more manufacturing, production, or operating facilities of the applicant and am authorized to make management decisions which govern the operation of regulated facility including having explicit or implicit duty of making major capital investment recommendations, and initiating and directing other comprehensive measures to assure the applicant's long term environmental compliance with environmental laws and regulations; and I am responsible for ensuring that the necessary systems are established or actions taken to gather complete and accurate information for permit application requirements.

(choose one of the following; not applicable for individuals):

☐ The responsible corporate officer ☐ president ☐ vice president ☐ secretary
☐ treasure of _____ Corporation/Company
Entity name

☒ The ☐ member or ☒ manager of Transcontinental Gas Pipe Line Company, LLC
Entity name

☐ The general partner of _____ partnership/LP/LLP
Entity name

☐ The principal executive officer or ranking elected official of _____ Municipality/State/Federal/other public agency
Entity name

☐ Power of Attorney/delegation of contractual authority (documentation supporting delegation of contracting authority must be provided) for _____
Entity name

_____	_____
Print Name and Title of Applicant	Print Name and Title of Co-Applicant (if applicable)
_____	_____
Signature of Applicant	Signature of Co-Applicant
_____	_____
Date Application Signed	Date Application Signed

Notarization

Sworn to and subscribed to before me this

_____ day of _____, 20_____

_____
Notary Public

AFFIX SEAL

Commonwealth of Pennsylvania

County of _____

My Commission expires _____

SECTION M. ADDITIONAL CONTACT INFORMATION				
Contact's Last Name	First Name	MI	Phone (814) 689-1650	
Nelson	Ryan	J	FAX	
Mailing Address	City		State	ZIP + 4
2525 Green Tech Drive, Suite B	State College		PA	16803
e-Mail Address ryann@whmgroup.com				

Section 1-1.1 NOI Supporting Information

Project Component	Site	Site Location City	ZIP Code	County	Municipality	Total Project Area/Project Site (Acre)	Total Disturbed Area (Acre)	Latitude / Longitude	U.S.G.S. 7.5 min. Topographic Quadrangle	Receiving Waters	Chapter 93, Designated Use Stream Classification	Chapter 93, Existing Use Stream Classification	Siltation Impaired
Regional Energy Lateral	Pipeline			Luzerne	Buck, Bear Creek, Plains, Jenkins, Kingston, Dallas, Wyoming, West Wyoming, Laflin	952.63	420.67 (includes CS 515 and sites below)	41.173337, -75.671706 (eastern terminus) 41.346917, -75.946263 (western terminus)	Kingston, Pittston, Avoca, Wilkes-Barre East, Pleasant View Summit	Stony Run, Shades Creek, Little Shades Creek, Snider Run, Meadow Run, Bear Creek, Little Bear Creek, Mill Creek, Gardner Creek, Susquehanna River, Abrahams Creek, Toby Creek, Trout Brook	MF, HQ-CWF, WWF, CWF	-	No
	CY-LU-001	Wyoming	18644	Luzerne	Wyoming		16.3 (Included within above total)	41.31016, -75.84636		Abrahams Creek	CWF, MF	-	No
	CY-LU-002	Wilkes-Barre	18702	Luzerne	Laflin		11.4 (Included within above total)	41.28491, -75.79026		Gardner Creek	CWF, MF	-	No
	MLV-515RA20	Wilkes-Barre	18702	Luzerne	Bear Creek Township		0.46 (Included within above total)	41.25279, -75.75856		Mill Creek	CWF, MF	-	No
	MLV-515RA30	Wyoming	18644	Luzerne	Wyoming Borough		0.44 (Included within above total)	41.30411, -75.84662		Susquehanna River	WWF		No
	Carverton Tie-in	Wyoming	18644	Luzerne	West Wyoming Borough		3.9 (Included within above total)	41.32053, -75.87270		Abrahams Creek	CWF, MF		No
	Lower Demunds REL Tie-in	Dallas	18612	Luzerne	Dallas Township		1.7 (Included within above total)	41.34652, -75.94551		Trout Brook	CWF, MF		No
	Hildebrandt Tie-in/MLV-515RA40	Dallas	18612	Luzerne	Dallas Township		3.1 (Included within above total)	41.34692, -75.94629		Toby Creek, Trout Brook	CWF, MF		No
	Laflin Borough Stream Stabilization	Wilkes-Barre	18702	Luzerne	Laflin Borough		0.94 (Included within above total)	41.28925, -75.80209		Gardner Creek	CWF, MF	-	No
Effort Loop	Pipeline			Monroe	Ross, Chestnuthill, Tunkhannock	360.63	262.18	40.896796, -75.370606 (Southeast Terminus) 41.053413, -75.526178 (Northwest Terminus)	Blakeslee, Pocono Pines, Brodheadsville, Saylorsburg	Lake Creek, Princess Run, Weir Creek, McMichael Creek, Pohopoco Creek, Sugar Hollow Creek, Poplar Creek, Mud Run, Mud Pond Run, Tunkhannock Creek	EV, MF, HQ-CWF, CWF	EV, MF	No

Project Component	Site	Site Location City	ZIP Code	County	Municipality	Total Project Area/Project Site (Acre)	Total Disturbed Area (Acre)	Latitude / Longitude	U.S.G.S. 7.5 min. Topographic Quadrangle	Receiving Waters	Chapter 93, Designated Use Stream Classification	Chapter 93, Existing Use Stream Classification	Siltation Impaired
	MLV-505LD86 Sugar Hollow Valve Yard	Effort	18330	Monroe	Chestnut Hill Township		8.8 (Included within above total)	40.96775, -75.42980		Sugar Hollow Creek	CWF, MF	-	No
	CY-MO-001	Saylorsburg	18353	Monroe	Ross Township		50.1 (Included within above total)	40.89803, -75.36784		Lake Creek, Princess Run	HQ-CWF, MF, CWF	-	No
Delaware River Regulator		Easton	18040	Northampton	Lower Mt. Bethel	11.28	3.25	40.76220 -75.19653	Bangor, PA	Mud Run	CWF, MF	-	No
Mainline "A" Regulator		Washington Crossing	18977	Bucks	Lower Makefield	0.94	0.530	40.26807, -74.85712	Pennington, NJ-PA	Dyers Creek, Delaware River	MF, WWF	-	No
Compressor Station 200		Frazer	19335	Chester	East Whiteland	20.28	3.16	40.04998, -75.58589	Malvern, PA	Valley Creek	EV, MF, CWF	-	Yes
Compressor Station 515		White Haven	18661	Luzerne	Buck	952.63 (Included with Regional Energy Lateral)	24.83 (included with Regional Energy Lateral)	41.17380, -75.67118	Pleasant View Summit, PA	Shades Creek, Stony Run	HQ-CWF, MF	-	No

COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
BUREAU OF CLEAN WATER

MUNICIPAL NOTIFICATION OF PLANNED LAND DEVELOPMENT FOR CHAPTER 102 PERMITS

PROJECT INFORMATION (COMPLETED BY APPLICANT)

Applicant Name:	**Transcontinental Gas Pipe Line Company, a subsidiary of Williams Partners, L.P.**	Contact Name:	**Joseph Dean** **Manager-Permitting**
Applicant Address:	**2800 Post Oak Blvd, Level 11**	Contact Phone:	**(713) 215-3427**
Applicant City, State, ZIP:	**Houston, TX 77056**	County:	**Monroe**
		Municipality:	**Ross**
		Project Area:	**73.81** acres ☐ Phased
		Disturbance:	**65.99** acres

Description of Proposed Land Development and Stormwater Controls:

The Effort Loop component of the Regional Energy Access Expansion Project will consist of approximately 13.8 miles of 42-inch pipeline co-located with existing Transco Leidy Lines between Mileposts 43.72 and 57.50 in Ross, Chestnuthill and Tunkhannock Townships, Monroe County. The new pipeline will tie-in to the existing 42-in Leidy Line "D" on both ends, completing the segment. With the segment completed, the existing pig traps (industry term for manifolds that launch or receive in-line inspection tools) at both tie-ins will no longer be needed and will therefore be removed, while the existing mainline valves will remain. Transco will be installing a new mainline valve and appurtenant equipment at Milepost 49.6 off of Sugar Hollow Road. The valve installation is a means to isolate gas flows. One Contractor Yard is proposed at the east end of the pipeline at MP 43.72. One remote anode groundbed is proposed at MP 43.72. E&S BMP's are proposed in Ross Township.

Tax Parcel ID(s) Affected by Proposed Land Development:

See attached table

Surface Waters Receiving Stormwater Discharges:

Lake Creek, McMichael Creek, Princess Run, Weir Creek

Discharge to: ☐ MS4 ☐ Other SS ☐ CSS

The following information was submitted to the municipality for this project:

☐ Land Development / Subdivision Plan ☒ E&S Plan ☐ PCSM Plan ☐ Other:

***On March 31, 2021 Transco submitted to you its E&S and PCSM Plans (Plans) as part of the ESCGP-3 permit application notification. Transco provided an update in July 2021 indicating the Erosion and Sediment Control Permit for Discharges of Stormwater Associated with Construction Activities Application was submitted to the PA Dept. of Environmental Protection to replace the ESCGP-3 application. Transco has updated the application in**

response to the PADEP Technical Deficiencies and is providing the updated materials. Updated drawings, location maps, GIF form and Parcel ID tables are included.

MUNICIPAL PLAN / ORDINANCE INFORMATION (COMPLETED BY MUNICIPALITY)		
1. Is there an adopted municipal or multi-municipal comprehensive plan?	☐ Yes	☐ No
2. Is there an enacted municipal or multi-municipal zoning ordinance?	☐ Yes	☐ No
3. If Yes to #2, is the proposed project consistent with the ordinance?	☐ Yes	☐ No
4. Is there a municipal stormwater management ordinance?	☐ Yes	☐ No
5. If Yes to #4, is the proposed project consistent with the ordinance, without waiver?	☐ Yes	☐ No

6. If Yes to #4, indicate type of ordinance: ☐ Act 167 Model Ordinance ☐ DEP Model Ordinance (MS4s) ☐ Other

APPLICANT CERTIFICATION	MUNICIPAL ACKNOWLEDGEMENT
I certify under penalty of law (see 18 Pa.C.S. § 4904 (relating to unsworn falsification)) that the information reported herein was prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the information, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.	The municipality acknowledges that a permit application for the above-referenced project has been submitted to a reviewing agency and that notification requirements of Act 14 of 1984 and Acts 67, 68, and 127 of 2000 have been satisfied. The information reported herein by the municipality is true and accurate. The municipality reserves the right to comment to the reviewing agency relative to comprehensive plans, zoning, and stormwater ordinance consistency. Municipal acknowledgment of receipt of notification shall not be construed as project approval.

Joseph Dean

Applicant Name

Municipal Representative Name

Applicant Signature

Municipal Representative Signature

Manager - Permitting

Applicant Title

Municipal Representative Title

04/06/2022

Date of Signature

Date of Signature

Proof of Delivery

Dear Customer,

This notice serves as proof of delivery for the shipment listed below.

Tracking Number
1Z8797VV0392744553

Weight
2.00 LBS

Service

UPS Ground

Shipped / Billed On
04/06/2022

Delivered On

04/07/2022 4:30 P.M.

Delivered To
SAYLORSBURG, PA, US

Received By

ROMANO

Left At
Inside Delivery

Thank you for giving us this opportunity to serve you. Details are only available for shipments delivered within the last 120 days. Please print for your records if you require this information after 120 days.

Sincerely,

UPS

Tracking results provided by UPS: 04/11/2022 11:02 A.M. EST

Transcontinental Gas Pipe Line Company, LLC

Section 1-11 – General Information Form

Regional Energy Access Expansion Project

April 2021
(Added July 2021)
(Revised March 2022)

pennsylvania
DEPARTMENT OF ENVIRONMENTAL PROTECTION

COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION

GENERAL INFORMATION FORM – AUTHORIZATION APPLICATION

Before completing this General Information Form (GIF), read the step-by-step instructions provided in this application package. This form is used by the Department of Environmental Protection (DEP) to inform our programs regarding what other DEP permits or authorizations may be needed for the proposed project or activity. This version of the General Information Form (GIF) must be completed and returned with any program-specific application being submitted to the DEP.

Related ID#s (If Known)				DEP USE ONLY
Client ID#		**APS ID#**		Date Received & General Notes
Site ID#		**Auth ID#**		
Facility ID#				

CLIENT INFORMATION

DEP Client ID#	Client Type / Code	Dun & Bradstreet ID#
163321	LLC	

Legal Organization Name or Registered Fictitious Name	Employer ID# (EIN)	Is the EIN a SSN?
Transcontinental Gas Pipe Line Company, LLC	74-1079400	☐ Yes ☒ NO

State of Incorporation or Registration of Fictious Name

☐ Corporation ☒ LLC ☐ Partnership ☐ LLP ☐ LP
☐ Sole Proprietorship ☐ Association/Organization
☐ Estate/Trust ☐ Other

Individual Last Name	First Name	MI	Suffix

Additional Individual Last Name	First Name	MI	Suffix

Mailing Address Line 1	Mailing Address Line 2
2800 Post Oak Blvd, Level 11	

Address Last Line – City	State	ZIP+4	Country
Houston	TX	77056	United States

Client Contact Last Name	First Name	MI	Suffix
Dean	Joseph		

Client Contact Title	Phone	Ext	Cell Phone
Manager, Permitting	(713) 215-3427		

Email Address	FAX
Joseph.Dean@Williams.com	

SITE INFORMATION

DEP Site ID#	Site Name
	Regional Energy Access Expansion Project

EPA ID# **Estimated Number of Employees to be Present at Site**

Description of Site
The Project is an expansion of an existing natural gas transmission system consisting of pipelines, modification of three existing compressor stations and additional existing ancillary facilities.

Tax Parcel ID(s):

County Name(s)	Municipality(ies)	City	Boro	Twp	State
Luzerne	Buck, Bear Creek, Plains, Jenkins, Kingston, Dallas, Wyoming, West Wyoming, Laflin	☐	☒	☒	PA
Monroe	Ross, Chestnuthill, Tunkhannock	☐	☐	☒	PA
Northampton	Lower Mt. Bethel	☐	☐	☒	PA
Bucks	Lower Makefield	☐	☐	☒	PA
Chester	East Whiteland	☐	☐	☒	PA
		☐	☐	☒	PA
		☐	☒	☐	PA

Site Location Line 1	Site Location Line 2
See Section 1.1 - GIF Supporting Information	

Site Location Last Line – City	State	ZIP+4

Detailed Written Directions to Site
See Secton 1.1 - GIF Supporting Information for locations of all project sites.

Site Contact Last Name	First Name	MI	Suffix
Henry	Josh		

Site Contact Title	Site Contact Firm
Environmental Specialist	Transcontinental Gas Pipe Line Company, LLC.

Mailing Address Line 1	Mailing Address Line 2
2000 Commerce Drive, Park Place 2	

Mailing Address Last Line – City	State	ZIP+4
Pittsburgh	PA	15275

Phone	Ext	FAX	Email Address
(412) 787- 4277			Josh.Henry@Williams.com

NAICS Codes (Two- & Three-Digit Codes – List All That Apply) **6-Digit Code** (Optional)
221

Client to Site Relationship
OWNOP

FACILITY INFORMATION

Modification of Existing Facility	Yes	No
1. **Will this project modify an existing facility, system, or activity?**	☒	☐
2. **Will this project involve an addition to an existing facility, system, or activity?**	☒	☐

If "Yes", check all relevant facility types and provide DEP facility identification numbers below.

	Facility Type	DEP Fac ID#		Facility Type	DEP Fac ID#
☐	Air Emission Plant		☐	Industrial Minerals Mining Operation	
☐	Beneficial Use (water)		☐	Laboratory Location	
☐	Blasting Operation		☐	Land Recycling Cleanup Location	
☐	Captive Hazardous Waste Operation		☐	Mine Drainage Treatment / Land Recycling Project Location	
☐	Coal Ash Beneficial Use Operation		☐	Municipal Waste Operation	
☐	Coal Mining Operation		☐	Oil & Gas Encroachment Location	
☐	Coal Pillar Location		☐	Oil & Gas Location	
☐	Commercial Hazardous Waste Operation		☐	Oil & Gas Water Poll Control Facility	
☐	Dam Location		☐	Public Water Supply System	
☐	Deep Mine Safety Operation -Anthracite		☐	Radiation Facility	
☐	Deep Mine Safety Operation -Bituminous		☐	Residual Waste Operation	
☐	Deep Mine Safety Operation -Ind Minerals		☐	Storage Tank Location	
☐	Encroachment Location (water, wetland)		☐	Water Pollution Control Facility	
☐	Erosion & Sediment Control Facility		☐	Water Resource	
☐	Explosive Storage Location		☒	Other: Natural Gas Transmission	

Latitude/Longitude Point of Origin	Latitude Degrees	Latitude Minutes	Latitude Seconds	Longitude Degrees	Longitude Minutes	Longitude Seconds
See Section 1.1 - GIF Supporting Information						

Horizontal Accuracy Measure	Feet	*--or--*	Meters
Horizontal Reference Datum Code	☐ North American Datum of 1927 ☒ North American Datum of 1983 ☐ World Geodetic System of 1984		
Horizontal Collection Method Code	GISDR		
Reference Point Code	CNTAR		
Altitude	Feet	*--or--*	Meters
Altitude Datum Name	☐ The National Geodetic Vertical Datum of 1929 ☒ The North American Vertical Datum of 1988 (NAVD88)		
Altitude (Vertical) Location Datum Collection Method Code	TOPO		

Geometric Type Code	POINT				
Data Collection Date	2020				
Source Map Scale Number	1	Inch(es)	=	2,000	Feet
--or--		Centimeter(s)	=		Meters

PROJECT INFORMATION

Project Name
Regional Energy Access Expansion Project

Project Description
The Project is an expansion of Transco's existing natural gas transmission system that will enable Transco to provide an incremental 829,400 dekatherms per day (Dth/d) of year-round firm transportation capacity from the Marcellus Shale production area in northeastern Pennsylvania (PA) to multiple delivery points along Transco's Leidy Line in PA, Transco's mainline at the Station 210 Zone 6 Pooling Point in Mercer County, New Jersey (NJ) and multiple delivery points in Transco's Zone 6 in NJ, PA, and Maryland (MD). The Project will consist of the following components:

• Approximately 22.2 miles of 30-inch-diameter pipeline partially collocated with Transco's Leidy Line A from milepost (MP) 0.00 to MP 22.32 in Luzerne County, PA (Regional Energy Lateral);

• Approximately 13.8 miles of 42-inch-diameter pipeline collocated with Transco's Leidy Line System from MP 43.72 to MP 57.50 in Monroe County, PA (Effort Loop);

• New electric motor-driven compressor station identified as Compressor Station 201 with 9,000 nominal horsepower (HP) in Gloucester County, NJ;

• Addition of two gas-fired turbine driven compressor units with 31,800 nominal HP at ISO conditions at existing Compressor Station 505 in Somerset County, NJ, to accommodate the abandonment and replacement of approximately 16,000 HP from eight existing internal combustion engine-driven compressor units and increase the certificated station compression by 15,800 HP;

• Addition of two gas-fired turbine driven compressor units with 63,742 nominal HP at ISO conditions and modification of three existing compressors at existing Compressor Station 515 in Luzerne County, PA to support the Project and to accommodate the abandonment and replacement of approximately 17,000 HP from five existing gas-fired reciprocating engine driven compressors and increase the certificated station compression by 46,742 HP;

• Uprate and rewheel two existing electric motor-driven compressor units at existing Compressor Station 195 in York County, PA to increase the certificated station compression by 6,000 HP and accommodate the abandonment of two existing gas-fired reciprocating engine driven compressors, which total approximately 8,000 HP;

• Modifications at existing Compressor Station 200 in Chester County, PA;

• Uprate one existing electric motor-driven compressor unit at Compressor Station 207 in Middlesex County, NJ to increase the certificated station compression by 4,100 HP;

• Modifications to three (3) existing pipeline tie-ins in PA (Hildebrandt Tie-in, Lower Demunds REL Tie-in, and Carverton Tie-in);

• Addition of regulation controls at an existing valve setting on Transco's Mainline "A" in Bucks County, PA (Mainline A Regulator);

• Modifications at the existing Delaware River Regulator in Northampton County, PA;

• Modifications at the existing Centerville Regulator in Somerset County, NJ;

• Modifications to the existing valves and piping at the Princeton Junction (Station 210 Pooling Point) in Mercer County, NJ;

• Modifications to three (3) existing delivery meter stations in NJ (Camden M&R Station, Lawnside M&R Station, and Mt. Laurel M&R Station);

• Modifications to one (1) existing delivery meter station in MD (Beaver Dam M&R Station);

• Contractual changes (no modifications) at ten (10) existing delivery meter stations in PA and NJ (Algonquin-Centerville Meter Station, Post Road Meter Station, New Village Meter Station, Spruce Run Meter Station, Marcus Hook Meter Station, Ivyland Meter Station, Repaupo Meter Station, Morgan Meter Station, Lower Mud Run Meter Station, and Chesterfield Meter Station);

• Additional ancillary facilities, such as mainline valves (MLVs), cathodic protection, communication facilities, and internal inspection device (e.g., pig) launchers and receivers in PA; and

• Existing, improved, and new access roads and contractor yards/staging areas in PA, NJ, and MD.

In an ongoing effort to reduce its air emissions footprint, Transco is assessing the replacement of vintage gas-fired reciprocating engine driven compressors with more efficient state-of-the-art gas-fired turbine driven compressors. The proposed compression abandonment and replacement scopes at Transco's existing Compressor Station 505 and Compressor Station 515 are part of this effort and have been adopted into the Project scope. Additionally, the uprate and optimization of existing electric motor-driven compression to accommodate abandonment of gas-fired reciprocating engine driven compression at Compressor Station 195 has also been adopted into the Project scope.

The Algonquin-Centerville, Post Road, New Village, Spruce Run, Marcus Hook, Ivyland, Repaupo, Morgan, Lower Mud Run, and Chesterfield Meter Stations can accommodate the contractual changes proposed as part of this Project; therefore, no modifications are proposed at these facilities

Project Consultant Last Name	**First Name**	**MI**	**Suffix**
Nelson	Ryan		

Project Consultant Title	**Consulting Firm**
Senior Project Manager	WHM Consulting, LLC

Mailing Address Line 1	**Mailing Address Line 2**
2525 Green Tech Drive; Suite B	

Address Last Line – City	**State**	**ZIP+4**
State College	PA	16803

Phone	**Ext**	**FAX**	**Email Address**
(814) 689-1650	102		ryann@whmgroup.com

Time Schedules	**Project Milestone (Optional)**
March 2021	Submit 401 WQC
April 2021	Submit Chapter 102 / 105 Permits
2nd Quarter of 2023	Commence Construction
4th Quarter 2024	In-service Date

1. Is the project located in or within a 0.5-mile radius of an Environmental Justice community as defined by DEP? ☒ Yes ☐ No

To determine if the project is located in or within a 0.5-mile radius of an environmental justice community, please use the online Environmental Justice Areas Viewer.

2. Have you informed the surrounding community prior to submitting the application to the Department? ☒ Yes ☐ No

Method of notification:

1) Open house schedule mailed to affected parties;

2) Newspaper advertisements of open houses placed in newspapers of general circulation in the Project area;

3) Open houses (a mixture of virtual and in-person) held in the county of each major project scope item;
4) Newspaper advertisements prior to commencement of construction, which will be placed in those same publications;
5) Notification to businesses potentially affected by construction;
6) Designation of a point of contact for stakeholder communication;
7) A Project toll free telephone number for public inquiries; and
•8) A Project website with periodic updates of relevant information.

3. Have you addressed community concerns that were identified? ☒ Yes ☐ No ☐ N/A

If no, please briefly describe the community concerns that have been expressed and not addressed.

4. Is your project funded by state or federal grants? ☐ Yes ☒ No

Note: If "Yes", specify what aspect of the project is related to the grant and provide the grant source, contact person and grant expiration date.

Aspect of Project Related to Grant
Grant Source: _____
Grant Contact Person: _____
Grant Expiration Date: _____

5. Is this application for an authorization on Appendix A of the Land Use Policy? (For referenced list, see Appendix A of the Land Use Policy attached to GIF instructions) ☒ Yes ☐ No

Note: If "No" to Question 5, the application is not subject to the Land Use Policy.
If "Yes" to Question 5, the application is subject to this policy and the Applicant should answer the additional questions in the **Land Use Information** section.

LAND USE INFORMATION

Note: Applicants should submit copies of local land use approvals or other evidence of compliance with local comprehensive plans and zoning ordinances.

1.	**Is there an adopted county or multi-county comprehensive plan?**	☒	Yes	☐	No
2.	**Is there a county stormwater management plan?**	☒	Yes	☐	No
3.	**Is there an adopted municipal or multi-municipal comprehensive plan?**	☒	Yes	☐	No
4.	**Is there an adopted county-wide zoning ordinance, municipal zoning ordinance or joint municipal zoning ordinance?**	☒	Yes	☐	No
5.	**Does the proposed project meet the provisions of the zoning ordinance or does the proposed project have zoning approval?** If zoning approval has been received, attach documentation.	☒	Yes	☐	No
6.	**Have you attached Municipal and County Land Use Letters for the project?**	☐	Yes	☒	No

Note: If the Applicant answers "No" to either Questions 1, 3 or 4, the provisions of the PA MPC are not applicable and the Applicant does not need to respond to questions 5 and 6 below.
If the Applicant answers "Yes" to questions 1, 3 and 4, the Applicant should respond to questions 5 and 6 below.

* This Project is regulated by the Federal Energy Regulatory Commission (FERC) under the Natural Gas Act. FERC has exclusive jurisdiction over siting of the Project, therefore, local zoning is preempted.

COORDINATION INFORMATION

Note: The PA Historical and Museum Commission must be notified of proposed projects in accordance with DEP Technical Guidance Document 012-0700-001 utilizing the Project Review Form.

If the activity will be a mining project (i.e., mining of coal or industrial minerals, coal refuse disposal and/or the operation of a coal or industrial minerals preparation/processing facility), respond to questions 1.0 through 2.5 below.

If the activity will not be a mining project, skip questions 1.0 through 2.5 and begin with question 3.0.

1.0	**Is this a coal mining project?** If "Yes", respond to 1.1-1.6. If "No", skip to Question 2.0.	☐	Yes	☒	No
1.1	**Will this coal mining project involve coal preparation/ processing activities in which the total amount of coal prepared/processed will be equal to or greater than 200 tons/day?**	☐	Yes	☐	No
1.2	**Will this coal mining project involve coal preparation/ processing activities in which the total amount of coal prepared/processed will be greater than 50,000 tons/year?**	☐	Yes	☐	No
1.3	**Will this coal mining project involve coal preparation/ processing activities in which thermal coal dryers or pneumatic coal cleaners will be used?**	☐	Yes	☐	No
1.4	**For this coal mining project, will sewage treatment facilities be constructed and treated waste water discharged to surface waters?**	☐	Yes	☐	No
1.5	**Will this coal mining project involve the construction of a permanent impoundment meeting one or more of the following criteria: (1) a contributory drainage area exceeding 100 acres; (2) a depth of water measured by the upstream toe of the dam at maximum storage elevation exceeding 15 feet; (3) an impounding capacity at maximum storage elevation exceeding 50 acre-feet?**	☐	Yes	☐	No
1.6	**Will this coal mining project involve underground coal mining to be conducted within 500 feet of an oil or gas well?**	☐	Yes	☐	No
2.0	**Is this a non-coal (industrial minerals) mining project?** If "Yes", respond to 2.1-2.6. If "No", skip to Question 3.0.	☐	Yes	☒	No
2.1	**Will this non-coal (industrial minerals) mining project involve the crushing and screening of non-coal minerals other than sand and gravel?**	☐	Yes	☐	No
2.2	**Will this non-coal (industrial minerals) mining project involve the crushing and/or screening of sand and gravel with the exception of wet sand and gravel operations (screening only) and dry sand and gravel operations with a capacity of less than 150 tons/hour of unconsolidated materials?**	☐	Yes	☐	No
2.3	**Will this non-coal (industrial minerals) mining project involve the construction, operation and/or modification of a portable non-metallic (i.e., non-coal) minerals processing plant under the authority of the General Permit for Portable Non-metallic Mineral Processing Plants (i.e., BAQ-PGPA/GP-3)?**	☐	Yes	☐	No
2.4	**For this non-coal (industrial minerals) mining project, will sewage treatment facilities be constructed and treated waste water discharged to surface waters?**	☐	Yes	☐	No
2.5	**Will this non-coal (industrial minerals) mining project involve the construction of a permanent impoundment meeting one or more of the following criteria: (1) a contributory drainage area exceeding 100 acres; (2) a depth of water measured by the upstream toe of the dam at maximum storage elevation exceeding 15 feet; (3) an impounding capacity at maximum storage elevation exceeding 50 acre-feet?**	☐	Yes	☐	No

3.0	**Will your project, activity, or authorization have anything to do with a well related to oil or gas production, have construction within 200 feet of, affect an oil or gas well, involve the waste from such a well, or string power lines above an oil or gas well?** If "Yes", respond to 3.1-3.3. If "No", skip to Question 4.0.	☐	Yes	☒	No
3.1	**Does the oil- or gas-related project involve any of the following: placement of fill, excavation within or placement of a structure, located in, along, across or projecting into a watercourse, floodway or body of water (including wetlands)?**	☐	Yes	☐	No
3.2	**Will the oil- or gas-related project involve discharge of industrial wastewater or stormwater to a dry swale, surface water, ground water or an existing sanitary sewer system or storm water system?** If "Yes", discuss in *Project Description*.	☐	Yes	☐	No
3.3	**Will the oil- or gas-related project involve the construction and operation of industrial waste treatment facilities?**	☐	Yes	☐	No
4.0	**Will the project involve a construction activity that results in earth disturbance?** If "Yes", specify the total disturbed acreage.	☒	Yes	☐	No
	4.0.1 Total Disturbed Acreage + / - 672				
	4.0.2 Will the project discharge or drain to a special protection water (EV or HQ) or an EV wetland?	☒	Yes	☐	No
	4.0.3 Will the project involve a construction activity that results in earth disturbance in the area of the earth disturbance that are contaminated at levels exceeding residential or non-residential medium-specific concentrations (MSCs) in 25 Pa. Code Chapter 250 at residential or non-residential construction sites, respectively?	☐	Yes	☒	No
5.0	**Does the project involve any of the following: water obstruction and/or encroachment, wetland impacts, or floodplain project by the Commonwealth/political subdivision or public utility?** If "Yes", respond to 5.1-5.7. If "No", skip to Question 6.0.	☒	Yes	☐	No
5.1	**Water Obstruction and Encroachment Projects – Does the project involve any of the following: placement of fill, excavation within or placement of a structure, located in, along, across or projecting into a watercourse, floodway or body of water?**	☒	Yes	☐	No
5.2	**Wetland Impacts – Does the project involve any of the following: placement of fill, excavation within or placement of a structure, located in, along, across or projecting into a wetland?**	☒	Yes	☐	No
5.3	**Floodplain Projects by the Commonwealth, a Political Subdivision of the Commonwealth or a Public Utility – Does the project involve any of the following: placement of fill, excavation within or placement of a structure, located in, along, across or projecting into a floodplain?**	☐	Yes	☒	No
5.4	**Is your project an interstate transmission natural gas pipeline?**	☒	Yes	☐	No
5.5	**Does your project consist of linear construction activities which result in earth disturbance in two or more DEP regions AND three or more counties?**	☒	Yes	☐	No
5.6	**Does your project utilize Floodplain Restoration as a best management practice for Post Construction Stormwater Management?**	☐	Yes	☒	No
5.7	**Does your project utilize Class V Gravity / Injection Wells as a best management practice for Post Construction Stormwater Management?**	☐	Yes	☒	No
6.0	**Will the project involve discharge of construction related stormwater to a dry swale, surface water, ground water or separate storm water system?**	☒	Yes	☐	No

6.1	**Will the project involve discharge of industrial waste stormwater or wastewater from an industrial activity or sewage to a dry swale, surface water, ground water or an existing sanitary sewer system or separate storm water system?**	☒	Yes	☐	No
7.0	**Will the project involve the construction and operation of industrial waste treatment facilities?**	☐	Yes	☒	No
8.0	**Will the project involve construction of sewage treatment facilities, sanitary sewers, or sewage pumping stations?** If "Yes", indicate estimated proposed flow (gal/day). Also, discuss the sanitary sewer pipe sizes and the number of pumping stations/treatment facilities/name of downstream sewage facilities in the *Project Description*, where applicable.	☐	Yes	☒	No
	8.0.1 Estimated Proposed Flow (gal/day)				
9.0	**Will the project involve the subdivision of land, or the generation of 800 gpd or more of sewage on an existing parcel of land or the generation of an additional 400 gpd of sewage on an already-developed parcel, or the generation of 800 gpd or more of industrial wastewater that would be discharged to an existing sanitary sewer system?**	☐	Yes	☒	No
	9.0.1 Was Act 537 sewage facilities planning submitted and approved by DEP? If "Yes" attach the approval letter. Approval required prior to 105/NPDES approval.	☐	Yes	☐	No
10.0	**Is this project for the beneficial use of biosolids for land application within Pennsylvania?** If "Yes" indicate how much (i.e. gallons or dry tons per year).	☐	Yes	☒	No
	10.0.1 Gallons Per Year (residential septage)				
	10.0.2 Dry Tons Per Year (biosolids)				
11.0	**Does the project involve construction, modification or removal of a dam?** If "Yes", identify the dam.	☐	Yes	☒	No
	11.0.1 Dam Name				
12.0	**Will the project interfere with the flow from, or otherwise impact, a dam?** If "Yes", identify the dam.	☐	Yes	☒	No
	12.0.1 Dam Name				
13.0	**Will the project involve operations (excluding during the construction period) that produce air emissions (i.e., NOX, VOC, etc.)?**	☒	Yes	☐	No
	13.0.1 If "Yes", is the operation subject to the agricultural exemption in 35 P.S. § 4004.1?	☐	Yes	☒	No

13.0.2 If the answer to 13.0.1 is "No", identify each type of emission followed by the estimated amount of that emission.

Enter all types & amounts of emissions; separate each set with semicolons.

Summary of Compressor Station 515 Estimated Net Operational Potential to Emit (PTE): NOx - 196.8; CO - 314.40; VOC - 50.6; SO2 - 14.0; PM10/PM2.5 - 30.6; Single HAP (formaldehyde)- 8.7; Total HAP - 12.2; CO2e - 511,413 = Annual (tpy)

Summary of Pipeline and M&R Station Estimated Operational Potential to Emit (PTE): VOC - 1.17; Single HAP - 0.20; Total HAP - 0.20; CO2e - 5460.47 = Annual (tpy)

Modifications to Compressor Station 195 and Compressor Station 200 only include uprating existing electric motor-driven compression capacity or piping and valve modifications; therefore, Transco anticipates these facilities will have insignificant operational emissions.

14.0	**Does the project include the construction or modification of a drinking water supply to serve 15 or more connections or 25 or more people, at least 60 days out of the year?** If "Yes", check all proposed sub-facilities.	☐	Yes	☒	No
	14.0.1 Number of Persons Served _____				
	14.0.2 Number of Employee/Guests _____				
	14.0.3 Number of Connections _____				
	14.0.4 Sub-Fac: Distribution System	☐	Yes	☐	No
	14.0.5 Sub-Fac: Water Treatment Plant	☐	Yes	☐	No
	14.0.6 Sub-Fac: Source	☐	Yes	☐	No
	14.0.7 Sub-Fac: Pump Station	☐	Yes	☐	No
	14.0.8 Sub Fac: Transmission Main	☐	Yes	☐	No
	14.0.9 Sub-Fac: Storage Facility	☐	Yes	☐	No
15.0	**Will your project include infiltration of storm water or waste water to ground water within one-half mile of a public water supply well, spring or infiltration gallery?**	☒	Yes	☐	No
16.0	**Is your project to be served by an existing public water supply?** If "Yes", indicate name of supplier and attach letter from supplier stating that it will serve the project.	☐	Yes	☒	No
	16.0.1 Supplier's Name _____				
	16.0.2 Letter of Approval from Supplier is Attached	☐	Yes	☐	No
17.0	**Will this project be served by on-lot drinking water wells?**	☐	Yes	☒	No
18.0	**Will this project involve a new or increased drinking water withdrawal from a river, stream, spring, lake, well or other water bod(ies)?** If "Yes", reference Safe Drinking Water Program.	☐	Yes	☒	No
	18.0.1 Source Name				
19.0	**Will the construction or operation of this project involve treatment, storage, reuse, or disposal of waste?** If "Yes", indicate what type (i.e., hazardous, municipal (including infectious & chemotherapeutic), residual) and the amount to be treated, stored, re-used or disposed.	☐	Yes	☒	No
	19.0.1 Type & Amount				
20.0	**Will your project involve the removal of coal, minerals, contaminated media, or solid waste as part of any earth disturbance activities?**	☐	Yes	☒	No
21.0	**Does your project involve installation of a field constructed underground storage tank?** If "Yes", list each Substance & its Capacity. **Note:** Applicant may need a Storage Tank Site Specific Installation Permit.	☐	Yes	☒	No
	21.0.1 Enter all substances & capacity of each; separate each set with semicolons.				
22.0	**Does your project involve installation of an aboveground storage tank greater than 21,000 gallons capacity at an existing facility?** If "Yes", list each Substance & its Capacity. **Note:** Applicant may need a Storage Tank Site Specific Installation Permit.	☐	Yes	☒	No
	22.0.1 Enter all substances & capacity of each; separate each set with semicolons.				
23.0	**Does your project involve installation of a tank greater than 1,100 gallons which will contain a highly hazardous substance as defined in DEP's Regulated Substances List, 2570-BK-DEP2724?** If "Yes", list each Substance & its Capacity. **Note:** Applicant may need a Storage Tank Site Specific Installation Permit.	☐	Yes	☒	No
	23.0.1 Enter all substances & capacity of each; separate each set with semicolons.				

24.0	**Does your project involve installation of a storage tank at a new facility with a total AST capacity greater than 21,000 gallons?** If "Yes", list each Substance & its Capacity. **Note:** Applicant may need a Storage Tank Site Specific Installation Permit. **24.0.1 Enter all substances & capacity of each; separate each set with semicolons.**	☐	Yes	☒	No

NOTE: If the project includes the installation of a regulated storage tank system, including diesel emergency generator systems, the project may require the use of a Department Certified Tank Handler. For a full list of regulated storage tanks and substances, please go to www.dep.pa.gov search term storage tanks

25.0	**Will the intended activity involve the use of a radiation source?**	☐	Yes	☒	No

CERTIFICATION

I certify that I have the authority to submit this application on behalf of the applicant named herein and that the information provided in this application is true and correct to the best of my knowledge and information.

For applicants supplying an EIN number: I am applying for a permit or authorization from the Pennsylvania Department of Environmental Protection (DEP). As part of this application, I will provide DEP with an accurate EIN number for the applicant entity. By filing this application with DEP, I hereby authorize DEP to confirm the accuracy of the EIN number provided with the Pennsylvania Department of Revenue. As applicant, I further consent to the Department of Revenue discussing the same with DEP prior to issuance of the Commonwealth permit or authorization.

Type or Print Name Joseph Dean

Signature	Title	Date
	Manager, Permitting	02/24/2022

GIF Supporting Information

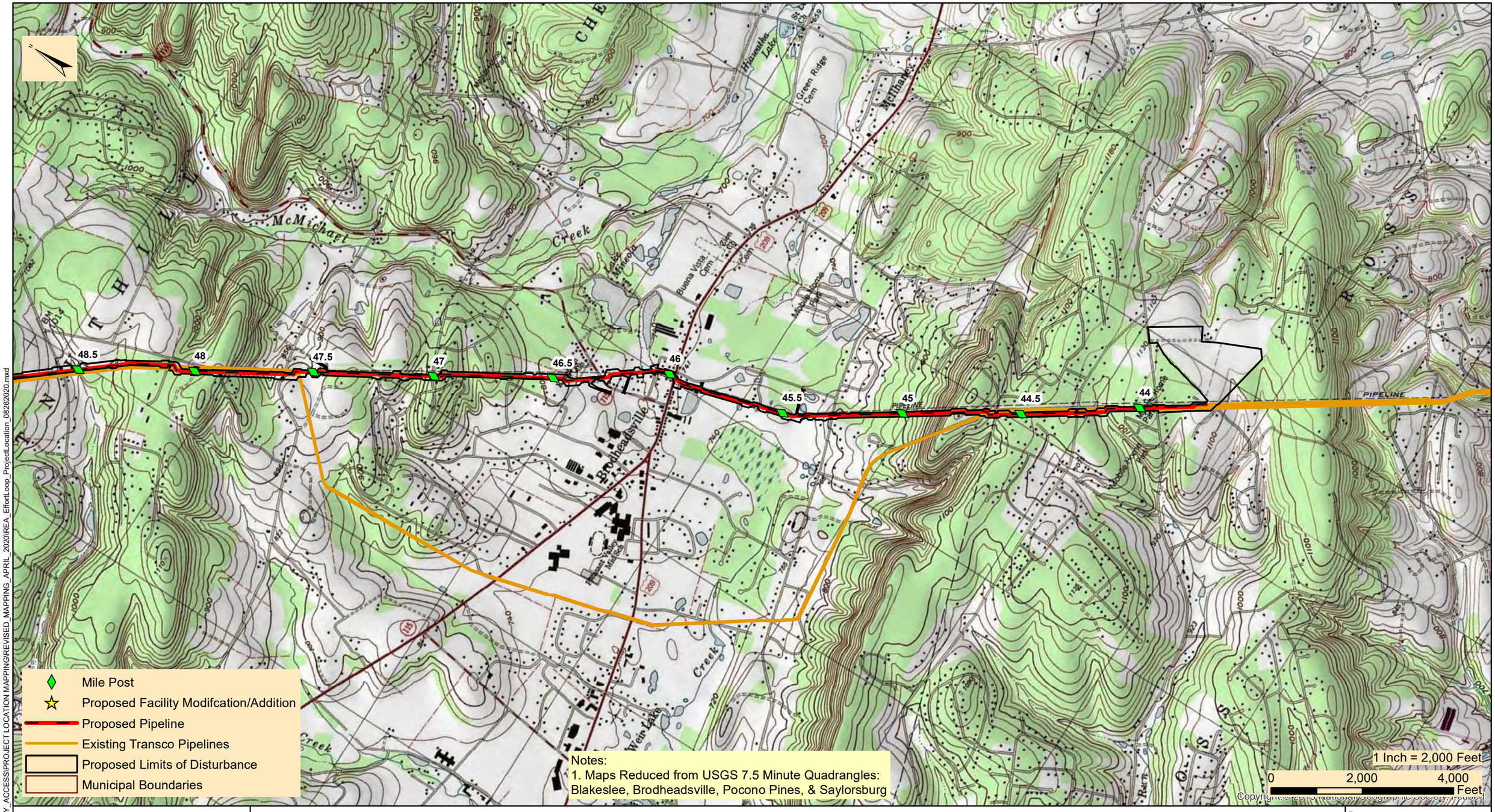
Project Component	Site	Site Location City	ZIP Code	Detailed Written Directions to Site	Latitude / Longitude
Effort Loop	Eastern Terminus	Saylorsburg	18353	From 209: heading East – Turn Right onto Frable Rd/T432. Follow for 1.7 miles. Turn Right onto Meixsell Valley Road/T361. Follow for .2 miles then turn left. Destination is in ~340 feet. Heading West-Turn Left onto Rte 115. Follow for 1.1 miles, then turn right onto Meixsell Valley Rd/T361. Continue for 1.4 miles then turn left. Destination is in ~340 feet.	40.896796, -75.370606
	Western Terminus	Long Pond	18334	From I-80: Heading East- Take exit 284 for PA-115 towards Blakeslee. Keep right at the fork, follow signs for Lake Harmony/Brodheadsville and merge on PA-115 S. Follow for 3.2 miles. Turn Left onto Long Pond Road. Destination will be in ~.2 miles. Heading West- Take exit 384 for PA-115 S. Turn left onto PA-115 S. Follow for 3.4 miles. Turn Left onto Long Pond Rd. Destination will be in ~.2 miles.	41.053413, -75.526178
Regional Energy Lateral	Eastern Terminus	White Haven	18661	From I-80: Heading West-Take exit 284 towards Blakeslee. Merge onto PA-115 N. Follow for 8.2 Miles. Turn Right onto Ridgeway Ave. Destination will be in .2 miles. Heading East- Take exit 284 towards Blakeslee. Turn left onto PA-115 N. Follow for 8.4 miles. Turn Right onto Ridgeway Ave. Destination will be in .2 miles. From I-476: Heading South- Take exit 105 to merge onto PA-115 S. Follow PA-115 S for 8.4 miles. Turn left onto Ridgeway Ave. Destination will be in .2 Miles	41.173337, -75.671706
	Western Terminus	Dallas	18612	From PA-309: Heading South-Head South on PA-309 S toward Dallas RV and MHP. Turn Left onto Hildebrandt Rd. Follow for .4 miles then turn right onto Conyngham Ave. Follow for .4 miles. Continue onto Fairground Road. Destination will be to the left in .2 Miles. Heading North-Head North on PA-309 N toward Grandview Ave. Turn right onto Hildebrandt Rd. Follow for .4 miles then turn right onto Conyngham Ave. Follow for .4 miles. Continue onto Fairground Road. Destination will be to the left in .2 Miles.	41.346917, -75.946263
Compressor Station 515		White Haven	18661	Same as REL Eastern Terminus	41.173337, -75.671706
Compressor Station 200		Frazer	19355	From I-76: East Bound- Take exit 312 toward PA-100 S/Pottstown Pike (Toll Rd). Keep left at the fork and follow signs for PA-100 S/Downingtown and merge onto PA-100 S/Pottstown Pike. Follow for 2.5 miles. Turn left onto N. Ship Rd and follow for .6 miles. Turn left onto Valley Hill Rd and follow for 1.7 miles. Turn right onto PA-401 E. Follow for .5 miles then turn right onto Bacton Hill Rd. Destination will be in .5 Miles. Heading West-Take exit 320 toward Melvern Turn left onto PA-29 S. Turn right at the 1st cross street onto Flat Rd. Turn right onto Sidley Road and then in .4 miles, turn left onto Phoenixville Pike. In .9 miles turn right onto PA-401 W and follow for 1 mile. Turn left onto N. Bacton Hill Road. Destination will be on the right in .5 miles.	40.049969, -75.585849
Delaware River Regulator/Lower Mud Run Meter Station		Easton	18040	To Delaware River Regulator- From 22: East Bound- Take the 4th Street/PA-248 Exit toward PA-611. Turn Left onto PA-248 E/Bushkill St. Follow for .4 miles then turn left onto PA-611 N. Keep right to continue on PA-611 N/N Delaware Dr and follow for 5 miles. Turn Left onto Lower Mud Run Rd. Destination will be on the left in .4 miles. To Lower Mud Run Meter Station- Head +/- 200' northwest from the Delaware River Regulator. The site is immediately adjacent to Delaware River Regulator.	40.762166, -75.19644/ 40.762706, -75.197631
Main Line A Regulator		Washington Crossing	18977	From I-295: Take exit 10 toward New Hope. Turn left onto Taylorsville Rd. Continue straight to stay on Taylorsville Rd. In .9 miles turn right onto Mt Eyre Rd. Follow for .2 miles then turn right onto PA-32 S. The destination will be on the right in 407 feet.	40.268063, -74.857125

Transcontinental Gas Pipe Line Company, LLC

Requirement I – Project Location Map

Regional Energy Access Expansion Project – Effort Loop

April 2021
(Revised March 2022)



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TRANSCONTINENTAL GAS PIPE LINE COMPANY, LLC

REGIONAL ENERGY ACCESS EXPANSION PROJECT

PROPOSED 42" LEIDY D EFFORT LOOP

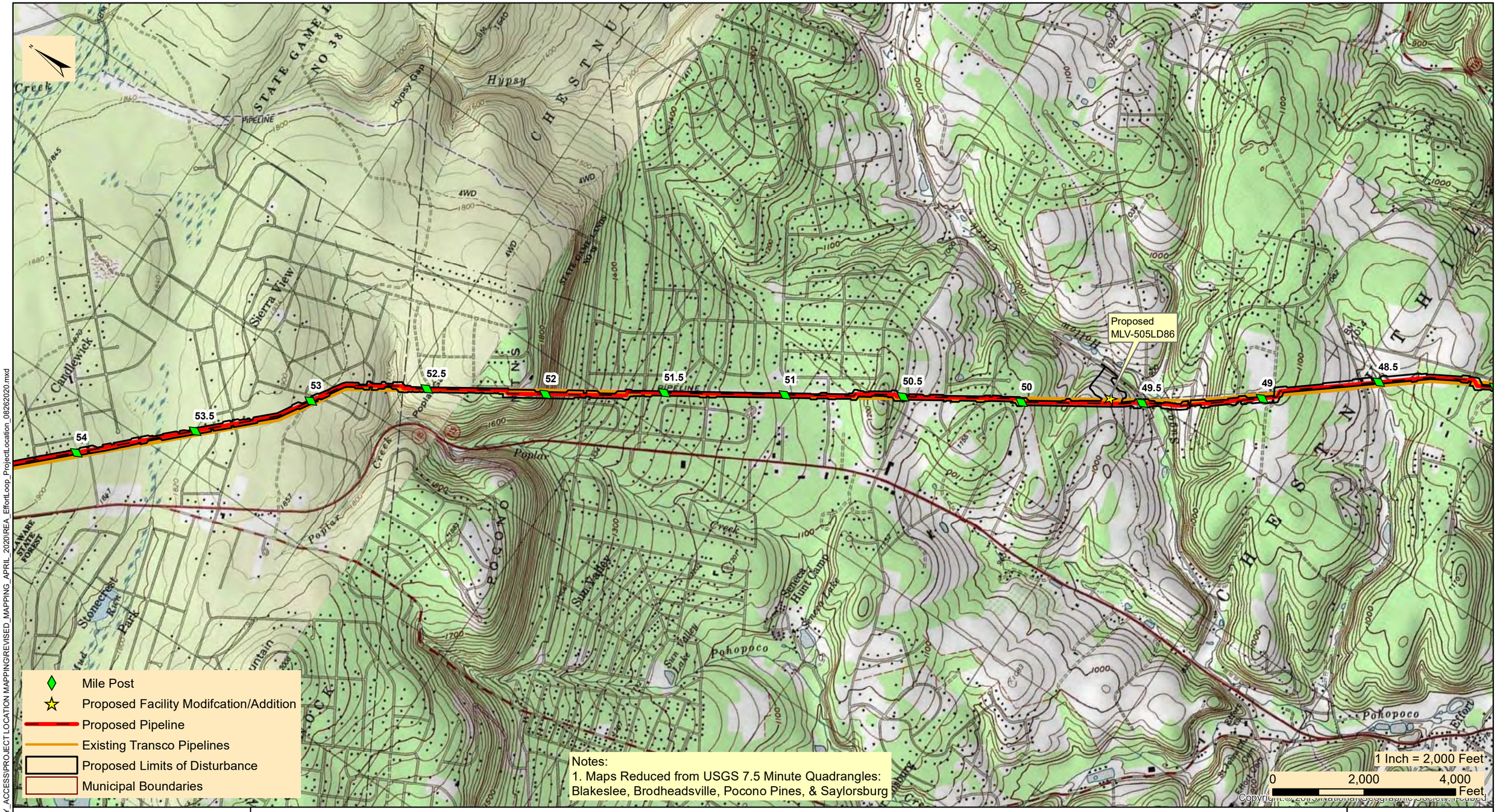
PROJECT LOCATION MAP

CHESTNUT HILL & ROSS TOWNSHIP | MONROE COUNTY | PENNSYLVANIA

Date: 2/10/2022

Drawn By: FTN

Figure Number: EL-1



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TRANSCONTINENTAL GAS PIPE LINE COMPANY, LLC

REGIONAL ENERGY ACCESS EXPANSION PROJECT

PROPOSED 42" LEIDY D EFFORT LOOP

PROJECT LOCATION MAP

CHESTNUT HILL & TUNKHANNOCK TOWNSHIP | MONROE COUNTY | PENNSYLVANIA

Date: 2/10/2022

Drawn By: FTN

Figure Number: EL-2

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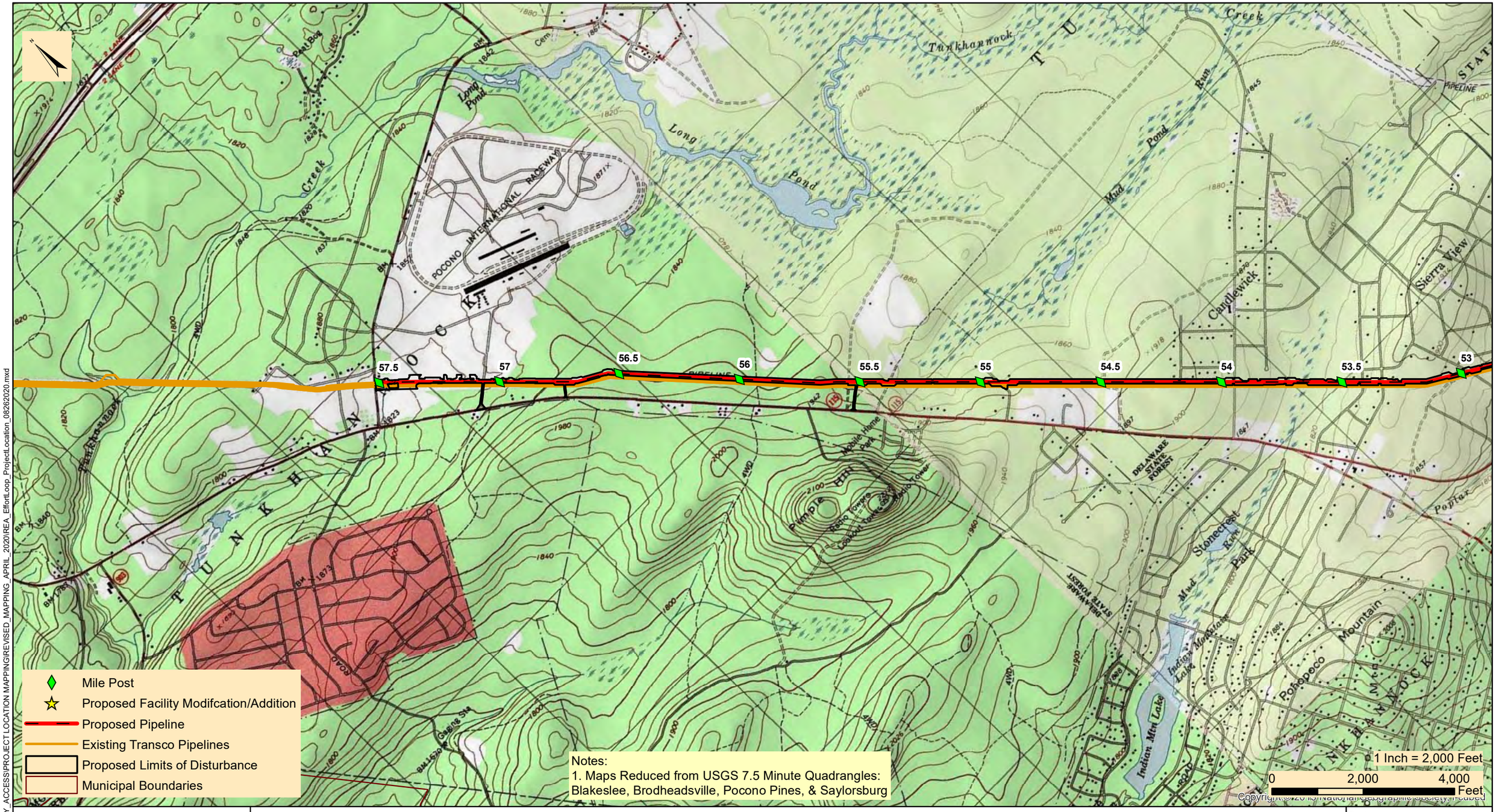

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TRANSCONTINENTAL GAS PIPE LINE COMPANY, LLC

REGIONAL ENERGY ACCESS EXPANSION PROJECT

PROPOSED 42" LEIDY D EFFORT LOOP

PROJECT LOCATION MAP

TUNKHANNOCK TOWNSHIP | MONROE COUNTY | PENNSYLVANIA

Date: 2/10/2022

Drawn By: FTN

Figure Number: EL-3

COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
BUREAU OF CLEAN WATER

MUNICIPAL NOTIFICATION OF PLANNED LAND DEVELOPMENT FOR CHAPTER 102 PERMITS

PROJECT INFORMATION (COMPLETED BY APPLICANT)

Applicant Name:	**Transcontinental Gas Pipe Line Company, a subsidiary of Williams Partners, L.P.**	Contact Name:	**Joseph Dean** **Manager-Permitting**
Applicant Address:	**2800 Post Oak Blvd, Level 11**	Contact Phone:	**(713) 215-3427**
Applicant City, State, ZIP:	**Houston, TX 77056**	County:	**Monroe**
		Municipality:	**Tunkhannock**

Description of Proposed Land Development and Stormwater Controls:

The Effort Loop component of the Regional Energy Access Expansion Project will consist of approximately 13.8 miles of 42-inch pipeline co-located with existing Transco Leidy Lines between Mileposts 43.72 and 57.50 in Ross, Chestnuthill and Tunkhannock Townships, Monroe County. The new pipeline will tie-in to the existing 42-in Leidy Line "D" on both ends, completing the segment. With the segment completed, the existing pig traps (industry term for manifolds that launch or receive in-line inspection tools) at both tie-ins will no longer be needed and will therefore be removed, while the existing mainline valves will remain. Transco will be installing a new mainline valve and appurtenant equipment at Milepost 49.6 off of Sugar Hollow Road. The valve installation is a means to isolate gas flows. One Contractor Yard is proposed at the east end of the pipeline at MP 43.72. One remote anode groundbed is proposed at MP 43.72. E&S BMP's are proposed in Tunkhannock Township.

Project Area: **105.56** acres ☐ Phased

Disturbance: **68.80** acres

Tax Parcel ID(s) Affected by Proposed Land Development:

See attached table.

Surface Waters Receiving Stormwater Discharges:

Mud Run, Mud Pond Run, Poplar Creek, Tunkhannock Creek

Discharge to: ☐ MS4 ☐ Other SS ☐ CSS

The following information was submitted to the municipality for this project:

☐ Land Development / Subdivision Plan ☒ E&S Plan ☐ PCSM Plan ☐ Other:

***On March 31, 2021 Transco submitted to you its E&S and PCSM Plans (Plans) as part of the ESCGP-3 permit application notification. The purpose of this notice is to let you know that Transco will be submitting an Erosion and Sediment Control Permit for Discharges of Stormwater Associated with Construction Activities Application to the PA Dept. of Environmental Protection to replace the ESCGP-3 application. Please refer to the previously submitted Plans.**

MUNICIPAL PLAN / ORDINANCE INFORMATION (COMPLETED BY MUNICIPALITY)		
1. Is there an adopted municipal or multi-municipal comprehensive plan?	☐ Yes	☐ No
2. Is there an enacted municipal or multi-municipal zoning ordinance?	☐ Yes	☐ No
3. If Yes to #2, is the proposed project consistent with the ordinance?	☐ Yes	☐ No
4. Is there a municipal stormwater management ordinance?	☐ Yes	☐ No
5. If Yes to #4, is the proposed project consistent with the ordinance, without waiver?	☐ Yes	☐ No

6. If Yes to #4, indicate type of ordinance: ☐ Act 167 Model Ordinance ☐ DEP Model Ordinance (MS4s) ☐ Other

APPLICANT CERTIFICATION	MUNICIPAL ACKNOWLEDGEMENT
I certify under penalty of law (see 18 Pa.C.S. § 4904 (relating to unsworn falsification)) that the information reported herein was prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the information, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.	The municipality acknowledges that a permit application for the above-referenced project has been submitted to a reviewing agency and that notification requirements of Act 14 of 1984 and Acts 67, 68, and 127 of 2000 have been satisfied. The information reported herein by the municipality is true and accurate. The municipality reserves the right to comment to the reviewing agency relative to comprehensive plans, zoning, and stormwater ordinance consistency. Municipal acknowledgment of receipt of notification shall not be construed as project approval.

Joseph Dean

Applicant Name

Municipal Representative Name

Applicant Signature

Municipal Representative Signature

Manager - Permitting

Applicant Title

Municipal Representative Title

07/012021

Date of Signature

Date of Signature

Tax Account Number / APN	Legal Desc County	Municipality
20/10/1/2	Monroe	Tunkhannock
20/11/1/53	Monroe	Tunkhannock
20/11/1/56	Monroe	Tunkhannock
20/111968	Monroe	Tunkhannock
20/111969	Monroe	Tunkhannock
20/113985	Monroe	Tunkhannock
20/3A/1/101	Monroe	Tunkhannock
20/3A/1/102	Monroe	Tunkhannock
20/3A/1/103	Monroe	Tunkhannock
20/3A/1/121	Monroe	Tunkhannock
20/3A/1/122	Monroe	Tunkhannock
20/3A/1/123	Monroe	Tunkhannock
20/3A/1/124	Monroe	Tunkhannock
20/3A/1/125	Monroe	Tunkhannock
20/3A/1/126	Monroe	Tunkhannock
20/3A/1/130	Monroe	Tunkhannock
20/3A/1/131	Monroe	Tunkhannock
20/3A/1/17	Monroe	Tunkhannock
20/3A/1/83	Monroe	Tunkhannock
20/3A/1/84	Monroe	Tunkhannock
20/7/1/13	Monroe	Tunkhannock
20/7/1/14-13	Monroe	Tunkhannock
20/7/1/14-24	Monroe	Tunkhannock
20/7/1/14-3	Monroe	Tunkhannock
20/7/1/14-7	Monroe	Tunkhannock
20/7/1/17	Monroe	Tunkhannock
20/7/1/17-1	Monroe	Tunkhannock
20/7/1/18	Monroe	Tunkhannock
20/7/1/2	Monroe	Tunkhannock
20/7A/1/2	Monroe	Tunkhannock
20/7A/1/3	Monroe	Tunkhannock
20/7A/1/4	Monroe	Tunkhannock
20/7A/1/5	Monroe	Tunkhannock
20/7A/1/6	Monroe	Tunkhannock
20/7A/1/7	Monroe	Tunkhannock
20/7A/1/8	Monroe	Tunkhannock
20/7A/1/9	Monroe	Tunkhannock
20/8/1/7	Monroe	Tunkhannock
20/86198	Monroe	Tunkhannock
20/86206	Monroe	Tunkhannock
20/86207	Monroe	Tunkhannock

20/86525	Monroe	Chestnuthill and Tunkhannock
20/8A/2/10	Monroe	Tunkhannock
20/8A/2/14	Monroe	Tunkhannock
20/8A/2/29	Monroe	Tunkhannock
20/8A/2/30	Monroe	Tunkhannock
20/8A/2/32	Monroe	Tunkhannock
20/8A/2/33	Monroe	Tunkhannock
20/8A/2/34	Monroe	Tunkhannock
20/8A/2/42	Monroe	Tunkhannock
20/8A/2/43	Monroe	Tunkhannock
20/8A/2/44	Monroe	Tunkhannock
20/8A/2/45	Monroe	Tunkhannock
20/8A/2/7	Monroe	Tunkhannock
20/8J/1/17	Monroe	Tunkhannock
20/8J/1/18	Monroe	Tunkhannock
20/8J/1/19	Monroe	Tunkhannock
20/8J/1/20	Monroe	Tunkhannock
20/8J/1/30	Monroe	Tunkhannock
20/8J/1/47	Monroe	Tunkhannock
20/8J/1/48	Monroe	Tunkhannock
20/8J/1/55	Monroe	Tunkhannock
20/8J/1/56	Monroe	Tunkhannock
20/92731	Monroe	Tunkhannock
20/94409	Monroe	Tunkhannock
N/A	Monroe	Tunkhannock

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March 31, 2021

UPS TRACKING (1Z8797VV0394479597)

Tunkhannock Township Supervisors
P.O. Box 203
1557 Long Pond Road
Long Pond, PA 18334

Re: Regional Energy Access Expansion Project – Effort Loop
Pennsylvania Acts 14, 67, 68, and 127 Notification
Chestnuthill, Ross, and Tunkhannock Townships, Monroe County, Pennsylvania

Dear Township Supervisors:

This municipal notice, under the requirements of Act 14, 97 P.S. § 510-5, is to inform you that Transcontinental Gas Pipe Line Company, LLC (Transco), a subsidiary of The Williams Companies, Inc. (Williams) is applying for coverage under the Erosion and Sediment Control General Permit (ESCGP-3) for Earth Disturbance Associated with Oil & Gas Exploration, Production, Processing or Treatment Operations or Transmission Facilities from the Pennsylvania Department of Environmental Protection (DEP).

1) Project Name: Regional Energy Access Expansion Project – Effort Loop

2) Project Description: Transco, indirectly owned by The Williams Companies, Inc. (Williams), is seeking authorization from the Federal Energy Regulatory Commission (FERC or Commission) under Section 7(c) of the Natural Gas Act and Part 157 of the Commission's regulations, to construct, own, operate, and maintain the proposed Project facilities. The Project is an expansion of Transco's existing natural gas transmission system that will enable Transco to provide an incremental 829,400 dekatherms per day (Dth/d) of year-round firm transportation capacity from the Marcellus Shale production area in northeastern Pennsylvania (PA) to multiple delivery points along Transco's Leidy Line in PA, Transco's mainline at the Station 210 Zone 6 Pooling Point in Mercer County, New Jersey (NJ) and multiple delivery points in Transco's Zone 6 in NJ, PA, and Maryland (MD).

The Effort Loop component of the Project will consist of approximately 13.8 miles of 42-inch pipeline co-located with existing Transco Leidy Lines between Mileposts 43.72 and 57.50 in Ross, Chestnuthill and Tunkhannock Townships, Monroe County. The new pipeline will tie-in to the existing 42-in Leidy Line "D" on both ends, completing the segment. With the segment completed, the existing pig traps (industry term for manifolds that launch or receive in-line inspection tools) at both tie-ins will no longer be needed and will therefore be removed, while the existing mainline valves will remain. Transco will be installing a new mainline valve and appurtenant equipment at Milepost 49.6 off of Sugar Hollow Road. The valve installation is a means to isolate gas flows. One Contractor Yard is proposed at the east end of the pipeline at MP 43.72. One remote anode groundbed is proposed at MP 43.72.

3) Applicant Name: Transcontinental Gas Pipe Line Company, LLC's (Transco), a subsidiary of Williams Partners L.P. (Williams)

4) Applicant Contact: Joseph Dean
Environmental Manager
2800 Post Oak Blvd, Level 11
Houston, TX 77056
(713) 215-3417

5) Site Location: The proposed Project is located on the Blakeslee, Pocono Pines, Brodheadsville and Saylorsburg, Pennsylvania, 7.5 Minute USGS quadrangle. The Project is co-located with an existing pipeline right-of-way. The western terminus of the Effort Loop is located at: 41.053413, -75.526178, and the eastern terminus is location at: 40.896796, -75.370606.

6) Municipality / County: Chestnuthill, Ross, and Tunkhannock Townships, Monroe County

Act 14, which amended the Commonwealth's Administrative Code (71 P.S. § 510-5), requires every applicant for a new, amended, or revised permit to give written notice to each municipality (borough, township) and county government in which the facility is located. The municipality and county government must receive the written notice at least thirty (30) - days before DEP may issue or deny approval of coverage.

Enclosed is a complete copy of the Notice of Intent (NOI) completed for the project as well as copies of the erosion and sediment control plans.

Sincerely,

Ryan J. Nelson, PWS
WHM Consulting, LLC

Enclosures:
NOI Form
Erosion and Sediment Control Plan Drawings

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pennsylvania
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OFFICE OF OIL AND GAS MANAGEMENT

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NOTICE OF INTENT (NOI) FOR COVERAGE UNDER THE EROSION AND SEDIMENT CONTROL GENERAL PERMIT (ESCGP-3) FOR EARTH DISTURBANCE ASSOCIATED WITH OIL AND GAS EXPLORATION, PRODUCTION, PROCESSING, OR TREATMENT OPERATIONS OR TRANSMISSION FACILITIES

READ THE INSTRUCTIONS PROVIDED IN THIS PERMIT APPLICATION PACKAGE BEFORE COMPLETING THIS FORM. PLEASE PRINT OR TYPE INFORMATION IN BLACK OR BLUE INK.

SECTION A. APPLICATION TYPE

Check one:

NEW ☒ **RENEWAL** ☐ **MAJOR MODIFICATIONS (Provide ESCGP number)** ☐

PHASED ☐ (check only if applicable; *note: Most projects are not submitted as phased projects*)

Check one: EXPEDITED ☐ **STANDARD** ☒

If an Expedited Review Process being requested, be advised that the Expedited Review is not available for all projects. Refer to Section D - Expedited Review Process of the ESCGP-3 NOI Instructions to determine if the project is eligible.

SECTION B. CLIENT INFORMATION

Applicant's Last Name (If applicable)	First Name	MI	Telephone No.
Organization Name or Registered Fictitious Name Transcontinental Gas Pipe Line Company, LLC (Contact: Joseph Dean)			Telephone No. (713) 215-3427
DEP Client ID No.			
Headquarters Mailing Address 2800 Post Oak Blvd, Level 11	City Houston	State TX	ZIP Code 77056
Email Address Joseph.Dean@williams.com			
Co-Applicant's Last Name (If applicable)	First Name	MI	Telephone No.
Organization Name or Registered Fictitious Name			Telephone No.

Address	City	State	ZIP Code
Email Address			

SECTION C. SITE INFORMATION			
Is there an existing ESCGP associated with this site? ☐ Yes ☒ No If yes, Permit No. _____			
Has a well permit application been submitted for this site? ☐ Yes ☒ No If yes, Permit No. _____ Does this site have a 911 address? ☐ Yes ☒ No If yes, provide site location address.			
Site Name Regional Energy Access Expansion Project			
Site Location See Attachment 1-1.1- NOI Supporting Information	Site No. (if another permit has been issued for the site)		
Site Location – City See Attachment 1-1.1- NOI Supporting Information		State PA	ZIP Code
Detailed Written Directions to Site See Attachment 1-1.1- NOI Supporting Information for locations of all project sites			

Primary Location	County	Municipality	City	Boro	Twp.
	Luzerne, Northhampton, Bucks, Chester, and Monroe	Buck, Bear Creek, Plains, Jenkins, Kingston, Lower Mt. Bethel, Ross, Chestnut Hill, Tunkhannock, Lower Makefield, East Whiteland and Dallas Townships Wyoming, West Wyoming, and Laflin Boroughs	☐	☒	☒

SECTION D. EXPEDITED REVIEW	
I. Expedited Review Eligibility	
1. Is any part of the project in the watershed of a surface water with an existing or designated use of exceptional value or high quality pursuant to Chapter 93 (relating to water quality standards), in an exceptional value wetland in accordance with 25 Pa. Code § 105.17, or in the watershed of an impaired surface water where the cause of the impairment is identified as siltation?	☒ Yes ☐ No
2. Will the project in which the well pad will be constructed be in or on a floodplain?	☐ Yes ☒ No
3. Is any earth disturbance located or proposed to be located on land known to be contaminated by the release of regulated substances as defined in Section 103 of Act 2, 35 P.S. § 6026.103?	☐ Yes ☒ No
4. Will naturally occurring geologic formations or soil conditions provide hazards to the project or surrounding environment or have the potential to cause or contribute to pollution when disturbed?	☒ Yes ☐ No
5. Do any unresolved non-compliance issues exist with the applicant or the facility?	☐ Yes ☒ No
6. Is the project a transmission project?	☒ Yes ☐ No

If yes to any of the above questions the project is not eligible for Expedited Review; If the project is eligible for Expedited Review, all the following items must be completed.	
II. Expedited Review Process	
1. Is the technically and administratively complete and accurate NOI package prepared and certified by a licensed professional?	☐ Yes ☐ No
2. Are E&S and PCSM/Site Restoration Plan drawings and narrative prepared and sealed by a licensed professional? *(Include interim restoration details when needed)*	☐ Yes ☐ No
3. Include a Resource Delineation Report and answer the following questions: (If the answer to question a. is "Yes" then skip to #4. If the answer to a. is "No" the applicant must answer "Yes" to at least one of the questions, b. through d. to be eligible for expedited review.)	
a. Were all wetland resources delineated during the growing season?	☐ Yes ☐ No
b. If not during the growing season, was a follow-up visit conducted during the growing season to verify/adjust boundaries and look for potentially missed resources?	☐ Yes ☐ No
c. Was a quality assurance field review conducted at a later date by an independent qualified wetland professional to verify boundaries and look for potentially missed resources? (If yes, attach Quality Assurance Field Review Report)	☐ Yes ☐ No
d. Was a Jurisdictional Determination (JD) or Preliminary JD conducted by the US Army Corps of Engineers on the whole project? (If yes, attach Preliminary or Jurisdictional Determination Report)	☐ Yes ☐ No
4. If applicable, have you included PNDI clearance letters or other documentation from applicable resource agencies?	☐ Yes ☐ No
5. If the project site contains, is along, or within 100 feet of a river, stream, creek, lake, pond or reservoir, will you establish new or preserve existing riparian forest buffer at least 100 feet in width between the top of streambank or normal pool elevation of a lake, pond or reservoir and areas of earth disturbances. If no, will a waiver be obtained? ☐ Yes ☐ No	☐ Yes ☐ No
6. Name of Licensed Professional Company	
Address	
Phone	

SECTION E. PROJECT INFORMATION			
1. Total Project Area/Project Site (Ac):	1,346 (Also see Attachment 1-1.1)	Total Disturbed Area (Ac):	689.8 (Also see Attachment 1-1.1)
Increased disturbed acreage *(for permit modification only)*			
Fee: ***(For additional information regarding fees, refer to NOI Instructions #3 Permit NOI Filing Fees.)***			$ $500 (Filing Fee), $69,000 (Disturbed Acre Fee)
2. Project Name: Regional Energy Access Expansion Project			

3. Project Type (Check all that apply)

- ☐ Oil/Gas Well [1]
- ☐ Gathering Facility
- ☐ Treatment Facility
- ☒ Compressor Station
- ☒ Pipeline
- ☐ Storage Field Facility
- ☐ Other
- ☒ Transmission Facility
- ☐ Processing Facility
- ☐ Well Development Impoundment
- ☐ Non-FERC regulated Transmission Facility
- ☐ Ground/Surface Water Withdrawal Site

[1] If Oil/Gas Well; is the well conventional or unconventional? ☐ Conventional ☐ Unconventional

Project Description

Transco, indirectly owned by The Williams Companies, Inc. (Williams), is seeking authorization from the Federal Energy Regulatory Commission (FERC or Commission) under Section 7(c) of the Natural Gas Act and Part 157 of the Commission's regulations, to construct, own, operate, and maintain the proposed Project facilities

The Project is an expansion of Transco's existing natural gas transmission system that will enable Transco to provide an incremental 829,400 dekatherms per day (Dth/d) of year-round firm transportation capacity from the Marcellus Shale production area in northeastern Pennsylvania (PA) to multiple delivery points along Transco's Leidy Line in PA, Transco's mainline at the Station 210 Zone 6 Pooling Point in Mercer County, New Jersey (NJ) and multiple delivery points in Transco's Zone 6 in NJ, PA, and Maryland (MD). The Project will consist of the following components:
•Approximately 22.3 miles of 30-inch-diameter pipeline partially collocated with Transco's Leidy Line A from milepost (MP) 0.00 to MP 22.32 in Luzerne County, PA (Regional Energy Lateral);
• Approximately 13.8 miles of 42-inch-diameter pipeline collocated with Transco's Leidy Line System from MP 43.72 to MP 57.50 in Monroe County, PA (Effort Loop);
• New gas-fired turbine driven compressor station identified as Compressor Station 201 with 11,107 nominal horsepower (HP) at International Organization of Standardization (ISO) conditions in Gloucester County, NJ;
• Addition of two gas-fired turbine driven compressor units with 31,800 nominal HP at ISO conditions at existing Compressor Station 505 in Somerset County, NJ, to accommodate the abandonment and replacement of approximately 16,000 HP from eight existing internal combustion engine-driven compressor units and increase the certificated station compression by 15,800 HP;
• Addition of two gas-fired turbine driven compressor units with 63,742 nominal HP at ISO conditions and modification of three existing compressors at existing Compressor Station 515 in Luzerne County, PA to support the Project and to accommodate the abandonment and replacement of approximately 17,000 HP from five existing gas-fired reciprocating engine driven compressors and increase the certificated station compression by 46,742 HP;
• Uprate and rewheel two existing electric motor-driven compressor units at existing Compressor Station 195 in York County, PA to increase the certificated station compression by 5,000 HP and accommodate the abandonment of two existing gas-fired reciprocating engine driven compressors which total approximately 8,000 HP of compression;
•Modifications at existing Compressor Station 200 in Chester County, PA;
•Uprate one existing electric motor-driven compressor unit at Compressor Station 207 in Middlesex County, NJ to increase the certificated station compression by 4,100 HP;
• Modifications to three (3) existing pipeline tie-ins in PA (Hildebrandt Tie-in, Lower Demunds REL Tie-in, and Carverton Tie-in);
•Addition of regulation controls at an existing valve setting on Transco's Mainline "A" in Bucks County, PA (Mainline A Regulator);
•Modifications at the existing Delaware River Regulator in Northampton County, PA;
•Modifications at the existing Centerville Regulator in Somerset County, NJ;
•Modifications to the existing valves and piping at the Princeton Junction (Station 210 Pooling Point) in Mercer County, NJ;
• Modifications to three (3) existing delivery meter stations in NJ (Camden M&R Station, Lawnside M&R Station, and Mt. Laurel M&R Station);
•Modifications to one (1) existing delivery meter station in MD (Beaver Dam M&R Station);
•Contractual changes (no modifications) at ten (10) existing delivery meter stations in PA and NJ (Algonquin-Centerville Meter Station, Post Road Meter Station, New Village Meter Station, Spruce Run Meter Station, Marcus Hook Meter Station, Ivyland Meter Station, Repaupo Meter Station, Morgan Meter Station, Lower Mud Run Meter Station, and Chesterfield Meter Station);
• Additional ancillary facilities, such as mainline valves (MLVs), cathodic protection, communication facilities, and internal inspection device (e.g., pig) launchers and receivers in PA; and
• Existing, improved, and new access roads and contractor yards/staging areas in PA, NJ, and MD.
Provide the date of pre-application meeting (if conducted with the Department) 04/27/20, 07/09/20, 09/04/20, 09/30/20, 12/15/20, 12/16/20, 01/06/21, 02/05/21

4. Provide the latitude and longitude coordinates for the center of the project. The coordinates should be in Decimal degrees and North American Datum 1983. The coordinates must meet the current DEP policy regarding locational accuracy. For linear projects provide the project's termini. See Attachment 1-1.1

Latitude (DD) . Longitude (DD) - .

Latitude (DD) . Longitude (DD) - .

Horizontal Collection Method: ☐ GPS ☒ Interpolated from U.S.G.S. Topographic Map ☐ DEP's eMAP

5. U.S.G.S. 7.5 min. topographic quadrangle Name (See Attachment 1-1.1)
(*Include a copy of the project area on the 7.5 min quad map)*

6. Will the project be conducted as a phased permit project? ☐ Yes ☒ No
If Yes, Include Master Site Plan Estimated Timetable for Phased Projects. ☐ Additional sheet(s) attached.

Phase No. or Name	Description	Total Area	Disturbed Area	Start Date	End Date

7. List existing and previous land use for a minimum of the previous 5 years. (See Section 2 of this ESCGP-3 Application)

8. Other Pollutants: Will the stormwater discharge contain pollutional substances other than sediment? ☐ Yes ☒ No

9. Will fuels, chemicals, solvents, other hazardous waste or materials be used or stored on site during earth disturbance activities or will Horizontal Directional Drilling (HDD) activities be conducted?
Yes ☒ No ☐ ***(If yes, Preparedness, Prevention and Contingency (PPC) Plan must be maintained on site during earth disturbance. See NOI Instructions, E.9 PPC Plan Guidance for further information.)***

10. Is the project in the watershed of an impaired surface water where the cause of the impairment is identified as siltation?
Yes ☒ No ☐ (See Section 2-5 of this ESCGP-3 Application) ***(If yes, show how the project will not result in a net change in volume, rate or water quality. See section I below, and E.10 of NOI instructions.)***

11. Are there potentially hazardous naturally occurring geological or soil conditions in any portion of the project or surrounding area? Yes ☒ No ☐

If yes, do the potentially hazardous geologic or soil conditions have the potential to cause or contribute to pollution as a result of the proposed earth disturbance activities?

If no, provide an explanation.

If yes, Geologic Hazard Mitigation Plan must be attached and explain where in this application details are provided.

12. Has the Act 14 Municipal Notification and proof of receipt of notification been attached to the NOI?
Yes ☒ No ☐ ***(If not, the NOI is not complete, see E.12 and #4 Municipal Notification in the NOI Instructions for additional guidance.)***

13. Has the PNDI receipt been attached to the NOI?
Yes ☒ No ☐ ***(If not, the NOI is not complete, see E.13 and #5 PNHP in the NOI Instructions for additional guidance.)***

14. Have the E&S Plan and PCSM/SR Plan been planned and designed to be consistent?
Yes ☒ No ☐

15. Have existing and/or proposed Riparian Forest Buffers been identified?
Yes ☒ N/A ☐ ***(If yes, they must be shown on the E&S Plan as well as the PCSM/SR Plans.)***

16. Have antidegradation implementation requirements for special protection waters been addressed?
Yes ☒ No ☐ N/A ☐ ***(If yes, antidegradation requirements must be included in the plan.)***

17. Has the seasonal high groundwater level been identified and 20-inch separation established at all excavation locations for pits for conventional operations and Well Development Impoundments for unconventional operations?

    Yes ☐ No ☐ N/A ☒

18. Receiving Waters	Chapter 93, Designated Use Stream Classification	Chapter 93, Existing Use Stream Classification
Effort Loop- Lake Creek (HQ-CWF,MF) Princess Run (CWF,MF) Weir Creek (CWF,MF) McMichael Creek (EV, MF) and (HQ-CWF) Pohopoco Creek (CWF,MF) Sugar Hollow Creek (CWF,MF) Poplar Creek (EV,CWF,MF) Mud Run (HQ-CWF, MF) Mud Pond Run (HQ-CWF,EV,MF) Tunkhannock Creek (HQ-CWF,MF) Regional Energy Lateral- Stony Run (HQ-CWF,MF) Shades Creek (HQ-CWF,MF) Little Shades Creek (HQ-CWF,MF) Snider Run (HQ-CWF,MF) Meadow Run (HQ-CWF,MF) Bear Creek (HQ-CWF,MF) Little Bear Creek (HQ-CWF,MF) Mill Creek (CWF,MF) Gardner Creek (CWF,MF) Susquehanna River (WWF,MF) Abrahams Creek (CWF,MF) Toby Creek (CWF,MF) Trout Brook (CWF,MF) Compressor Station 515- Shades Creek (HQ-CWF,MF) Stony Run (HQ-CWF,MF) Compressor Station 200- Valley Creek (EV,MF) Delaware River Regulator- Mud Run (CWF, MF) Mainline "A" Regulator - Dyers Creek (WWF,MF) See Attachment 1-1.1 for detailed list.	☒ HQ ☒ EV ☒ Other CWF, MF, WWF ☒ Siltation-impaired	☐ HQ ☒ EV ☒ Other MF ☐ Siltation-impaired
	☐ HQ ☐ EV ☐ Other _____ ☐ Siltation-impaired	☐ HQ ☐ EV ☐ Other _____ ☐ Siltation-impaired

	☐ HQ ☐ EV ☐ Other _____ ☐ Siltation-impaired ☐ HQ ☐ EV ☐ Other _____ ☐ Siltation-impaired	☐ HQ ☐ EV ☐ Other _____ ☐ Siltation-impaired ☐ HQ ☐ EV ☐ Other _____ ☐ Siltation-impaired
Secondary Receiving Water	Secondary Chapter 93, Designated Use	Secondary Existing Use
Name of Municipal or Private Separate Storm Sewer Operator, if applicable.		
Non-Surface Receiving Water: (include off-site discharges)		

SECTION F. EROSION AND SEDIMENT CONTROL (E&S) PLAN

See the attached Instructions for additional guidance with E&S Plans

Erosion and Sediment Control Plan BMPs should be designed to minimize accelerated erosion and sedimentation through limiting the extent and duration of earth disturbance, protection of existing drainage and vegetation, limiting soil compaction and controlling the generation of increased runoff. The Department recommends the use of the *Pennsylvania Erosion & Sedimentation Pollution Control Program Manual (E&S Manual)* (363-2134-008) to achieve this goal. The E&S Plan must meet the requirements of Pa. Code § 102.4(b) and submitted with the NOI. Also, see section 2. of the NOI instruction for detailed information on completing the E&S plan and additional requirements.

a. E&S Plan Summary

Provide a summary of proposed E&S BMPs and their performance to manage E&S for the project.

Typical BMPs provided along the pipeline Right-Of-Way includes waterbars, trench plugs, compost filter socks, compost sediment traps, rock filter outlets, erosion control blankets, rock construction entrances, temporary equipment bridges, timber mats, diversion channels, level spreaders, mulch and seed. An appropraite sediment removal device (filter bag, dewatering structure) and well-vegetated area will be utilized for trench dewatering. In HQ, EV watersheds, appropriate Antidegradation Best Available Combination of Technologies (ABACT) BMPs will be utilized. Additional information regarding all the proposed BMPs are provided in the Erosion and Sedimentation Control and Site Restoration Plans of respective project components (Section 2 of this ESCGP-3 Application).

b. E&S Plan BMP Design

Check those that apply:

☒ E&S Plan is designed using BMPs in the *E&S Manual*.

☐ E&S Plan is designed using an alternative BMP or design standard approved by DEP.

Note: NOI packages submitted with alternate BMPs not approved by the Department will be returned to the Applicant.

c. Do you have any information regarding riparian buffer which differs from Section G, Riparian Buffer?

Yes ☐ No ☒

Explain:

d. Thermal Impacts Analysis

Explain how thermal impacts associated with this project were avoided, minimized, or mitigated.

Thermal impacts associated with Regional Energy Access Expansion Project will be avoided to the maximum extent possible. Minimum permanent changes in land cover are being proposed for constructing the pipeline facilities. Runoff from impervious areas added during the project will be suitably routed to Stormwater BMPs. Gravel will be used for access roads wherever practicable. To avoid thermal impacts arising from clearing and grading, removal of vegetation will be limited to only that necessary for construction and construction Right-Of-Way will be limited to 75 feet in wetlands and floodways where practical. Once construction activities are complete, disturbed areas will be restored to pre-construction contours and seeded as described in Erosion and Sediment Control and Site Restoration Plans. Temporary workspaces will be restored back with woody and herbaceous species. Thermal impacts assessments corresponding to each project component including pipelines and aboveground facilities are given in Section 2 and 3 of this ESCGP-3 Application.

e. Off-Site Discharge Analysis

Does the activity propose any off-site discharges to areas other than surface waters? ☒ Yes ☐ No

If yes, it is the applicant's responsibility to ensure that they have legal authority for any off-site discharge to neighboring properties.

The applicant must provide a demonstration in both E&S and PCSM/SR plans that the discharge will not cause erosion, damage, or a nuisance to off-site properties.

See Offsite Discharge Analysis Sections in E&S Narratives

SECTION G. RIPARIAN BUFFER

1. Will you be protecting, converting or establishing a voluntary riparian forest buffer as part of this project?
   ☐ Yes ☒ No
   If yes, as part of the PCSM/SR Plan, provide a Buffer Management Plan.
2. Will proposed earth disturbance activities be conducted in an EV or HQ watershed AND within 150 feet of a perennial or intermittent river, stream, or creek, or lake, pond, or reservoir? ☒ Yes ☐ No

   If no, proceed to the next section/module.
3. Does this project qualify for an exception (see § 102.14(d)(1))? ☒ Yes ☐ No

   If yes, indicate below the type of project for which the exception applies by marking the appropriate box.

   ☐ Oil and gas activities for which site reclamation or restoration is part of the permit authorization in Chapter 78 and 78a.

   ☒ Road maintenance activities.

   ☐ The repair or maintenance of existing pipelines and utilities.

   ☐ Other (see §102.14(d)(1))

   If exceptions are checked, explain how existing riparian buffer will be undisturbed to the extent practicable. Provide a demonstration that the requirements of §102.14(b) are met, or provide the necessary information to request a riparian buffer waiver.
4. Are you requesting a riparian buffer waiver for this project (see § 102.14(d)(2))? ☒ Yes ☐ No

   If yes, indicate below the type of project for which you are requesting a waiver by marking the appropriate box.

   ☒ Linear project that may include pipelines, public roadways, rail lines, or utility lines.

   ☒ Project is of a temporary nature where the site will be fully restored to its preexisting conditions during the ESCGP permit term.

   ☒ Project where compliance with mandatory riparian buffers is not appropriate or feasible due to site characteristics or existing structures at the project site.

   ☐ Other (see §102.14(d)(2)):

   If waivers are checked, explain how existing riparian buffers will be undisturbed to the extent practicable.

   Note: If “Yes” to #2 **AND** “No” to #3 and #4, provide an attachment to demonstrate how the requirements of §102.14 are met.

SECTION H. POST CONSTRUCTION STORMWATER MANAGEMENT (PCSM) AND/OR SITE RESTORATION(SR) PLAN

See NOI Instructions for additional guidance with PCSM Plans

PCSM/SR BMPs should be designed to use natural measures to eliminate pollution, infiltrate runoff, not require extensive construction/maintenance, promote pollutant reduction, and preserve the integrity of stream channels. All PCSM/SR BMPs proposed in the PCSM/SR Plan must be designed in accordance with Ch. 102, Ch. 78a for unconventional operations, Ch. 78 for conventional operations and the *Pennsylvania Stormwater Best Management Practices Manual (Stormwater BMP Manual)* (363-0300-002). If alternate design criteria are utilized for the proposed project, they must have prior approval by the Department, or the NOI Application will be returned to the Applicant.

After construction is completed, how much of the entire disturbed area will be restored to meadow in good condition or better, or existing conditions? ☐ All ☒ Partial ☐ None

Include PCSM narrative and drawings for remaining impervious area. Also include a map showing the proposed contours of the site restoration plan.

If there are additional stages of the project prior to permit termination or expiration, list the stages and provide the documents required by subsection 'a' to section 'g' for each stage (e.g. partial restoration or changes to the amount of compacted areas, gravel, and/or impervious areas). Upload a narrative for each additional stage in addition to the drawings.

EXAMPLE

Stage No	Stage Name	PCSM Plan	SR Plan
Stage 1		☐	☐
Stage 2		☐	☐
Stage 3		☐	☐
Stage 4		☐	☐

Act 167 Consistency. Check those that apply.

Is there an Act 167 Plan? ☒ Yes ☐ No

☒ The attached PCSM/SR Plan is consistent with an applicable approved Act 167 Plan.

Complete the following for all approved Act 167 Stormwater Management Plans. (Use additional sheets if necessary)

Act 167 Plan Name	Date Adopted	Consistency Letter Included	
Luzerne County Stormwater Management Ordinance	August 18, 2010	Verification Report Included	☒
Valley Creek Watershed Stormwater Management Plan	February 04, 2011		

Note: A consistency letter is not required if a verification report is provided. See NOI Instructions. The PCSM/SR Plan must satisfy either sub paragraph 1, 2, or 3 below. Check those that apply.

1. ☒ Act 167 Plan approvals on or after January 2005 – The attached PCSM/SR Plan, in its entirety, is consistent with all requirements pertaining to rate, volume, and water quality from an Act 167 Stormwater Management Plan approved by DEP on or after January 2005. Box 1 must be checked if a current, DEP approved Act 167 plan exists.

2. ☒ The PCSM/SR Plan meets the standard design criteria from sections 102.8(g)(2) and (3) and the *Stormwater BMP Manual*. For projects involving oil and gas activities authorized by a permit issued under Chapter 78 or Chapter 78a (well pads) or pipelines and other similar utility infrastructure, post construction stormwater management requirements are met for all areas that are restored to preconstruction conditions or to a condition of meadow in good condition or better. *[Note: PCSM plans must meet both the volume and rate requirements in the regulations, which are provided in the 2 sections mentioned in this paragraph].*

3. ☐ Alternative Design Standard – The attached PCSM/SR Plan was developed using approaches as provided in 102.8(g)(2)(iv) and 102.8(g)(3)(iii). Demonstrate/explain in the space provided below how this standard will be either more protective than what is required in 102.8(g)(2) and 102.8(g)(3) or will maintain and protect existing water quality and existing and designated uses.

PCSM/SR BMP Alternative Standards:

Has the alternative BMP or design standard been approved by the Department?

☐ Yes

☐ No – Do not submit the ESCGP-3 application and see Section (H) of the NOI Instructions concerning the alternative BMP approval process.

Water Quality Compliance:

Does the PCSM/SR plan comply with requirements for volume control? ☒ Yes ☐ No

If yes, is at least 90% of the disturbed area controlled by a PCSM BMP? ☒ Yes ☐ No

If yes, do you have the Standard PCSM Worksheet # 10 attached to show water quality compliance has achieved?
☒ Yes ☐ No

If no, attach Standard PCSM Worksheets # 12 and #13 to show water quality compliance has achieved.

If PCSM/SR plan is not complying with the requirements for volume control, attach Standard PCSM Worksheets # 11, # 12 and #13 to show water quality compliance has achieved.

a. PCSM/SR Plan Summary

Provide a summary of proposed BMPs and their performance to manage PCSM/SR for the project.

Along the pipeline Right-Of-Way, typical E&S BMPs such as waterbars and erosion control blanket will be left in place as part of site restoration. After construction activities are completed, temporary workspaces will be restored to meadow in good condition or better than existing conditions. For the aboveground facilities, PCSM BMPs such as infiltration basins, diversion channels and vegetated swales will be used and left in place as part of site restoration. Additional information regarding all the proposed BMPs are provided in the Post-Construction Stormwater Management Plans of respective project components (Section 3 of this ESCGP-3 Application).

Check all that apply ☒ PCSM BMPs ☒ SR BMPs

b. Do you have any information regarding riparian buffer which differs from what was submitted in the Section G, Riparian Buffer?

☐ Yes ☒ No

Explain:

c. Thermal Impacts Analysis

Explain how thermal impacts associated with this project were avoided, minimized, or mitigated.

Runoff collected in PCSM BMPS such as infiltration basins will mitigate thermal impacts from post construction stormwater. Runoff collected in infiltration basins are discharged to receiving waters are not expected to be retained for more than 24 hours. Minimum permanent changes in land cover are being proposed for constructing the pipeline facilities. Gravel will be used for access roads wherever practicable. Removal of trees and riparian vegetation and addition of impervious surfaces will be limited to only that necessary for construction. Once construction activities are complete, disturbed areas will be restored to pre-construction contours and seeded as described in Erosion and Sedimental Control and Site Restoration Plans. Temporary workspaces will be restored back with woody and herbaceous species. Thermal impacts assessments correspoding to each project component including pipelines and aboveground facilities are given in Section 2 and 3 of this ESCGP-3 Application.

d. Off-Site Discharge Analysis.

Does the activity propose any off-site discharges to areas other than surface waters? ☒ Yes ☐ No

If yes, it is the applicant's responsibility to ensure that they have legal authority for any off-site discharge to neighboring properties.

The Applicant must provide a demonstration in both the E&S and PCSM/SR Plans that the discharge will not cause erosion, damage, or a nuisance to off-site properties.

See Offsite Discharge Analysis Sections in PCSM Narratives

NOI Section H. POST CONSTRUCTION STORMWATER MANAGEMENT (PCSM) PLANS

Summary Calculations of Post Construction Stormwater BMPs

1. Regional Energy Lateral Pipeline - MLV-515RA20
2. Regional Energy Lateral Pipeline - MLV-515RA30
3. Regional Energy Lateral Pipeline - Carverton Tie-in
4. Regional Energy Lateral Pipeline - Lower Demunds REL Tie-in
5. Regional Energy Lateral Pipeline – Hildebrandt Tie-in/MLV-515RA40
6. Effort Loop Pipeline - MLV-505LD86
7. Compressor Station 200
8. Compressor Station 515

NOTICE OF INTENT (NOI) FOR COVERAGE UNDER THE EROSION AND SEDIMENT CONTROL GENERAL PERMIT (ESCGP-3) FOR EARTH DISTURBANCE ASSOCIATED WITH OIL AND GAS EXPLORATION, PRODUCTION, PROCESSING, OR TREATMENT OPERATIONS OR TRANSMISSION FACILITIES

TABLES IN ADDENDUM OF NOI

SECTION H. POST CONSTRUCTION STORMWATER MANAGEMENT (PLAN) BMPs

Regional Energy Lateral Pipeline - MLV-515RA20 - Zenker Valve Yard

e. Summary Table for Supporting Calculation and Measurement Data
(See NOI Instructions for additional guidance with this section)

The remainder of this section (Summary Table for Calculation and Measurement Data) does not need to be completed for areas of projects involving oil and gas activities authorized by Chapter 78 or Chapter 78a (well pads) or pipelines and other similar utility infrastructure which will be restored to meadow in good condition or better or existing conditions.

Watershed Name: Mill Creek

Volume Control design storm frequency 2-year Rainfall amount 2.95 inches	Pre-construction	Post Construction	Net Change
Impervious area (acres)	0.00	0.19	+0.19
Volume of stormwater runoff (acre-feet) without planned stormwater BMPs	0.04	0.06	+0.02
Volume of stormwater runoff (acre-feet) with planned stormwater BMPs		0.03	-0.01
Stormwater discharge rate for the design frequency storm	Pre-construction	Post Construction	Net Change
1) 2-Year/24-Hour	3.51	3.22	-0.29
2) 10-Year/24-Hour	6.82	6.17	-0.65
3) 50-year/24-Hour	11.88	11.12	-0.76
4) 100-year/24-Hour	14.91	14.91	-0.00

f. Summary Description of PCSM/SR BMPs

In the lists below, check the BMPs identified in the PCSM Plan. The primary function(s) of the BMP listed in the functions column (infiltration/recharge; detention/retention; water quality). Additional functions may be added if applicable to that BMP. List the stormwater volume and area of runoff to be treated by each BMP type when calculations are required. If any BMP in the PCSM/SR Plan is not listed below, describe it in the space provided after "Other". A summary table with infiltration testing information (Attachment E, included in the NOI Instructions) must be submitted for all Bio-infiltration BMPs included in PCSM/SR plan.

For Rate control provide the volume of stormwater treated and acres treated for the 100-year/24-hour storm event.

For volume control and water quality provide the volume of stormwater treated and acres treated for the 2-year/24-hour storm event.

Key for BMP purpose(s): VC = Volume Control; RC = Rate Control; and WQ = Water Quality

BMP	Function(s)	Purpose(s)	Volume of stormwater treated	Acres treated
Site Restoration ONLY				
☐ Restore Site to Meadow in Good Condition or Better, or Existing Conditions	Infiltration/Recharge Detention/WQ Treatment	☐ VC ☐ RC ☐ WQ	_____	_____
Bio-infiltration areas	Infiltration/Recharge			
☐ Infiltration Trench		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Infiltration Bed		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Infiltration Basin		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Rain Garden/ Bioretention		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Infiltration Berm				
☐ Vegetated Swale		☐ VC ☐ RC ☐ WQ	_____	_____
Natural Area Conservation	Infiltration/Recharge			
☐ Streamside Buffer Zone		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Wetland Buffer Zone		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Sensitive Area Buffer Zone		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Pre-Construction Drainage Pattern Intact		☐ VC ☐ RC ☐ WQ	_____	_____
Stormwater Retention	Detention/Retention			
☐ Constructed Wetlands		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Wet Ponds		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Retention Basin		☐ VC ☐ RC ☐ WQ	_____	_____
Sediment and Pollutant Removal	Water Quality Treatment			
☐ Vegetated Filter Strips		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Compost Filter Sock		☐ VC ☐ RC ☐ WQ	_____	_____
☒ Detention Basins		☒ VC ☒ RC ☒ WQ	1,396cf(2-yr); 6,186cf(100-yr)	0.28
Access Road Design	Infiltration/Recharge			
☐ Road Crowning		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Ditches		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Turnouts		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Culverts		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Roadside Vegetated Filter Strips		☐ VC ☐ RC ☐ WQ	_____	_____

Stormwater Energy Dissipaters	Infiltration/Recharge			
☐ Level Spreaders		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Riprap Aprons		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Upslope Diversions		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Other_____		☐ VC ☐ RC ☐ WQ	_____	_____

g. Critical PCSM Plan stages

Identify and list critical stages of implementation of the PCSM Plan for which a licensed professional or designee shall be present on site.

1. Upon commencement of construction activities to ascertain the Dry Extended Detention Basin area has been flagged and fence erected to prevent access to the area.

2. At completion of Diversion Channels to ensure they have been constructed to the proposed lines and grades, the specified lining materials have been installed in accordance with the requirements of the plans and specifications, and if applicable, vegetation has been established.

3. At the beginning of construction of the Dry Extended Detention Basin to ensure the infiltration area has not been compacted by construction activities.

4. During construction of the Dry Extended Detention Basin the licensed professional will observe that the BMP is constructed in accordance with the plans and specifications.

5. At completion of Collection Channel C1 to ensure it has been constructed to the proposed line and grade, the specified lining material has been installed in accordance with the requirements of the plans and specifications, and if applicable, vegetation has been established.

6. Following installation of the Valve Yard Pad subgrade to ensure stormwater flow is directed to Collection Channel C1.

7. For final inspection of constructed BMPs.

8. At the establishment of hard surface stabilization or 70% vegetation covers to allow removal of E&S controls.

NOTICE OF INTENT (NOI) FOR COVERAGE UNDER THE EROSION AND SEDIMENT CONTROL GENERAL PERMIT (ESCGP-3) FOR EARTH DISTURBANCE ASSOCIATED WITH OIL AND GAS EXPLORATION, PRODUCTION, PROCESSING, OR TREATMENT OPERATIONS OR TRANSMISSION FACILITIES

TABLES IN ADDENDUM OF NOI

SECTION H. POST CONSTRUCTION STORMWATER MANAGEMENT (PLAN) BMPs

Regional Energy Lateral Pipeline - MLV-515RA30 - Wyoming Valve Yard

b. Summary Table for Supporting Calculation and Measurement Data

(See NOI Instructions for additional guidance with this section)

The remainder of this section (Summary Table for Calculation and Measurement Data) does not need to be completed for areas of projects involving oil and gas activities authorized by Chapter 78 or Chapter 78a (well pads) or pipelines and other similar utility infrastructure which will be restored to meadow in good condition or better or existing conditions.

Watershed Name: Susquehanna-Solomon Creek

Volume Control design storm frequency 2-year Rainfall amount 2.57 inches	Pre-construction	Post Construction	Net Change
Impervious area (acres)	0.00	0.24	+0.24
Volume of stormwater runoff (acre-feet) without planned stormwater BMPs	0.03	0.06	+0.03
Volume of stormwater runoff (acre-feet) with planned stormwater BMPs	[redacted]	0.03	-0.00
Stormwater discharge rate for the design frequency storm	Pre-construction	Post Construction	Net Change
1) 2-Year/24-Hour	0.22	0.02	-0.20
2) 10-Year/24-Hour	0.68	0.03	-0.65
3) 50-year/24-Hour	1.52	0.06	-1.46
4) 100-year/24-Hour	2.06	0.07	-1.99

c. Summary Description of PCSM/SR BMPs

In the lists below, check the BMPs identified in the PCSM Plan. The primary function(s) of the BMP listed in the functions column (infiltration/recharge; detention/retention; water quality). Additional functions may be added if applicable to that BMP. List the stormwater volume and area of runoff to be treated by each BMP type when calculations are required. If any BMP in the PCSM/SR Plan is not listed below, describe it in the space provided after "Other". A summary table with infiltration testing information (Attachment E, included in the NOI Instructions) must be submitted for all Bio-infiltration BMPs included in PCSM/SR plan.

For Rate control provide the volume of stormwater treated and acres treated for the 100-year/24-hour storm event.

For volume control and water quality provide the volume of stormwater treated and acres treated for the 2-year/24-hour storm event.

Key for BMP purpose(s): VC = Volume Control; RC = Rate Control; and WQ = Water Quality

BMP	Function(s)	Purpose(s)	Volume of stormwater treated	Acres treated
Site Restoration ONLY				
☐ Restore Site to Meadow in Good Condition or Better, or Existing Conditions	Infiltration/Recharge Detention/WQ Treatment	☐ VC ☐ RC ☐ WQ	_____	_____
Bio-infiltration areas	Infiltration/Recharge			
☐ Infiltration Trench		☐ VC ☐ RC ☐ WQ	_____	_____
☒ Infiltration Bed		☒ VC ☒ RC ☒ WQ	451cf(2-yr); 2,511cf(100-yr)	0.21
☐ Infiltration Basin		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Rain Garden/ Bioretention		☐ VC ☐ RC ☐ WQ	_____	
☐ Infiltration Berm		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Soil Amendment		☐ VC ☐ RC ☐ WQ	_____	_____
Natural Area Conservation	Infiltration/Recharge			
☐ Streamside Buffer Zone		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Wetland Buffer Zone		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Sensitive Area Buffer Zone		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Pre-Construction Drainage Pattern Intact		☐ VC ☐ RC ☐ WQ	_____	_____
Stormwater Retention	Detention/Retention			
☐ Constructed Wetlands		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Wet Ponds		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Retention Basin		☐ VC ☐ RC ☐ WQ	_____	_____
Sediment and Pollutant Removal	Water Quality Treatment			
☐ Vegetated Filter Strips		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Compost Filter Sock		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Detention Basins		☐ VC ☐ RC ☐ WQ	_____	_____
Access Road Design	Infiltration/Recharge			
☐ Road Crowning		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Ditches		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Turnouts		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Culverts		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Roadside Vegetated Filter Strips		☐ VC ☐ RC ☐ WQ	_____	_____

Stormwater Energy Dissipaters ☐ Level Spreaders ☐ Riprap Aprons ☐ Upslope Diversions ☒ OtherVegetated Swale	Infiltration/Recharge	☐ VC ☐ RC ☐ WQ ☐ VC ☐ RC ☐ WQ ☐ VC ☐ RC ☐ WQ ☒ VC ☒ RC ☒ WQ	_____ _____ _____ 1,009cf(2-yr); 4,264cf(100-yr)	_____ _____ _____ 0.49

d. Critical PCSM Plan stages

Identify and list critical stages of implementation of the PCSM Plan for which a licensed professional or designee shall be present on site.

1. Upon commencement of construction activities to ascertain the Vegetated Swale area has been flagged and fence erected to prevent access to the area.
2. At the beginning of construction of the Vegetated Swale to ensure the infiltration area has not been compacted by construction activities.
3. During construction of the Vegetated Swale the licensed professional will observe that the BMP is constructed in accordance with the plans and specifications.
4. At completion of Collection Channel C1 to ensure it has been constructed to the proposed line and grade, the specified lining material has been installed in accordance with the requirements of the plans and specifications, and if applicable, vegetation has been established.
5. Following installation of the Valve Yard Pad subgrade to ensure stormwater flow is directed to the infiltration berm.
6. For final inspection of constructed BMPs.
7. At the establishment of hard surface stabilization or 70% vegetation covers to allow removal of E&S controls.

NOTICE OF INTENT (NOI) FOR COVERAGE UNDER THE EROSION AND SEDIMENT CONTROL GENERAL PERMIT (ESCGP-3) FOR EARTH DISTURBANCE ASSOCIATED WITH OIL AND GAS EXPLORATION, PRODUCTION, PROCESSING, OR TREATMENT OPERATIONS OR TRANSMISSION FACILITIES

TABLES IN ADDENDUM OF NOI

SECTION H. POST CONSTRUCTION STORMWATER MANAGEMENT (PLAN) BMPs

Regional Energy Lateral Pipeline - Carverton Tie-In

b. Summary Table for Supporting Calculation and Measurement Data

(See NOI Instructions for additional guidance with this section)

The remainder of this section (Summary Table for Calculation and Measurement Data) does not need to be completed for areas of projects involving oil and gas activities authorized by Chapter 78 or Chapter 78a (well pads) or pipelines and other similar utility infrastructure which will be restored to meadow in good condition or better or existing conditions.

Watershed Name: Abrahams Creek

Volume Control design storm frequency 2-year Rainfall amount 2.61 inches	Pre-construction	Post Construction	Net Change
Impervious area (acres)	0.03	0.11	+0.08
Volume of stormwater runoff (acre-feet) without planned stormwater BMPs	0.02	0.03	+0.01
Volume of stormwater runoff (acre-feet) with planned stormwater BMPs	[redacted]	0.00	-0.02
Stormwater discharge rate for the design frequency storm	Pre-construction	Post Construction	Net Change
1) 2-Year/24-Hour	0.46	0.00	-0.46
2) 10-Year/24-Hour	0.91	0.00	-0.91
3) 50-year/24-Hour	1.61	0.00	-1.61
4) 100-year/24-Hour	2.01	0.00	-2.01

c. Summary Description of PCSM/SR BMPs

In the lists below, check the BMPs identified in the PCSM Plan. The primary function(s) of the BMP listed in the functions column (infiltration/recharge; detention/retention; water quality). Additional functions may be added if applicable to that BMP. List the stormwater volume and area of runoff to be treated by each BMP type when calculations are required. If any BMP in the PCSM/SR Plan is not listed below, describe it in the space provided after "Other". A summary table with infiltration testing information (Attachment E, included in the NOI Instructions) must be submitted for all Bio-infiltration BMPs included in PCSM/SR plan.

For Rate control provide the volume of stormwater treated and acres treated for the 100-year/24-hour storm event.

For volume control and water quality provide the volume of stormwater treated and acres treated for the 2-year/24-hour storm event.

Key for BMP purpose(s): VC = Volume Control; RC = Rate Control; and WQ = Water Quality

BMP	Function(s)	Purpose(s)	Volume of stormwater treated	Acres treated
Site Restoration ONLY				
☐ Restore Site to Meadow in Good Condition or Better, or Existing Conditions	Infiltration/Recharge Detention/WQ Treatment	☐ VC ☐ RC ☐ WQ	_____	_____
Bio-infiltration areas	Infiltration/Recharge			
☐ Infiltration Trench		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Infiltration Bed		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Infiltration Basin		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Rain Garden/ Bioretention		☐ VC ☐ RC ☐ WQ	_____	
☒ Infiltration Berm		☒ VC ☒ RC ☒ WQ	1,280cf (2-yr); 4,445cf(100-yr)	0.26
Natural Area Conservation	Infiltration/Recharge			
☐ Streamside Buffer Zone		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Wetland Buffer Zone		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Sensitive Area Buffer Zone		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Pre-Construction Drainage Pattern Intact		☐ VC ☐ RC ☐ WQ	_____	_____
Stormwater Retention	Detention/Retention			
☐ Constructed Wetlands		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Wet Ponds		☒ VC ☒ RC ☒ WQ	_____	_____
☐ Retention Basin		☐ VC ☐ RC ☐ WQ	_____	_____
Sediment and Pollutant Removal	Water Quality Treatment			
☐ Vegetated Filter Strips		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Compost Filter Sock		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Detention Basins		☐ VC ☐ RC ☐ WQ	_____	_____
Access Road Design	Infiltration/Recharge			
☐ Road Crowning		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Ditches		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Turnouts		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Culverts		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Roadside Vegetated Filter Strips		☐ VC ☐ RC ☐ WQ	_____	_____

Stormwater Energy Dissipaters	Infiltration/Recharge			
☐ Level Spreaders		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Riprap Aprons		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Upslope Diversions		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Other_____		☐ VC ☐ RC ☐ WQ	_____	_____

d. Critical PCSM Plan stages

Identify and list critical stages of implementation of the PCSM Plan for which a licensed professional or designee shall be present on site.

1. At the beginning of construction to ascertain the Infiltration Berm area has been flagged and fence erected to prevent access to the area.
2. Following installation of the Valve Yard Pad subgrade to ensure stormwater flow is directed to the infiltration berm.
3. At the beginning of construction of the Infiltration Berm to ensure the infiltration area has not been compacted by construction activities.
4. During construction of the infiltration berm the licensed professional will observe that the berm is constructed in accordance with the plans and specifications.
5. For final inspection of constructed BMPs.
6. At the establishment of hard surface stabilization or 70% vegetation covers to allow removal of E&S controls.

NOTICE OF INTENT (NOI) FOR COVERAGE UNDER THE EROSION AND SEDIMENT CONTROL GENERAL PERMIT (ESCGP-3) FOR EARTH DISTURBANCE ASSOCIATED WITH OIL AND GAS EXPLORATION, PRODUCTION, PROCESSING, OR TREATMENT OPERATIONS OR TRANSMISSION FACILITIES

TABLES IN ADDENDUM OF NOI

SECTION H. POST CONSTRUCTION STORMWATER MANAGEMENT (PLAN) BMPs

Regional Energy Lateral Pipeline - Lower Demunds REL Tie-In

b. Summary Table for Supporting Calculation and Measurement Data

(See NOI Instructions for additional guidance with this section)

The remainder of this section (Summary Table for Calculation and Measurement Data) does not need to be completed for areas of projects involving oil and gas activities authorized by Chapter 78 or Chapter 78a (well pads) or pipelines and other similar utility infrastructure which will be restored to meadow in good condition or better or existing conditions.

Watershed Name: Toby Creek

Volume Control design storm frequency 2-year Rainfall amount 3.40 inches	Pre-construction	Post Construction	Net Change
Impervious area (acres)	0.00	0.12	+0.12
Volume of stormwater runoff (acre-feet) without planned stormwater BMPs	0.02	0.04	+0.02
Volume of stormwater runoff (acre-feet) with planned stormwater BMPs		0.01	-0.01
Stormwater discharge rate for the design frequency storm	Pre-construction	Post Construction	Net Change
1) 2-Year/24-Hour	0.20	0.00	-0.20
2) 10-Year/24-Hour	0.40	0.00	-0.40
3) 50-year/24-Hour	0.71	0.20	-0.51
4) 100-year/24-Hour	0.89	0.51	-0.38

c. Summary Description of PCSM/SR BMPs

In the lists below, check the BMPs identified in the PCSM Plan. The primary function(s) of the BMP listed in the functions column (infiltration/recharge; detention/retention; water quality). Additional functions may be added if applicable to that BMP. List the stormwater volume and area of runoff to be treated by each BMP type when calculations are required. If any BMP in the PCSM/SR Plan is not listed below, describe it in the space provided after "Other". A summary table with infiltration testing information (Attachment E, included in the NOI Instructions) must be submitted for all Bio-infiltration BMPs included in PCSM/SR plan.

For Rate control provide the volume of stormwater treated and acres treated for the 100-year/24-hour storm event.

For volume control and water quality provide the volume of stormwater treated and acres treated for the 2-year/24-hour storm event.

Key for BMP purpose(s): VC = Volume Control; RC = Rate Control; and WQ = Water Quality

BMP	Function(s)	Purpose(s)	Volume of stormwater treated	Acres treated
Site Restoration ONLY				
☐ Restore Site to Meadow in Good Condition or Better, or Existing Conditions	Infiltration/Recharge Detention/WQ Treatment	☐ VC ☐ RC ☐ WQ	_____	_____
Bio-infiltration areas	Infiltration/Recharge			
☐ Infiltration Trench		☐ VC ☐ RC ☐ WQ	_____	_____
☒ Infiltration Bed		☒ VC ☒ RC ☒ WQ	1,481cf(2-yr); 4,356cf(100-yr)	0.17
☐ Infiltration Basin		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Rain Garden/ Bioretention		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Infiltration Berm		☐ VC ☐ RC ☐ WQ	_____	_____
Natural Area Conservation	Infiltration/Recharge			
☐ Streamside Buffer Zone		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Wetland Buffer Zone		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Sensitive Area Buffer Zone		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Pre-Construction Drainage Pattern Intact		☐ VC ☐ RC ☐ WQ	_____	_____
Stormwater Retention	Detention/Retention			
☐ Constructed Wetlands		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Wet Ponds		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Retention Basin		☐ VC ☐ RC ☐ WQ	_____	_____
Sediment and Pollutant Removal	Water Quality Treatment			
☐ Vegetated Filter Strips		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Compost Filter Sock		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Detention Basins		☐ VC ☐ RC ☐ WQ	_____	_____
Access Road Design	Infiltration/Recharge			
☐ Road Crowning		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Ditches		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Turnouts		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Culverts		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Roadside Vegetated Filter Strips		☐ VC ☐ RC ☐ WQ	_____	_____

Stormwater Energy Dissipaters ☐ Level Spreaders ☐ Riprap Aprons ☐ Upslope Diversions ☐ Other_____	Infiltration/Recharge	 ☐ VC ☐ RC ☐ WQ ☐ VC ☐ RC ☐ WQ ☐ VC ☐ RC ☐ WQ ☐ VC ☐ RC ☐ WQ	 _____ _____ _____ _____	 _____ _____ _____ _____

d. Critical PCSM Plan stages

Identify and list critical stages of implementation of the PCSM Plan for which a licensed professional or designee shall be present on site.

1. Upon commencement of construction activities to ascertain the Valve Yard Pad area has been flagged and fence erected to prevent access to the area.
2. At completion of Diversion Berm/Channel to ensure it has been constructed to the proposed lines and grades, the specified lining materials have been installed in accordance with the requirements of the plans and specifications, and if applicable, vegetation has been established.
3. At the beginning of construction of the Valve Yard Pad to ensure the infiltration area has not been compacted by construction activities.
4. During construction of the Valve Yard Pad the licensed professional will observe that the BMP is constructed in accordance with the plans and specifications.
5. Following installation of the Valve Yard Pad subgrade to ensure stormwater flow is directed to the outlet structure.
6. For final inspection of constructed BMPs.
7. At the establishment of hard surface stabilization or 70% vegetation covers to allow removal of E&S controls.

NOTICE OF INTENT (NOI) FOR COVERAGE UNDER THE EROSION AND SEDIMENT CONTROL GENERAL PERMIT (ESCGP-3) FOR EARTH DISTURBANCE ASSOCIATED WITH OIL AND GAS EXPLORATION, PRODUCTION, PROCESSING, OR TREATMENT OPERATIONS OR TRANSMISSION FACILITIES

TABLES IN ADDENDUM OF NOI

SECTION H. POST CONSTRUCTION STORMWATER MANAGEMENT (PLAN) BMPs

Regional Energy Lateral Pipeline – MLV-515RA40-Hildebrandt Tie-In

b. Summary Table for Supporting Calculation and Measurement Data

(See NOI Instructions for additional guidance with this section)

The remainder of this section (Summary Table for Calculation and Measurement Data) does not need to be completed for areas of projects involving oil and gas activities authorized by Chapter 78 or Chapter 78a (well pads) or pipelines and other similar utility infrastructure which will be restored to meadow in good condition or better or existing conditions.

Watershed Name: Toby Creek

Volume Control design storm frequency 2-year Rainfall amount 3.40 inches	Pre-construction	Post Construction	Net Change
Impervious area (acres)	0.0	0.22	+0.22
Volume of stormwater runoff (acre-feet) without planned stormwater BMPs	0.03	0.07	+0.04
Volume of stormwater runoff (acre-feet) with planned stormwater BMPs	[redacted]	0.01	-0.02
Stormwater discharge rate for the design frequency storm	Pre-construction	Post Construction	Net Change
1) 2-Year/24-Hour	0.34	0.20	-0.14
2) 10-Year/24-Hour	0.67	0.38	-0.29
3) 50-year/24-Hour	1.20	0.65	-0.55
4) 100-year/24-Hour	1.52	0.80	-0.72

c. Summary Description of PCSM/SR BMPs

In the lists below, check the BMPs identified in the PCSM Plan. The primary function(s) of the BMP listed in the functions column (infiltration/recharge; detention/retention; water quality). Additional functions may be added if applicable to that BMP. List the stormwater volume and area of runoff to be treated by each BMP type when calculations are required. If any BMP in the PCSM/SR Plan is not listed below, describe it in the space provided after "Other". A summary table with infiltration testing information (Attachment E, included in the NOI Instructions) must be submitted for all Bio-infiltration BMPs included in PCSM/SR plan.

For Rate control provide the volume of stormwater treated and acres treated for the 100-year/24-hour storm event.

For volume control and water quality provide the volume of stormwater treated and acres treated for the 2-year/24-hour storm event.

Key for BMP purpose(s): VC = Volume Control; RC = Rate Control; and WQ = Water Quality

BMP	Function(s)	Purpose(s)	Volume of stormwater treated	Acres treated
Site Restoration ONLY				
☐ Restore Site to Meadow in Good Condition or Better, or Existing Conditions	Infiltration/Recharge Detention/WQ Treatment	☐ VC ☐ RC ☐ WQ	_____	_____
Bio-infiltration areas	Infiltration/Recharge			
☐ Infiltration Trench		☐ VC ☐ RC ☐ WQ	_____	_____
☒ Infiltration Bed		☒ VC ☒ RC ☒ WQ	2,265cf(2-yr); 5,881cf(100-yr)	0.21
☐ Infiltration Basin		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Rain Garden/ Bioretention		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Infiltration Berm				
☐ Vegetated Swale		☐ VC ☐ RC ☐ WQ	_____	_____
Natural Area Conservation	Infiltration/Recharge			
☐ Streamside Buffer Zone		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Wetland Buffer Zone		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Sensitive Area Buffer Zone		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Pre-Construction Drainage Pattern Intact		☐ VC ☐ RC ☐ WQ	_____	_____
Stormwater Retention	Detention/Retention			
☐ Constructed Wetlands		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Wet Ponds		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Retention Basin		☐ VC ☐ RC ☐ WQ	_____	_____
Sediment and Pollutant Removal	Water Quality Treatment			
☐ Vegetated Filter Strips		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Compost Filter Sock		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Detention Basins		☐ VC ☐ RC ☐ WQ	_____	_____
Access Road Design	Infiltration/Recharge			
☐ Road Crowning		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Ditches		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Turnouts		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Culverts		☐ VC ☐ RC ☐ WQ	_____	_____

☐ Roadside Vegetated Filter Strips		☐ VC ☐ RC ☐ WQ	_____	_____
Stormwater Energy Dissipaters	Infiltration/Recharge			
☐ Level Spreaders		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Riprap Aprons		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Upslope Diversions		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Other_____		☐ VC ☐ RC ☐ WQ	_____	_____

d. Critical PCSM Plan stages

Identify and list critical stages of implementation of the PCSM Plan for which a licensed professional or designee shall be present on site.

1. Upon commencement of construction activities to ascertain the Valve Yard Pad area has been flagged and fence erected to prevent access to the area.
2. At completion of Diversion Channel to ensure it has been constructed to the proposed lines and grades, the specified lining materials have been installed in accordance with the requirements of the plans and specifications, and if applicable, vegetation has been established.
3. At the beginning of construction of the Valve Yard Pad to ensure the infiltration area has not been compacted by construction activities.
4. During construction of the Valve Yard Pad the licensed professional will observe that the BMP is constructed in accordance with the plans and specifications.
5. Following installation of the Valve Yard Pad subgrade to ensure stormwater flow is directed to the outlet structure.
6. For final inspection of constructed BMPs.
7. At the establishment of hard surface stabilization or 70% vegetation covers to allow removal of E&S controls.

NOTICE OF INTENT (NOI) FOR COVERAGE UNDER THE EROSION AND SEDIMENT CONTROL GENERAL PERMIT (ESCGP-3) FOR EARTH DISTURBANCE ASSOCIATED WITH OIL AND GAS EXPLORATION, PRODUCTION, PROCESSING, OR TREATMENT OPERATIONS OR TRANSMISSION FACILITIES

TABLES IN ADDENDUM OF NOI

SECTION H. POST CONSTRUCTION STORMWATER MANAGEMENT (PLAN) BMPs

Effort Loop Pipeline-MLV-505LD86 Sugar Hollow Valve Yard

b. Summary Table for Supporting Calculation and Measurement Data

(See NOI Instructions for additional guidance with this section)

The remainder of this section (Summary Table for Calculation and Measurement Data) does not need to be completed for areas of projects involving oil and gas activities authorized by Chapter 78 or Chapter 78a (well pads) or pipelines and other similar utility infrastructure which will be restored to meadow in good condition or better or existing conditions.

Watershed Name: Pohopoco Creek

Volume Control design storm frequency 2-year Rainfall amount 3.26 inches	Pre-construction	Post Construction	Net Change
Impervious area (acres)	0.09	0.62	+0.53
Volume of stormwater runoff (acre-feet) without planned stormwater BMPs	0.35	0.44	+0.09
Volume of stormwater runoff (acre-feet) with planned stormwater BMPs	[redacted]	0.28	-0.07
Stormwater discharge rate for the design frequency storm DA-1	Pre-construction	Post Construction	Net Change
1) 2-Year/24-Hour	0.01	0.01	-0.00
2) 10-Year/24-Hour	0.37	0.31	-0.06
3) 50-year/24-Hour	5.89	4.21	-1.68
4) 100-year/24-Hour	11.47	8.28	-3.19
Stormwater discharge rate for the design frequency storm DA-2	Pre-construction	Post Construction	Net Change
1) 2-Year/24-Hour	4.51	3.97	-0.54
2) 10-Year/24-Hour	12.49	12.28	-0.21
3) 50-year/24-Hour	26.58	24.35	-2.23
4) 100-year/24-Hour	35.41	31.74	-3.67

c. Summary Description of PCSM/SR BMPs

In the lists below, check the BMPs identified in the PCSM Plan. The primary function(s) of the BMP listed in the functions column (infiltration/recharge; detention/retention; water quality). Additional functions may be added if applicable to that BMP. List the stormwater volume and area of runoff to be treated by each BMP type when calculations are required. If any BMP in the PCSM/SR Plan is not listed below, describe it in the space provided after "Other". A summary table with infiltration testing information (Attachment E, included in the NOI Instructions) must be submitted for all Bio-infiltration BMPs included in PCSM/SR plan.

For Rate control provide the volume of stormwater treated and acres treated for the 100-year/24-hour storm event.

For volume control and water quality provide the volume of stormwater treated and acres treated for the 2-year/24-hour storm event.

Key for BMP purpose(s): VC = Volume Control; RC = Rate Control; and WQ = Water Quality

BMP	Function(s)	Purpose(s)	Volume of stormwater treated	Acres treated
Site Restoration ONLY				
☐ Restore Site to Meadow in Good Condition or Better, or Existing Conditions	Infiltration/Recharge Detention/WQ Treatment	☐ VC ☐ RC ☐ WQ	_____	_____
Bio-infiltration areas	Infiltration/Recharge			
☐ Infiltration Trench		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Infiltration Bed		☐ VC ☐ RC ☐ WQ	_____	_____
☒ Infiltration Basin		☒ VC ☒ RC ☒ WQ	1,123cf(2-yr); 21,318cf(100-yr)	2.85
☐ Rain Garden/ Bioretention		☐ VC ☐ RC ☐ WQ	_____	_____
☒ Infiltration Berm		☒ VC ☒ RC ☒ WQ	5,915cf(2-yr); 26,924cf(100-yr)	1.54
Natural Area Conservation	Infiltration/Recharge			
☐ Streamside Buffer Zone		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Wetland Buffer Zone		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Sensitive Area Buffer Zone		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Pre-Construction Drainage Pattern Intact		☐ VC ☐ RC ☐ WQ	_____	_____
Stormwater Retention	Detention/Retention			
☐ Constructed Wetlands		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Wet Ponds		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Retention Basin		☐ VC ☐ RC ☐ WQ	_____	_____
Sediment and Pollutant Removal	Water Quality Treatment			
☐ Vegetated Filter Strips		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Compost Filter Sock		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Detention Basins		☐ VC ☐ RC ☐ WQ	_____	_____
Access Road Design	Infiltration/Recharge			
☐ Road Crowning		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Ditches		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Turnouts		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Culverts		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Roadside Vegetated Filter Strips		☐ VC ☐ RC ☐ WQ	_____	_____

Stormwater Energy Dissipaters	Infiltration/Recharge			
☐ Level Spreaders		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Riprap Aprons		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Upslope Diversions		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Other_____		☐ VC ☐ RC ☐ WQ	_____	_____

d. Critical PCSM Plan stages

Identify and list critical stages of implementation of the PCSM Plan for which a licensed professional or designee shall be present on site.

1. For the final grading of the access road, ensuring it is constructed according to the plan details for proper conveyance of runoff.
2. Following final grading and seeding of the diversion channels and basin, in order to confirm they have been constructed according to the plan details for proper collection and conveyance of runoff. Periodic assessments will need to be made to ensure accumulated sediment have been cleaned out so the channels and basin maintain the necessary design volumes.
3. During the layout and excavation of the outlet control structure, the professional or delegate will ensure sizing, materials specifications, and construction procedures are followed to enable proper storage in the basin.
4. Following final grading and seeding of the infiltration berm in order to confirm they have been constructed according to the plan details for proper collection, infiltration, and conveyance of runoff. Periodic assessment will need to be made to ensure that accumulated sediment have been cleaned out so the area behind the berm maintains the necessary design volume.
5. For final inspection of constructed channels, basin and berms.
6. At the establishment of hard surface stabilization or 70% vegetation covers to allow removal of E&S controls.

NOTICE OF INTENT (NOI) FOR COVERAGE UNDER THE EROSION AND SEDIMENT CONTROL GENERAL PERMIT (ESCGP-3) FOR EARTH DISTURBANCE ASSOCIATED WITH OIL AND GAS EXPLORATION, PRODUCTION, PROCESSING, OR TREATMENT OPERATIONS OR TRANSMISSION FACILITIES

TABLES IN ADDENDUM OF NOI

SECTION H. POST CONSTRUCTION STORMWATER MANAGEMENT (PLAN) BMPs

Compressor Station 200

b. Summary Table for Supporting Calculation and Measurement Data

(See NOI Instructions for additional guidance with this section)

The remainder of this section (Summary Table for Calculation and Measurement Data) does not need to be completed for areas of projects involving oil and gas activities authorized by Chapter 78 or Chapter 78a (well pads) or pipelines and other similar utility infrastructure which will be restored to meadow in good condition or better or existing conditions.

Watershed Name: Valley Creek

Volume Control design storm frequency 2-year Rainfall amount 3.30 inches	Pre-construction	Post Construction	Net Change
Impervious area (acres)	0.25	0.40	+0.15
Volume of stormwater runoff (acre-feet) without planned stormwater BMPs	0.07	0.11	+0.04
Volume of stormwater runoff (acre-feet) with planned stormwater BMPs	[redacted]	0.07	-0.00
Stormwater discharge rate for the design frequency storm	Pre-construction	Post Construction	Net Change
1) 2-Year/24-Hour	1.03	0.15	-0.88
2) 10-Year/24-Hour	2.06	1.39	-0.67
3) 50-year/24-Hour	3.19	2.79	-0.40
4) 100-year/24-Hour	3.97	3.50	-0.47

c. Summary Description of PCSM/SR BMPs

In the lists below, check the BMPs identified in the PCSM Plan. The primary function(s) of the BMP listed in the functions column (infiltration/recharge; detention/retention; water quality). Additional functions may be added if applicable to that BMP. List the stormwater volume and area of runoff to be treated by each BMP type when calculations are required. If any BMP in the PCSM/SR Plan is not listed below, describe it in the space provided after "Other". A summary table with infiltration testing information (Attachment E, included in the NOI Instructions) must be submitted for all Bio-infiltration BMPs included in PCSM/SR plan.

For Rate control provide the volume of stormwater treated and acres treated for the 100-year/24-hour storm event.

For volume control and water quality provide the volume of stormwater treated and acres treated for the 2-year/24-hour storm event.

Key for BMP purpose(s): VC = Volume Control; RC = Rate Control; and WQ = Water Quality

BMP	Function(s)	Purpose(s)	Volume of stormwater treated	Acres treated
Site Restoration ONLY				
☐ Restore Site to Meadow in Good Condition or Better, or Existing Conditions	Infiltration/Recharge Detention/WQ Treatment	☐ VC ☐ RC ☐ WQ	_____	_____
Bio-infiltration areas	Infiltration/Recharge			
☐ Infiltration Trench		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Infiltration Bed		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Infiltration Basin		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Rain Garden/ Bioretention		☐ VC ☐ RC ☐ WQ	_____	_____
☒ Infiltration Berm		☒ VC ☒ RC ☒ WQ	3,790cf(2-yr); 11,631cf(100-yr)	0.56
Natural Area Conservation	Infiltration/Recharge			
☐ Streamside Buffer Zone		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Wetland Buffer Zone		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Sensitive Area Buffer Zone		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Pre-Construction Drainage Pattern Intact		☐ VC ☐ RC ☐ WQ	_____	_____
Stormwater Retention	Detention/Retention			
☐ Constructed Wetlands		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Wet Ponds		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Retention Basin		☐ VC ☐ RC ☐ WQ	_____	_____
Sediment and Pollutant Removal	Water Quality Treatment			
☐ Vegetated Filter Strips		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Compost Filter Sock		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Detention Basins		☐ VC ☐ RC ☐ WQ	_____	_____
Access Road Design	Infiltration/Recharge			
☐ Road Crowning		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Ditches		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Turnouts		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Culverts		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Roadside Vegetated Filter Strips		☐ VC ☐ RC ☐ WQ	_____	_____

Stormwater Energy Dissipaters ☐ Level Spreaders ☐ Riprap Aprons ☐ Upslope Diversions ☐ Other_____	Infiltration/Recharge	 ☐ VC ☐ RC ☐ WQ ☐ VC ☐ RC ☐ WQ ☐ VC ☐ RC ☐ WQ ☐ VC ☐ RC ☐ WQ	 _____ _____ _____ _____	 _____ _____ _____ _____

d. Critical PCSM Plan stages

Identify and list critical stages of implementation of the PCSM Plan for which a licensed professional or designee shall be present on site.

1. Following final grading and seeding of the infiltration berm in order to confirm it has been constructed according to the plan details for proper collection, infiltration, and conveyance of runoff. Periodic assessments will need to be made to ensure that accumulated sediment should be cleaned out so the channels and berm maintain necessary design volume.
2. For final inspection of constructed BMPs.
3. At the establishment of hard surface stabilization or 70% vegetation covers to allow removal of E & S controls.

NOTICE OF INTENT (NOI) FOR COVERAGE UNDER THE EROSION AND SEDIMENT CONTROL GENERAL PERMIT (ESCGP-3) FOR EARTH DISTURBANCE ASSOCIATED WITH OIL AND GAS EXPLORATION, PRODUCTION, PROCESSING, OR TREATMENT OPERATIONS OR TRANSMISSION FACILITIES

TABLES IN ADDENDUM OF NOI

SECTION H. POST CONSTRUCTION STORMWATER MANAGEMENT (PLAN) BMPs

Compressor Station 515

b. Summary Table for Supporting Calculation and Measurement Data

(See NOI Instructions for additional guidance with this section)

The remainder of this section (Summary Table for Calculation and Measurement Data) does not need to be completed for areas of projects involving oil and gas activities authorized by Chapter 78 or Chapter 78a (well pads) or pipelines and other similar utility infrastructure which will be restored to meadow in good condition or better or existing conditions.

Watershed Name: Bear Creek

Volume Control design storm frequency 2-year Rainfall amount 3.40 inches	Pre-construction	Post Construction	Net Change
Impervious area (acres)	0.34	2.44	+2.10
Volume of stormwater runoff (acre-feet) without planned stormwater BMPs	0.50	0.81	+0.31
Volume of stormwater runoff (acre-feet) with planned stormwater BMPs	[redacted]	0.18	-0.32
Stormwater discharge rate for the design frequency storm	Pre-construction	Post Construction	Net Change
1) 2-Year/24-Hour	5.46	1.76	-3.70
2) 10-Year/24-Hour	10.19	8.30	-1.89
3) 50-year/24-Hour	16.85	9.55	-7.30
4) 100-year/24-Hour	20.81	9.58	-11.23

c. Summary Description of PCSM/SR BMPs

In the lists below, check the BMPs identified in the PCSM Plan. The primary function(s) of the BMP listed in the functions column (infiltration/recharge; detention/retention; water quality). Additional functions may be added if applicable to that BMP. List the stormwater volume and area of runoff to be treated by each BMP type when calculations are required. If any BMP in the PCSM/SR Plan is not listed below, describe it in the space provided after "Other". A summary table with infiltration testing information (Attachment E, included in the NOI Instructions) must be submitted for all Bio-infiltration BMPs included in PCSM/SR plan.

For Rate control provide the volume of stormwater treated and acres treated for the 100-year/24-hour storm event.

For volume control and water quality provide the volume of stormwater treated and acres treated for the 2-year/24-hour storm event.

Key for BMP purpose(s): VC = Volume Control; RC = Rate Control; and WQ = Water Quality

BMP	Function(s)	Purpose(s)	Volume of stormwater treated	Acres treated
Site Restoration ONLY				
☐ Restore Site to Meadow in Good Condition or Better, or Existing Conditions	Infiltration/Recharge Detention/WQ Treatment	☐ VC ☐ RC ☐ WQ	_____	_____
Bio-infiltration areas	Infiltration/Recharge			
☐ Infiltration Trench		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Infiltration Bed		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Infiltration Basin		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Rain Garden/ Bioretention		☐ VC ☐ RC ☐ WQ	_____	_____
☒ Infiltration Berm		☒ VC ☒ RC ☒ WQ	31,799cf(2-yr); 96,268cf(100-yr)	3.83
Natural Area Conservation	Infiltration/Recharge			
☐ Streamside Buffer Zone		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Wetland Buffer Zone		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Sensitive Area Buffer Zone		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Pre-Construction Drainage Pattern Intact		☐ VC ☐ RC ☐ WQ	_____	_____
Stormwater Retention	Detention/Retention			
☐ Constructed Wetlands		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Wet Ponds		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Retention Basin		☐ VC ☐ RC ☐ WQ	_____	_____
Sediment and Pollutant Removal	Water Quality Treatment			
☐ Vegetated Filter Strips		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Compost Filter Sock		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Detention Basins		☐ VC ☐ RC ☐ WQ	_____	_____
Access Road Design	Infiltration/Recharge			
☐ Road Crowning		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Ditches		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Turnouts		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Culverts		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Roadside Vegetated Filter Strips		☐ VC ☐ RC ☐ WQ	_____	_____

Stormwater Energy Dissipaters	Infiltration/Recharge			
☐ Level Spreaders		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Riprap Aprons		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Upslope Diversions		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Other_____		☐ VC ☐ RC ☐ WQ	_____	_____

d. Critical PCSM Plan stages

Identify and list critical stages of implementation of the PCSM Plan for which a licensed professional or designee shall be present on site.

1. Following final grading and seeding of the collection channels and infiltration berm in order to confirm they have been constructed according to the plan details for proper collection, infiltration, and conveyance of runoff. Periodic assessments will need to be made to ensure that accumulated sediment should be cleaned out so the channels and berm maintain necessary design volume.
2. For final inspection of constructed BMPs.
3. At the establishment of hard surface stabilization or 70% vegetation covers to allow removal of E & S controls.

SECTION I. ANTIDEGRADATION ANALYSIS

This section must be completed where earth disturbance activities will be conducted in the watershed of a surface water with an existing or designated use of exceptional value or high quality pursuant to Chapter 93 (relating to water quality standards), projects where any part is located in an exceptional value wetland in accordance with 25 Pa. Code § 105.17, and projects where any part is located in the watershed of an impaired surface water where the cause of impairment is identified as siltation.

Part 1 - NONDISCHARGE ALTERNATIVES EVALUATION

The applicant must consider and describe any and all non-discharge alternatives for the entire project area which are environmentally sound and will**:**

- Minimize accelerated erosion and sedimentation during the earth disturbance activity
- Achieve no net change from pre-development to post-development volume, rate and concentration of pollutants in water quality

E & S Plan	PCSM/SR Plan
Check off the environmentally sound nondischarge Best Management Practices (BMPs) listed below to be used prior to, during, and after earth disturbance activities that have been incorporated into your E & S Plan based on the site analysis. For non-discharge BMPs not checked, provide an explanation of why they were not utilized. Also for BMPs checked, provide an explanation of why they were utilized. (Provide the analysis and attach additional sheets if necessary) See Section 2 of this ESCGP-3 Application	Check off the environmentally sound nondischarge Best Management Practices (BMPs) listed below to be used after construction that have been incorporated into the PCSM/SR Plan based on your site analysis. For non-discharge BMPs not checked, provide an explanation of why they were not utilized. Also for BMPs checked, provide an explanation of why they were utilized. (Provide the analysis and attach additional sheets if necessary) See Section 3 of this ESCGP-3 Application
Nondischarge BMPs ☐ Alternative Siting ☐ Alternative location ☐ Alternative configuration ☐ Alternative location of discharge ☒ Limited Disturbed Area ☐ Limiting Extent & Duration of Disturbance (Phasing, Sequencing) ☐ Riparian Buffers (150 ft. min.) ☐ Riparian Forest Buffer (150 ft. min.) ☐ Other _____	**Nondischarge BMPs** ☐ Alternative Siting ☐ Alternative location ☐ Alternative configuration ☐ Alternative location of discharge ☐ Low Impact Development (LID / BSD) ☐ Riparian Buffers (150 ft. min.) ☐ Riparian Forest Buffer (150 ft. min.) ☒ Infiltration ☐ Water Reuse ☐ Other _____
Will the non-discharge alternative BMPs eliminate the net change in rate, volume and quality during construction? ☐ Yes ☒ No If yes, antidegradation analysis is complete. If no, proceed to Part 2.	Will the non-discharge alternative BMPs eliminate the net change in rate, volume and quality after construction? ☐ Yes ☒ No If yes, antidegradation analysis is complete. If no, proceed to Part 2.

PART 2 - ANTIDEGRADATION BEST AVAILABLE COMBINATION OF TECHNOLOGIES (ABACT)

If the net change in stormwater discharge from or after construction is not fully managed by nondischarge BMPs, the applicant must utilize ABACT BMPs to manage the difference. The Applicant must specify whether the discharge will occur during construction, post-construction or both, and identify the technologies that will be used to ensure that the discharge will be a non-degrading discharge. ABACT BMPs include but are not limited to:

E & S Plan	PCSM/SR Plan
☒ **Treatment BMPs:** ☐ Sediment basin with skimmer ☐ Sediment basin ratio of 4:1 or greater (flow length to basin width) ☐ Sediment basin with 4-7 day detention ☐ Flocculants ☒ Compost Filter Socks ☒ Compost Filter Sock Sediment Basin ☒ RCE w/ Wash Rack ☒ **Land disposal:** ☐ Vegetated filters ☐ Riparian buffers <150ft. ☐ Riparian Forest Buffer <150ft. ☒ Immediate stabilization ☒ **Pollution prevention:** ☒ PPC Plans ☒ Street sweeping ☒ Channels, collectors and diversions lined with permanent vegetation, rock, geotextile or other non-erosive materials ☐ **Stormwater reuse technologies:** ☐ Sediment basin water for dust control ☐ Sediment basin water for irrigation ☐ **Other** _____	☒ **Treatment BMPs:** ☒ Infiltration Practices ☐ Wet ponds ☐ Created wetland treatment systems ☒ Vegetated swales ☐ Manufactured devices ☒ Bio-retention/infiltration ☐ Green Roofs ☐ **Land disposal:** ☐ Vegetated filters ☐ Riparian Buffers <150ft. ☐ Riparian Forest Buffer <150ft. ☐ Disconnection of roof drainage ☐ Bio-retention/bio-infiltration ☒ **Pollution prevention:** ☐ Street sweeping ☐ Nutrient, pesticide, herbicide or other chemical application plan alternatives ☒ PPC Plans ☒ Non-structural Practices ☒ Restoration BMPs ☐ **Stormwater reuse technologies:** ☐ Divert rainwater into impoundment ☐ Underground storage ☐ Spray/Drip Irrigation ☐ **Other** _____
Are the ABACT BMPs selected sufficient to minimize E&S discharges to the extent that existing or designated surface water uses are protected? ☒ Yes ☐ No If yes, Antidegradation analysis is complete. If no, NOI Application will be returned to the Applicant.	Are the ABACT BMPs selected sufficient to achieve no net change and assure that existing or designated surface water uses are protected? ☒ Yes ☐ No If yes, Antidegradation analysis is complete. If no, NOI Application will be returned to the Applicant.

SECTION J. COMPLIANCE HISTORY REVIEW

Is/was the applicant(s) in violation of any Department regulation, order, schedule of compliance or permit or in violation of any department regulated activities within the past five years?

☒ Yes ☐ No

If yes, provide the permit number or facility name, a brief description of the violation, the compliance schedule (including dates and steps to achieve compliance) and the current compliance status. (Attach additional information on a separate sheet, when necessary)

Permit Program or Activity: Chapter 102, Chapter 105, PAG-10
Permit Number (if applicable):

1. **ESG03000150001, ESG00350150001, ESG00081150001**
2. **E41-649**
3. **E-19-311, E36-947, E-38-195, E40-769,E49-336, E54-360, E58-315, E66-160, E41-667, E18-495,**
4. **PAG109632**

Brief Description of non-compliance:

Consent Assessment of Civil Penalty, Reports past due.

Steps taken to achieve compliance	Date(s) compliance achieved
1. Consent Assessment of Civil Penalty 2. Consent Assessment of Civil Penalty. Permits being obtained to complete channel restoration 3. Consent Assessment of Civil Penalty 4. All past due reports were provided to PADEP	1. 9/20/2020 2. 8/9/2020 3. 9/20/2020 4. 12/14/2017

Current Compliance Status: ☒ In-Compliance ☐ In Non-Compliance

If in non-compliance, attach schedule for achieving compliance.

SECTION K. CERTIFICATION BY PERSON PREPARING E&S AND PCSM/SR PLANS

I do hereby certify to the best of my knowledge, information, and belief, that the Erosion and Sediment Control and PCSM/Site Restoration Plans are true and correct, represent actual field conditions, and are in accordance with the 25 Pa. Code Chapters 78/78a and 102 of the Department's rules and regulations. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment.

Print Name Kevin C. Clark	Signature	Professional Seal
Company BAI Group, LLC		
Address 2525 Green Tech Drive, Suite D, State College, PA-16803		
Phone (814) 238-2060		
Most Recent DEP Training Attended _____	Location _____ Date _____	
e-Mail Address kclark@baigroupllc.com		

EXPEDITED REVIEW PROCESS

In addition to the certification required above, applicants using the expedited permit review process must attach an E&S and PCSM/Site Restoration Plans developed and sealed by a licensed professional engineer, surveyor or professional geologist. The plans shall contain the following certification:

*I do hereby certify to the best of my knowledge, information, and belief, that the E & S Control and PCSM/SR BMPs are true and correct, represent actual field conditions and are in accordance with the 25 Pa. Code Chapters 78 / 78a and 102 of the Department's rules and regulations. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment***.**

SECTION L. APPLICANT CERTIFICATION

Applicant Certification

I certify under penalty of law, as provided by 18 Pa. C.S.A. § 4904, that this application and all related attachments were prepared by me or under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my own knowledge and on inquiry of the person or persons who manage the system or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate and complete. The responsible official's signature also verifies that the activity is eligible to participate in the ESCGP, and that the applicant agrees to abide by the terms and conditions of the permit. BMP's, E&S Plan, PPC Plan, PCSM Plan, and other controls are being or will be, implemented to ensure that water quality standards and effluent limits are attained.

I grant permission to the agencies responsible for the permitting of this work, or their duly authorized representative to enter the project site for inspection purposes. I will abide by the conditions of the permit if issued and will not begin work prior to permit issuance.

(For individuals no indication of title is necessary, choose the box below. All others proceed to the next paragraph)

☐ **Individual; proceed to signature portion.**

I hereby certify under penalty of law, as provided by 18 Pa. C.S.A. § 4904, that I am the person who is responsible for decision-making regarding environmental compliance functions for Transcontinental Gas Pipeline Company, LLC, the manager of one or more manufacturing, production, or operating facilities of the applicant and am authorized to make management decisions which govern the operation of regulated facility including having explicit or implicit duty of making major capital investment recommendations, and initiating and directing other comprehensive measures to assure the applicant's long term environmental compliance with environmental laws and regulations; and I am responsible for ensuring that the necessary systems are established or actions taken to gather complete and accurate information for permit application requirements.

(choose one of the following; not applicable for individuals):

☐ The responsible corporate officer ☐ president ☐ vice president ☐ secretary
☐ treasure of _____ Corporation/Company
Entity name

☒ The ☐ member or ☒ manager of Transcontinental Gas Pipe Line Company, LLC
Entity name

☐ The general partner of _____ partnership/LP/LLP
Entity name

☐ The principal executive officer or ranking elected official of _____ Municipality/State/Federal/other public agency
Entity name

☐ Power of Attorney/delegation of contractual authority (documentation supporting delegation of contracting authority must be provided) for _____
Entity name

_____	_____
Print Name and Title of Applicant	Print Name and Title of Co-Applicant (if applicable)
_____	_____
Signature of Applicant	Signature of Co-Applicant
_____	_____
Date Application Signed	Date Application Signed

Notarization

Sworn to and subscribed to before me this

_____ day of _____, 20_____

_____
Notary Public

AFFIX SEAL

Commonwealth of Pennsylvania

County of _____

My Commission expires _____

SECTION M. ADDITIONAL CONTACT INFORMATION				
Contact's Last Name	First Name	MI	Phone (814) 689-1650	
Nelson	Ryan	J	FAX	
Mailing Address	City		State	ZIP + 4
2525 Green Tech Drive, Suite B	State College		PA	16803
e-Mail Address ryann@whmgroup.com				

Section 1-1.1 NOI Supporting Information

Project Component	Site	Site Location City	ZIP Code	County	Municipality	Total Project Area/Project Site (Acre)	Total Disturbed Area (Acre)	Latitude / Longitude	U.S.G.S. 7.5 min. Topographic Quadrangle	Receiving Waters	Chapter 93, Designated Use Stream Classification	Chapter 93, Existing Use Stream Classification	Siltation Impaired
Regional Energy Lateral	Pipeline			Luzerne	Buck, Bear Creek, Plains, Jenkins, Kingston, Dallas, Wyoming, West Wyoming, Laflin	952.63	420.67 (includes CS 515 and sites below)	41.173337, -75.671706 (eastern terminus) 41.346917, -75.946263 (western terminus)	Kingston, Pittston, Avoca, Wilkes-Barre East, Pleasant View Summit	Stony Run, Shades Creek, Little Shades Creek, Snider Run, Meadow Run, Bear Creek, Little Bear Creek, Mill Creek, Gardner Creek, Susquehanna River, Abrahams Creek, Toby Creek, Trout Brook	MF, HQ-CWF, WWF, CWF	-	No
	CY-LU-001	Wyoming	18644	Luzerne	Wyoming		16.3 (Included within above total)	41.31016, -75.84636		Abrahams Creek	CWF, MF	-	No
	CY-LU-002	Wilkes-Barre	18702	Luzerne	Laflin		11.4 (Included within above total)	41.28491, -75.79026		Gardner Creek	CWF, MF	-	No
	MLV-515RA20	Wilkes-Barre	18702	Luzerne	Bear Creek Township		0.46 (Included within above total)	41.25279, -75.75856		Mill Creek	CWF, MF	-	No
	MLV-515RA30	Wyoming	18644	Luzerne	Wyoming Borough		0.44 (Included within above total)	41.30411, -75.84662		Susquehanna River	WWF		No
	Carverton Tie-in	Wyoming	18644	Luzerne	West Wyoming Borough		3.9 (Included within above total)	41.32053, -75.87270		Abrahams Creek	CWF, MF		No
	Lower Demunds REL Tie-in	Dallas	18612	Luzerne	Dallas Township		1.7 (Included within above total)	41.34652, -75.94551		Trout Brook	CWF, MF		No
	Hildebrandt Tie-in/MLV-515RA40	Dallas	18612	Luzerne	Dallas Township		3.1 (Included within above total)	41.34692, -75.94629		Toby Creek, Trout Brook	CWF, MF		No
	Laflin Borough Stream Stabilization	Wilkes-Barre	18702	Luzerne	Laflin Borough		0.94 (Included within above total)	41.28925, -75.80209		Gardner Creek	CWF, MF	-	No
Effort Loop	Pipeline			Monroe	Ross, Chestnuthill, Tunkhannock	360.63	262.18	40.896796, -75.370606 (Southeast Terminus) 41.053413, -75.526178 (Northwest Terminus)	Blakeslee, Pocono Pines, Brodheadsville, Saylorsburg	Lake Creek, Princess Run, Weir Creek, McMichael Creek, Pohopoco Creek, Sugar Hollow Creek, Poplar Creek, Mud Run, Mud Pond Run, Tunkhannock Creek	EV, MF, HQ-CWF, CWF	EV, MF	No

Project Component	Site	Site Location City	ZIP Code	County	Municipality	Total Project Area/Project Site (Acre)	Total Disturbed Area (Acre)	Latitude / Longitude	U.S.G.S. 7.5 min. Topographic Quadrangle	Receiving Waters	Chapter 93, Designated Use Stream Classification	Chapter 93, Existing Use Stream Classification	Siltation Impaired
	MLV-505LD86 Sugar Hollow Valve Yard	Effort	18330	Monroe	Chestnut Hill Township		8.8 (Included within above total)	40.96775, -75.42980		Sugar Hollow Creek	CWF, MF	-	No
	CY-MO-001	Saylorsburg	18353	Monroe	Ross Township		50.1 (Included within above total)	40.89803, -75.36784		Lake Creek, Princess Run	HQ-CWF, MF, CWF	-	No
Delaware River Regulator		Easton	18040	Northampton	Lower Mt. Bethel	11.28	3.25	40.76220 -75.19653	Bangor, PA	Mud Run	CWF, MF	-	No
Mainline "A" Regulator		Washington Crossing	18977	Bucks	Lower Makefield	0.94	0.530	40.26807, -74.85712	Pennington, NJ-PA	Dyers Creek, Delaware River	MF, WWF	-	No
Compressor Station 200		Frazer	19335	Chester	East Whiteland	20.28	3.16	40.04998, -75.58589	Malvern, PA	Valley Creek	EV, MF, CWF	-	Yes
Compressor Station 515		White Haven	18661	Luzerne	Buck	952.63 (Included with Regional Energy Lateral)	24.83 (included with Regional Energy Lateral)	41.17380, -75.67118	Pleasant View Summit, PA	Shades Creek, Stony Run	HQ-CWF, MF	-	No

COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
BUREAU OF CLEAN WATER

MUNICIPAL NOTIFICATION OF PLANNED LAND DEVELOPMENT FOR CHAPTER 102 PERMITS

PROJECT INFORMATION (COMPLETED BY APPLICANT)

Applicant Name:	**Transcontinental Gas Pipe Line Company, a subsidiary of Williams Partners, L.P.**	Contact Name:	**Joseph Dean** **Manager-Permitting**
Applicant Address:	**2800 Post Oak Blvd, Level 11**	Contact Phone:	**(713) 215-3427**
Applicant City, State, ZIP:	**Houston, TX 77056**	County:	**Monroe**
		Municipality:	**Tunkhannock**
		Project Area:	**105.55** acres ☐ Phased
		Disturbance:	**68.23** acres

Description of Proposed Land Development and Stormwater Controls:

The Effort Loop component of the Regional Energy Access Expansion Project will consist of approximately 13.8 miles of 42-inch pipeline co-located with existing Transco Leidy Lines between Mileposts 43.72 and 57.50 in Ross, Chestnuthill and Tunkhannock Townships, Monroe County. The new pipeline will tie-in to the existing 42-in Leidy Line "D" on both ends, completing the segment. With the segment completed, the existing pig traps (industry term for manifolds that launch or receive in-line inspection tools) at both tie-ins will no longer be needed and will therefore be removed, while the existing mainline valves will remain. Transco will be installing a new mainline valve and appurtenant equipment at Milepost 49.6 off of Sugar Hollow Road. The valve installation is a means to isolate gas flows. One Contractor Yard is proposed at the east end of the pipeline at MP 43.72. One remote anode groundbed is proposed at MP 43.72. E&S BMP's are proposed in Tunkhannock Township.

Tax Parcel ID(s) Affected by Proposed Land Development:

See attached table.

Surface Waters Receiving Stormwater Discharges:

Mud Run, Mud Pond Run, Poplar Creek, Tunkhannock Creek

Discharge to: ☐ MS4 ☐ Other SS ☐ CSS

The following information was submitted to the municipality for this project:

☐ Land Development / Subdivision Plan ☒ E&S Plan ☐ PCSM Plan ☐ Other:

***On March 31, 2021 Transco submitted to you its E&S and PCSM Plans (Plans) as part of the ESCGP-3 permit application notification. Transco provided an update in July 2021 indicating the Erosion and Sediment Control Permit for Discharges of Stormwater Associated with Construction Activities Application was submitted to the PA Dept. of Environmental Protection to replace the ESCGP-3 application. Transco has updated the application in**

response to the PADEP Technical Deficiencies and is providing the updated materials. Updated drawings, location maps, GIF form and Parcel ID tables are included.

MUNICIPAL PLAN / ORDINANCE INFORMATION (COMPLETED BY MUNICIPALITY)		
1. Is there an adopted municipal or multi-municipal comprehensive plan?	☐ Yes	☐ No
2. Is there an enacted municipal or multi-municipal zoning ordinance?	☐ Yes	☐ No
3. If Yes to #2, is the proposed project consistent with the ordinance?	☐ Yes	☐ No
4. Is there a municipal stormwater management ordinance?	☐ Yes	☐ No
5. If Yes to #4, is the proposed project consistent with the ordinance, without waiver?	☐ Yes	☐ No

6. If Yes to #4, indicate type of ordinance: ☐ Act 167 Model Ordinance ☐ DEP Model Ordinance (MS4s) ☐ Other

APPLICANT CERTIFICATION	MUNICIPAL ACKNOWLEDGEMENT
I certify under penalty of law (see 18 Pa.C.S. § 4904 (relating to unsworn falsification)) that the information reported herein was prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the information, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.	The municipality acknowledges that a permit application for the above-referenced project has been submitted to a reviewing agency and that notification requirements of Act 14 of 1984 and Acts 67, 68, and 127 of 2000 have been satisfied. The information reported herein by the municipality is true and accurate. The municipality reserves the right to comment to the reviewing agency relative to comprehensive plans, zoning, and stormwater ordinance consistency. Municipal acknowledgment of receipt of notification shall not be construed as project approval.

Joseph Dean

Applicant Name

Municipal Representative Name

Applicant Signature

Municipal Representative Signature

Manager - Permitting

Applicant Title

Municipal Representative Title

04/06/2022

Date of Signature

Date of Signature

Proof of Delivery

Dear Customer,

This notice serves as proof of delivery for the shipment listed below.

Tracking Number
1Z8797VV0399655388

Weight
3.00 LBS

Service

UPS Ground

Shipped / Billed On
04/06/2022

Delivered On

04/07/2022 12:13 P.M.

Delivered To
LONG POND, PA, US

Received By

KERNAN

Left At
Office

Thank you for giving us this opportunity to serve you. Details are only available for shipments delivered within the last 120 days. Please print for your records if you require this information after 120 days.

Sincerely,

UPS

Tracking results provided by UPS: 04/11/2022 11:05 A.M. EST

Transcontinental Gas Pipe Line Company, LLC

Section 1-11 – General Information Form

Regional Energy Access Expansion Project

April 2021
(Added July 2021)
(Revised March 2022)

pennsylvania
DEPARTMENT OF ENVIRONMENTAL PROTECTION

COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION

GENERAL INFORMATION FORM – AUTHORIZATION APPLICATION

Before completing this General Information Form (GIF), read the step-by-step instructions provided in this application package. This form is used by the Department of Environmental Protection (DEP) to inform our programs regarding what other DEP permits or authorizations may be needed for the proposed project or activity. This version of the General Information Form (GIF) must be completed and returned with any program-specific application being submitted to the DEP.

Related ID#s (If Known)				DEP USE ONLY
Client ID#		**APS ID#**		Date Received & General Notes
Site ID#		**Auth ID#**		
Facility ID#				

CLIENT INFORMATION

DEP Client ID#	Client Type / Code	Dun & Bradstreet ID#
163321	LLC	

Legal Organization Name or Registered Fictitious Name	Employer ID# (EIN)	Is the EIN a SSN?
Transcontinental Gas Pipe Line Company, LLC	74-1079400	☐ Yes ☒ NO

State of Incorporation or Registration of Fictious Name

☐ Corporation ☒ LLC ☐ Partnership ☐ LLP ☐ LP
☐ Sole Proprietorship ☐ Association/Organization
☐ Estate/Trust ☐ Other

Individual Last Name	First Name	MI	Suffix

Additional Individual Last Name	First Name	MI	Suffix

Mailing Address Line 1	Mailing Address Line 2
2800 Post Oak Blvd, Level 11	

Address Last Line – City	State	ZIP+4	Country
Houston	TX	77056	United States

Client Contact Last Name	First Name	MI	Suffix
Dean	Joseph		

Client Contact Title	Phone	Ext	Cell Phone
Manager, Permitting	(713) 215-3427		

Email Address	FAX
Joseph.Dean@Williams.com	

SITE INFORMATION

DEP Site ID#	Site Name
	Regional Energy Access Expansion Project

EPA ID# **Estimated Number of Employees to be Present at Site**

Description of Site
The Project is an expansion of an existing natural gas transmission system consisting of pipelines, modification of three existing compressor stations and additional existing ancillary facilities.

Tax Parcel ID(s):

County Name(s)	Municipality(ies)	City	Boro	Twp	State
Luzerne	Buck, Bear Creek, Plains, Jenkins, Kingston, Dallas, Wyoming, West Wyoming, Laflin	☐	☒	☒	PA
Monroe	Ross, Chestnuthill, Tunkhannock	☐	☐	☒	PA
Northampton	Lower Mt. Bethel	☐	☐	☒	PA
Bucks	Lower Makefield	☐	☐	☒	PA
Chester	East Whiteland	☐	☐	☒	PA
		☐	☐	☒	PA
		☐	☒	☐	PA

Site Location Line 1	Site Location Line 2
See Section 1.1 - GIF Supporting Information	

Site Location Last Line – City	State	ZIP+4

Detailed Written Directions to Site
See Secton 1.1 - GIF Supporting Information for locations of all project sites.

Site Contact Last Name	First Name	MI	Suffix
Henry	Josh		

Site Contact Title	Site Contact Firm
Environmental Specialist	Transcontinental Gas Pipe Line Company, LLC.

Mailing Address Line 1	Mailing Address Line 2
2000 Commerce Drive, Park Place 2	

Mailing Address Last Line – City	State	ZIP+4
Pittsburgh	PA	15275

Phone	Ext	FAX	Email Address
(412) 787- 4277			Josh.Henry@Williams.com

NAICS Codes (Two- & Three-Digit Codes – List All That Apply) **6-Digit Code** (Optional)
221

Client to Site Relationship
OWNOP

FACILITY INFORMATION

Modification of Existing Facility	Yes	No
1. **Will this project modify an existing facility, system, or activity?**	☒	☐
2. **Will this project involve an addition to an existing facility, system, or activity?**	☒	☐

If "Yes", check all relevant facility types and provide DEP facility identification numbers below.

	Facility Type	DEP Fac ID#		Facility Type	DEP Fac ID#
☐	Air Emission Plant		☐	Industrial Minerals Mining Operation	
☐	Beneficial Use (water)		☐	Laboratory Location	
☐	Blasting Operation		☐	Land Recycling Cleanup Location	
☐	Captive Hazardous Waste Operation		☐	Mine Drainage Treatment / Land Recycling Project Location	
☐	Coal Ash Beneficial Use Operation		☐	Municipal Waste Operation	
☐	Coal Mining Operation		☐	Oil & Gas Encroachment Location	
☐	Coal Pillar Location		☐	Oil & Gas Location	
☐	Commercial Hazardous Waste Operation		☐	Oil & Gas Water Poll Control Facility	
☐	Dam Location		☐	Public Water Supply System	
☐	Deep Mine Safety Operation -Anthracite		☐	Radiation Facility	
☐	Deep Mine Safety Operation -Bituminous		☐	Residual Waste Operation	
☐	Deep Mine Safety Operation -Ind Minerals		☐	Storage Tank Location	
☐	Encroachment Location (water, wetland)		☐	Water Pollution Control Facility	
☐	Erosion & Sediment Control Facility		☐	Water Resource	
☐	Explosive Storage Location		☒	Other: Natural Gas Transmission	

Latitude/Longitude Point of Origin	Latitude Degrees	Latitude Minutes	Latitude Seconds	Longitude Degrees	Longitude Minutes	Longitude Seconds
See Section 1.1 - GIF Supporting Information						

Horizontal Accuracy Measure	Feet	*--or--*	Meters
Horizontal Reference Datum Code	☐ North American Datum of 1927 ☒ North American Datum of 1983 ☐ World Geodetic System of 1984		
Horizontal Collection Method Code	GISDR		
Reference Point Code	CNTAR		
Altitude	Feet	*--or--*	Meters
Altitude Datum Name	☐ The National Geodetic Vertical Datum of 1929 ☒ The North American Vertical Datum of 1988 (NAVD88)		
Altitude (Vertical) Location Datum Collection Method Code	TOPO		

Geometric Type Code	POINT				
Data Collection Date	2020				
Source Map Scale Number	1	Inch(es)	=	2,000	Feet
--or--		Centimeter(s)	=		Meters

PROJECT INFORMATION

Project Name
Regional Energy Access Expansion Project

Project Description
The Project is an expansion of Transco's existing natural gas transmission system that will enable Transco to provide an incremental 829,400 dekatherms per day (Dth/d) of year-round firm transportation capacity from the Marcellus Shale production area in northeastern Pennsylvania (PA) to multiple delivery points along Transco's Leidy Line in PA, Transco's mainline at the Station 210 Zone 6 Pooling Point in Mercer County, New Jersey (NJ) and multiple delivery points in Transco's Zone 6 in NJ, PA, and Maryland (MD). The Project will consist of the following components:

• Approximately 22.2 miles of 30-inch-diameter pipeline partially collocated with Transco's Leidy Line A from milepost (MP) 0.00 to MP 22.32 in Luzerne County, PA (Regional Energy Lateral);

• Approximately 13.8 miles of 42-inch-diameter pipeline collocated with Transco's Leidy Line System from MP 43.72 to MP 57.50 in Monroe County, PA (Effort Loop);

• New electric motor-driven compressor station identified as Compressor Station 201 with 9,000 nominal horsepower (HP) in Gloucester County, NJ;

• Addition of two gas-fired turbine driven compressor units with 31,800 nominal HP at ISO conditions at existing Compressor Station 505 in Somerset County, NJ, to accommodate the abandonment and replacement of approximately 16,000 HP from eight existing internal combustion engine-driven compressor units and increase the certificated station compression by 15,800 HP;

• Addition of two gas-fired turbine driven compressor units with 63,742 nominal HP at ISO conditions and modification of three existing compressors at existing Compressor Station 515 in Luzerne County, PA to support the Project and to accommodate the abandonment and replacement of approximately 17,000 HP from five existing gas-fired reciprocating engine driven compressors and increase the certificated station compression by 46,742 HP;

• Uprate and rewheel two existing electric motor-driven compressor units at existing Compressor Station 195 in York County, PA to increase the certificated station compression by 6,000 HP and accommodate the abandonment of two existing gas-fired reciprocating engine driven compressors, which total approximately 8,000 HP;

• Modifications at existing Compressor Station 200 in Chester County, PA;

• Uprate one existing electric motor-driven compressor unit at Compressor Station 207 in Middlesex County, NJ to increase the certificated station compression by 4,100 HP;

• Modifications to three (3) existing pipeline tie-ins in PA (Hildebrandt Tie-in, Lower Demunds REL Tie-in, and Carverton Tie-in);

• Addition of regulation controls at an existing valve setting on Transco's Mainline "A" in Bucks County, PA (Mainline A Regulator);

• Modifications at the existing Delaware River Regulator in Northampton County, PA;

• Modifications at the existing Centerville Regulator in Somerset County, NJ;

• Modifications to the existing valves and piping at the Princeton Junction (Station 210 Pooling Point) in Mercer County, NJ;

• Modifications to three (3) existing delivery meter stations in NJ (Camden M&R Station, Lawnside M&R Station, and Mt. Laurel M&R Station);

• Modifications to one (1) existing delivery meter station in MD (Beaver Dam M&R Station);

• Contractual changes (no modifications) at ten (10) existing delivery meter stations in PA and NJ (Algonquin-Centerville Meter Station, Post Road Meter Station, New Village Meter Station, Spruce Run Meter Station, Marcus Hook Meter Station, Ivyland Meter Station, Repaupo Meter Station, Morgan Meter Station, Lower Mud Run Meter Station, and Chesterfield Meter Station);

• Additional ancillary facilities, such as mainline valves (MLVs), cathodic protection, communication facilities, and internal inspection device (e.g., pig) launchers and receivers in PA; and

• Existing, improved, and new access roads and contractor yards/staging areas in PA, NJ, and MD.

In an ongoing effort to reduce its air emissions footprint, Transco is assessing the replacement of vintage gas-fired reciprocating engine driven compressors with more efficient state-of-the-art gas-fired turbine driven compressors. The proposed compression abandonment and replacement scopes at Transco's existing Compressor Station 505 and Compressor Station 515 are part of this effort and have been adopted into the Project scope. Additionally, the uprate and optimization of existing electric motor-driven compression to accommodate abandonment of gas-fired reciprocating engine driven compression at Compressor Station 195 has also been adopted into the Project scope.

The Algonquin-Centerville, Post Road, New Village, Spruce Run, Marcus Hook, Ivyland, Repaupo, Morgan, Lower Mud Run, and Chesterfield Meter Stations can accommodate the contractual changes proposed as part of this Project; therefore, no modifications are proposed at these facilities

Project Consultant Last Name	**First Name**	**MI**	**Suffix**
Nelson	Ryan		

Project Consultant Title	**Consulting Firm**
Senior Project Manager	WHM Consulting, LLC

Mailing Address Line 1	**Mailing Address Line 2**
2525 Green Tech Drive; Suite B	

Address Last Line – City	**State**	**ZIP+4**
State College	PA	16803

Phone	**Ext**	**FAX**	**Email Address**
(814) 689-1650	102		ryann@whmgroup.com

Time Schedules	**Project Milestone (Optional)**
March 2021	Submit 401 WQC
April 2021	Submit Chapter 102 / 105 Permits
2nd Quarter of 2023	Commence Construction
4th Quarter 2024	In-service Date

1. Is the project located in or within a 0.5-mile radius of an Environmental Justice community as defined by DEP? ☒ Yes ☐ No

To determine if the project is located in or within a 0.5-mile radius of an environmental justice community, please use the online Environmental Justice Areas Viewer.

2. Have you informed the surrounding community prior to submitting the application to the Department? ☒ Yes ☐ No

Method of notification:

1) Open house schedule mailed to affected parties;

2) Newspaper advertisements of open houses placed in newspapers of general circulation in the Project area;

3) Open houses (a mixture of virtual and in-person) held in the county of each major project scope item;
4) Newspaper advertisements prior to commencement of construction, which will be placed in those same publications;
5) Notification to businesses potentially affected by construction;
6) Designation of a point of contact for stakeholder communication;
7) A Project toll free telephone number for public inquiries; and
•8) A Project website with periodic updates of relevant information.

3. Have you addressed community concerns that were identified? ☒ Yes ☐ No ☐ N/A

If no, please briefly describe the community concerns that have been expressed and not addressed.

4. Is your project funded by state or federal grants? ☐ Yes ☒ No

Note: If "Yes", specify what aspect of the project is related to the grant and provide the grant source, contact person and grant expiration date.

Aspect of Project Related to Grant
Grant Source: _____
Grant Contact Person: _____
Grant Expiration Date: _____

5. Is this application for an authorization on Appendix A of the Land Use Policy? (For referenced list, see Appendix A of the Land Use Policy attached to GIF instructions) ☒ Yes ☐ No

Note: If "No" to Question 5, the application is not subject to the Land Use Policy.
If "Yes" to Question 5, the application is subject to this policy and the Applicant should answer the additional questions in the **Land Use Information** section.

LAND USE INFORMATION

Note: Applicants should submit copies of local land use approvals or other evidence of compliance with local comprehensive plans and zoning ordinances.

1.	**Is there an adopted county or multi-county comprehensive plan?**	☒	Yes	☐	No
2.	**Is there a county stormwater management plan?**	☒	Yes	☐	No
3.	**Is there an adopted municipal or multi-municipal comprehensive plan?**	☒	Yes	☐	No
4.	**Is there an adopted county-wide zoning ordinance, municipal zoning ordinance or joint municipal zoning ordinance?**	☒	Yes	☐	No
5.	**Does the proposed project meet the provisions of the zoning ordinance or does the proposed project have zoning approval?** If zoning approval has been received, attach documentation.	☒	Yes	☐	No
6.	**Have you attached Municipal and County Land Use Letters for the project?**	☐	Yes	☒	No

Note: If the Applicant answers "No" to either Questions 1, 3 or 4, the provisions of the PA MPC are not applicable and the Applicant does not need to respond to questions 5 and 6 below.
If the Applicant answers "Yes" to questions 1, 3 and 4, the Applicant should respond to questions 5 and 6 below.

* This Project is regulated by the Federal Energy Regulatory Commission (FERC) under the Natural Gas Act. FERC has exclusive jurisdiction over siting of the Project, therefore, local zoning is preempted.

COORDINATION INFORMATION

Note: The PA Historical and Museum Commission must be notified of proposed projects in accordance with DEP Technical Guidance Document 012-0700-001 utilizing the Project Review Form.

If the activity will be a mining project (i.e., mining of coal or industrial minerals, coal refuse disposal and/or the operation of a coal or industrial minerals preparation/processing facility), respond to questions 1.0 through 2.5 below.

If the activity will not be a mining project, skip questions 1.0 through 2.5 and begin with question 3.0.

1.0	**Is this a coal mining project?** If "Yes", respond to 1.1-1.6. If "No", skip to Question 2.0.	☐	Yes	☒	No
1.1	**Will this coal mining project involve coal preparation/ processing activities in which the total amount of coal prepared/processed will be equal to or greater than 200 tons/day?**	☐	Yes	☐	No
1.2	**Will this coal mining project involve coal preparation/ processing activities in which the total amount of coal prepared/processed will be greater than 50,000 tons/year?**	☐	Yes	☐	No
1.3	**Will this coal mining project involve coal preparation/ processing activities in which thermal coal dryers or pneumatic coal cleaners will be used?**	☐	Yes	☐	No
1.4	**For this coal mining project, will sewage treatment facilities be constructed and treated waste water discharged to surface waters?**	☐	Yes	☐	No
1.5	**Will this coal mining project involve the construction of a permanent impoundment meeting one or more of the following criteria: (1) a contributory drainage area exceeding 100 acres; (2) a depth of water measured by the upstream toe of the dam at maximum storage elevation exceeding 15 feet; (3) an impounding capacity at maximum storage elevation exceeding 50 acre-feet?**	☐	Yes	☐	No
1.6	**Will this coal mining project involve underground coal mining to be conducted within 500 feet of an oil or gas well?**	☐	Yes	☐	No
2.0	**Is this a non-coal (industrial minerals) mining project?** If "Yes", respond to 2.1-2.6. If "No", skip to Question 3.0.	☐	Yes	☒	No
2.1	**Will this non-coal (industrial minerals) mining project involve the crushing and screening of non-coal minerals other than sand and gravel?**	☐	Yes	☐	No
2.2	**Will this non-coal (industrial minerals) mining project involve the crushing and/or screening of sand and gravel with the exception of wet sand and gravel operations (screening only) and dry sand and gravel operations with a capacity of less than 150 tons/hour of unconsolidated materials?**	☐	Yes	☐	No
2.3	**Will this non-coal (industrial minerals) mining project involve the construction, operation and/or modification of a portable non-metallic (i.e., non-coal) minerals processing plant under the authority of the General Permit for Portable Non-metallic Mineral Processing Plants (i.e., BAQ-PGPA/GP-3)?**	☐	Yes	☐	No
2.4	**For this non-coal (industrial minerals) mining project, will sewage treatment facilities be constructed and treated waste water discharged to surface waters?**	☐	Yes	☐	No
2.5	**Will this non-coal (industrial minerals) mining project involve the construction of a permanent impoundment meeting one or more of the following criteria: (1) a contributory drainage area exceeding 100 acres; (2) a depth of water measured by the upstream toe of the dam at maximum storage elevation exceeding 15 feet; (3) an impounding capacity at maximum storage elevation exceeding 50 acre-feet?**	☐	Yes	☐	No

3.0	**Will your project, activity, or authorization have anything to do with a well related to oil or gas production, have construction within 200 feet of, affect an oil or gas well, involve the waste from such a well, or string power lines above an oil or gas well?** If "Yes", respond to 3.1-3.3. If "No", skip to Question 4.0.	☐	Yes	☒	No
3.1	**Does the oil- or gas-related project involve any of the following: placement of fill, excavation within or placement of a structure, located in, along, across or projecting into a watercourse, floodway or body of water (including wetlands)?**	☐	Yes	☐	No
3.2	**Will the oil- or gas-related project involve discharge of industrial wastewater or stormwater to a dry swale, surface water, ground water or an existing sanitary sewer system or storm water system?** If "Yes", discuss in *Project Description*.	☐	Yes	☐	No
3.3	**Will the oil- or gas-related project involve the construction and operation of industrial waste treatment facilities?**	☐	Yes	☐	No
4.0	**Will the project involve a construction activity that results in earth disturbance?** If "Yes", specify the total disturbed acreage.	☒	Yes	☐	No
	4.0.1 Total Disturbed Acreage + / - 672				
	4.0.2 Will the project discharge or drain to a special protection water (EV or HQ) or an EV wetland?	☒	Yes	☐	No
	4.0.3 Will the project involve a construction activity that results in earth disturbance in the area of the earth disturbance that are contaminated at levels exceeding residential or non-residential medium-specific concentrations (MSCs) in 25 Pa. Code Chapter 250 at residential or non-residential construction sites, respectively?	☐	Yes	☒	No
5.0	**Does the project involve any of the following: water obstruction and/or encroachment, wetland impacts, or floodplain project by the Commonwealth/political subdivision or public utility?** If "Yes", respond to 5.1-5.7. If "No", skip to Question 6.0.	☒	Yes	☐	No
5.1	**Water Obstruction and Encroachment Projects – Does the project involve any of the following: placement of fill, excavation within or placement of a structure, located in, along, across or projecting into a watercourse, floodway or body of water?**	☒	Yes	☐	No
5.2	**Wetland Impacts – Does the project involve any of the following: placement of fill, excavation within or placement of a structure, located in, along, across or projecting into a wetland?**	☒	Yes	☐	No
5.3	**Floodplain Projects by the Commonwealth, a Political Subdivision of the Commonwealth or a Public Utility – Does the project involve any of the following: placement of fill, excavation within or placement of a structure, located in, along, across or projecting into a floodplain?**	☐	Yes	☒	No
5.4	**Is your project an interstate transmission natural gas pipeline?**	☒	Yes	☐	No
5.5	**Does your project consist of linear construction activities which result in earth disturbance in two or more DEP regions AND three or more counties?**	☒	Yes	☐	No
5.6	**Does your project utilize Floodplain Restoration as a best management practice for Post Construction Stormwater Management?**	☐	Yes	☒	No
5.7	**Does your project utilize Class V Gravity / Injection Wells as a best management practice for Post Construction Stormwater Management?**	☐	Yes	☒	No
6.0	**Will the project involve discharge of construction related stormwater to a dry swale, surface water, ground water or separate storm water system?**	☒	Yes	☐	No

6.1	**Will the project involve discharge of industrial waste stormwater or wastewater from an industrial activity or sewage to a dry swale, surface water, ground water or an existing sanitary sewer system or separate storm water system?**	☒	Yes	☐	No
7.0	**Will the project involve the construction and operation of industrial waste treatment facilities?**	☐	Yes	☒	No
8.0	**Will the project involve construction of sewage treatment facilities, sanitary sewers, or sewage pumping stations?** If "Yes", indicate estimated proposed flow (gal/day). Also, discuss the sanitary sewer pipe sizes and the number of pumping stations/treatment facilities/name of downstream sewage facilities in the *Project Description*, where applicable.	☐	Yes	☒	No
	8.0.1 Estimated Proposed Flow (gal/day)				
9.0	**Will the project involve the subdivision of land, or the generation of 800 gpd or more of sewage on an existing parcel of land or the generation of an additional 400 gpd of sewage on an already-developed parcel, or the generation of 800 gpd or more of industrial wastewater that would be discharged to an existing sanitary sewer system?**	☐	Yes	☒	No
	9.0.1 Was Act 537 sewage facilities planning submitted and approved by DEP? If "Yes" attach the approval letter. Approval required prior to 105/NPDES approval.	☐	Yes	☐	No
10.0	**Is this project for the beneficial use of biosolids for land application within Pennsylvania?** If "Yes" indicate how much (i.e. gallons or dry tons per year).	☐	Yes	☒	No
	10.0.1 Gallons Per Year (residential septage)				
	10.0.2 Dry Tons Per Year (biosolids)				
11.0	**Does the project involve construction, modification or removal of a dam?** If "Yes", identify the dam.	☐	Yes	☒	No
	11.0.1 Dam Name				
12.0	**Will the project interfere with the flow from, or otherwise impact, a dam?** If "Yes", identify the dam.	☐	Yes	☒	No
	12.0.1 Dam Name				
13.0	**Will the project involve operations (excluding during the construction period) that produce air emissions (i.e., NOX, VOC, etc.)?**	☒	Yes	☐	No
	13.0.1 If "Yes", is the operation subject to the agricultural exemption in 35 P.S. § 4004.1?	☐	Yes	☒	No

13.0.2 If the answer to 13.0.1 is "No", identify each type of emission followed by the estimated amount of that emission.

Enter all types & amounts of emissions; separate each set with semicolons.

Summary of Compressor Station 515 Estimated Net Operational Potential to Emit (PTE): NOx - 196.8; CO - 314.40; VOC - 50.6; SO2 - 14.0; PM10/PM2.5 - 30.6; Single HAP (formaldehyde)- 8.7; Total HAP - 12.2; CO2e - 511,413 = Annual (tpy)

Summary of Pipeline and M&R Station Estimated Operational Potential to Emit (PTE): VOC - 1.17; Single HAP - 0.20; Total HAP - 0.20; CO2e - 5460.47 = Annual (tpy)

Modifications to Compressor Station 195 and Compressor Station 200 only include uprating existing electric motor-driven compression capacity or piping and valve modifications; therefore, Transco anticipates these facilities will have insignificant operational emissions.

14.0	**Does the project include the construction or modification of a drinking water supply to serve 15 or more connections or 25 or more people, at least 60 days out of the year?** If "Yes", check all proposed sub-facilities.	☐	Yes	☒	No
	14.0.1 Number of Persons Served _____				
	14.0.2 Number of Employee/Guests _____				
	14.0.3 Number of Connections _____				
	14.0.4 Sub-Fac: Distribution System	☐	Yes	☐	No
	14.0.5 Sub-Fac: Water Treatment Plant	☐	Yes	☐	No
	14.0.6 Sub-Fac: Source	☐	Yes	☐	No
	14.0.7 Sub-Fac: Pump Station	☐	Yes	☐	No
	14.0.8 Sub Fac: Transmission Main	☐	Yes	☐	No
	14.0.9 Sub-Fac: Storage Facility	☐	Yes	☐	No
15.0	**Will your project include infiltration of storm water or waste water to ground water within one-half mile of a public water supply well, spring or infiltration gallery?**	☒	Yes	☐	No
16.0	**Is your project to be served by an existing public water supply?** If "Yes", indicate name of supplier and attach letter from supplier stating that it will serve the project.	☐	Yes	☒	No
	16.0.1 Supplier's Name _____				
	16.0.2 Letter of Approval from Supplier is Attached	☐	Yes	☐	No
17.0	**Will this project be served by on-lot drinking water wells?**	☐	Yes	☒	No
18.0	**Will this project involve a new or increased drinking water withdrawal from a river, stream, spring, lake, well or other water bod(ies)?** If "Yes", reference Safe Drinking Water Program.	☐	Yes	☒	No
	18.0.1 Source Name				
19.0	**Will the construction or operation of this project involve treatment, storage, reuse, or disposal of waste?** If "Yes", indicate what type (i.e., hazardous, municipal (including infectious & chemotherapeutic), residual) and the amount to be treated, stored, re-used or disposed.	☐	Yes	☒	No
	19.0.1 Type & Amount				
20.0	**Will your project involve the removal of coal, minerals, contaminated media, or solid waste as part of any earth disturbance activities?**	☐	Yes	☒	No
21.0	**Does your project involve installation of a field constructed underground storage tank?** If "Yes", list each Substance & its Capacity. **Note:** Applicant may need a Storage Tank Site Specific Installation Permit.	☐	Yes	☒	No
	21.0.1 Enter all substances & capacity of each; separate each set with semicolons.				
22.0	**Does your project involve installation of an aboveground storage tank greater than 21,000 gallons capacity at an existing facility?** If "Yes", list each Substance & its Capacity. **Note:** Applicant may need a Storage Tank Site Specific Installation Permit.	☐	Yes	☒	No
	22.0.1 Enter all substances & capacity of each; separate each set with semicolons.				
23.0	**Does your project involve installation of a tank greater than 1,100 gallons which will contain a highly hazardous substance as defined in DEP's Regulated Substances List, 2570-BK-DEP2724?** If "Yes", list each Substance & its Capacity. **Note:** Applicant may need a Storage Tank Site Specific Installation Permit.	☐	Yes	☒	No
	23.0.1 Enter all substances & capacity of each; separate each set with semicolons.				

24.0	**Does your project involve installation of a storage tank at a new facility with a total AST capacity greater than 21,000 gallons?** If "Yes", list each Substance & its Capacity. **Note:** Applicant may need a Storage Tank Site Specific Installation Permit. **24.0.1 Enter all substances & capacity of each; separate each set with semicolons.**	☐	Yes	☒	No

NOTE: If the project includes the installation of a regulated storage tank system, including diesel emergency generator systems, the project may require the use of a Department Certified Tank Handler. For a full list of regulated storage tanks and substances, please go to www.dep.pa.gov search term storage tanks

25.0	**Will the intended activity involve the use of a radiation source?**	☐	Yes	☒	No

CERTIFICATION

I certify that I have the authority to submit this application on behalf of the applicant named herein and that the information provided in this application is true and correct to the best of my knowledge and information.

For applicants supplying an EIN number: I am applying for a permit or authorization from the Pennsylvania Department of Environmental Protection (DEP). As part of this application, I will provide DEP with an accurate EIN number for the applicant entity. By filing this application with DEP, I hereby authorize DEP to confirm the accuracy of the EIN number provided with the Pennsylvania Department of Revenue. As applicant, I further consent to the Department of Revenue discussing the same with DEP prior to issuance of the Commonwealth permit or authorization.

Type or Print Name Joseph Dean

Signature	Title	Date
	Manager, Permitting	02/24/2022

GIF Supporting Information

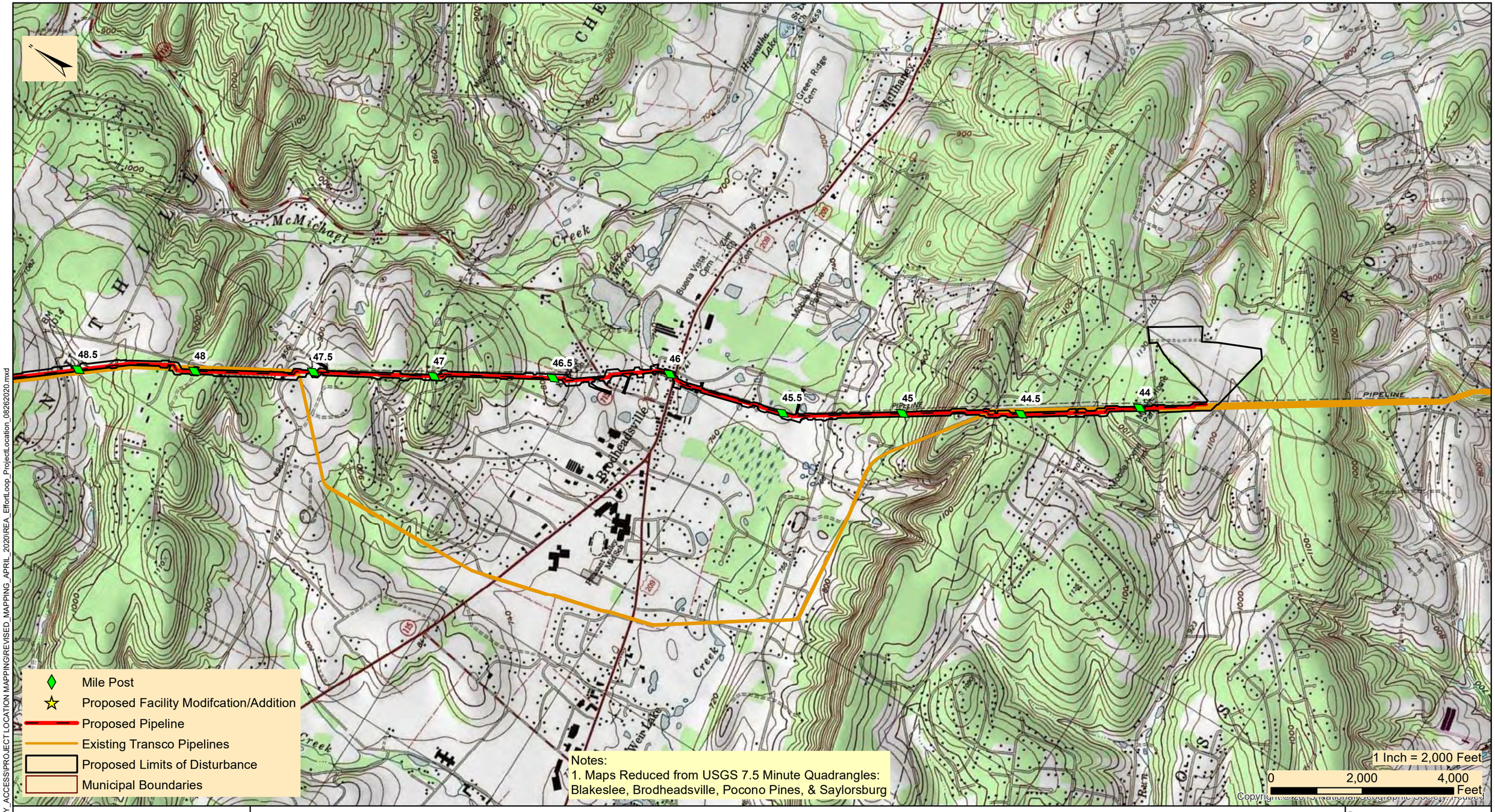
Project Component	Site	Site Location City	ZIP Code	Detailed Written Directions to Site	Latitude / Longitude
Effort Loop	Eastern Terminus	Saylorsburg	18353	From 209: heading East – Turn Right onto Frable Rd/T432. Follow for 1.7 miles. Turn Right onto Meixsell Valley Road/T361. Follow for .2 miles then turn left. Destination is in ~340 feet. Heading West-Turn Left onto Rte 115. Follow for 1.1 miles, then turn right onto Meixsell Valley Rd/T361. Continue for 1.4 miles then turn left. Destination is in ~340 feet.	40.896796, -75.370606
	Western Terminus	Long Pond	18334	From I-80: Heading East- Take exit 284 for PA-115 towards Blakeslee. Keep right at the fork, follow signs for Lake Harmony/Brodheadsville and merge on PA-115 S. Follow for 3.2 miles. Turn Left onto Long Pond Road. Destination will be in ~.2 miles. Heading West- Take exit 384 for PA-115 S. Turn left onto PA-115 S. Follow for 3.4 miles. Turn Left onto Long Pond Rd. Destination will be in ~.2 miles.	41.053413, -75.526178
Regional Energy Lateral	Eastern Terminus	White Haven	18661	From I-80: Heading West-Take exit 284 towards Blakeslee. Merge onto PA-115 N. Follow for 8.2 Miles. Turn Right onto Ridgeway Ave. Destination will be in .2 miles. Heading East- Take exit 284 towards Blakeslee. Turn left onto PA-115 N. Follow for 8.4 miles. Turn Right onto Ridgeway Ave. Destination will be in .2 miles. From I-476: Heading South- Take exit 105 to merge onto PA-115 S. Follow PA-115 S for 8.4 miles. Turn left onto Ridgeway Ave. Destination will be in .2 Miles	41.173337, -75.671706
	Western Terminus	Dallas	18612	From PA-309: Heading South-Head South on PA-309 S toward Dallas RV and MHP. Turn Left onto Hildebrandt Rd. Follow for .4 miles then turn right onto Conyngham Ave. Follow for .4 miles. Continue onto Fairground Road. Destination will be to the left in .2 Miles. Heading North-Head North on PA-309 N toward Grandview Ave. Turn right onto Hildebrandt Rd. Follow for .4 miles then turn right onto Conyngham Ave. Follow for .4 miles. Continue onto Fairground Road. Destination will be to the left in .2 Miles.	41.346917, -75.946263
Compressor Station 515		White Haven	18661	Same as REL Eastern Terminus	41.173337, -75.671706
Compressor Station 200		Frazer	19355	From I-76: East Bound- Take exit 312 toward PA-100 S/Pottstown Pike (Toll Rd). Keep left at the fork and follow signs for PA-100 S/Downingtown and merge onto PA-100 S/Pottstown Pike. Follow for 2.5 miles. Turn left onto N. Ship Rd and follow for .6 miles. Turn left onto Valley Hill Rd and follow for 1.7 miles. Turn right onto PA-401 E. Follow for .5 miles then turn right onto Bacton Hill Rd. Destination will be in .5 Miles. Heading West-Take exit 320 toward Melvern Turn left onto PA-29 S. Turn right at the 1st cross street onto Flat Rd. Turn right onto Sidley Road and then in .4 miles, turn left onto Phoenixville Pike. In .9 miles turn right onto PA-401 W and follow for 1 mile. Turn left onto N. Bacton Hill Road. Destination will be on the right in .5 miles.	40.049969, -75.585849
Delaware River Regulator/Lower Mud Run Meter Station		Easton	18040	To Delaware River Regulator- From 22: East Bound- Take the 4th Street/PA-248 Exit toward PA-611. Turn Left onto PA-248 E/Bushkill St. Follow for .4 miles then turn left onto PA-611 N. Keep right to continue on PA-611 N/N Delaware Dr and follow for 5 miles. Turn Left onto Lower Mud Run Rd. Destination will be on the left in .4 miles. To Lower Mud Run Meter Station- Head +/- 200' northwest from the Delaware River Regulator. The site is immediately adjacent to Delaware River Regulator.	40.762166, -75.19644/ 40.762706, -75.197631
Main Line A Regulator		Washington Crossing	18977	From I-295: Take exit 10 toward New Hope. Turn left onto Taylorsville Rd. Continue straight to stay on Taylorsville Rd. In .9 miles turn right onto Mt Eyre Rd. Follow for .2 miles then turn right onto PA-32 S. The destination will be on the right in 407 feet.	40.268063, -74.857125

Transcontinental Gas Pipe Line Company, LLC

Requirement I – Project Location Map

Regional Energy Access Expansion Project – Effort Loop

April 2021
(Revised March 2022)



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Williams®

TRANSCONTINENTAL GAS PIPE LINE COMPANY, LLC

REGIONAL ENERGY ACCESS EXPANSION PROJECT

PROPOSED 42" LEIDY D EFFORT LOOP

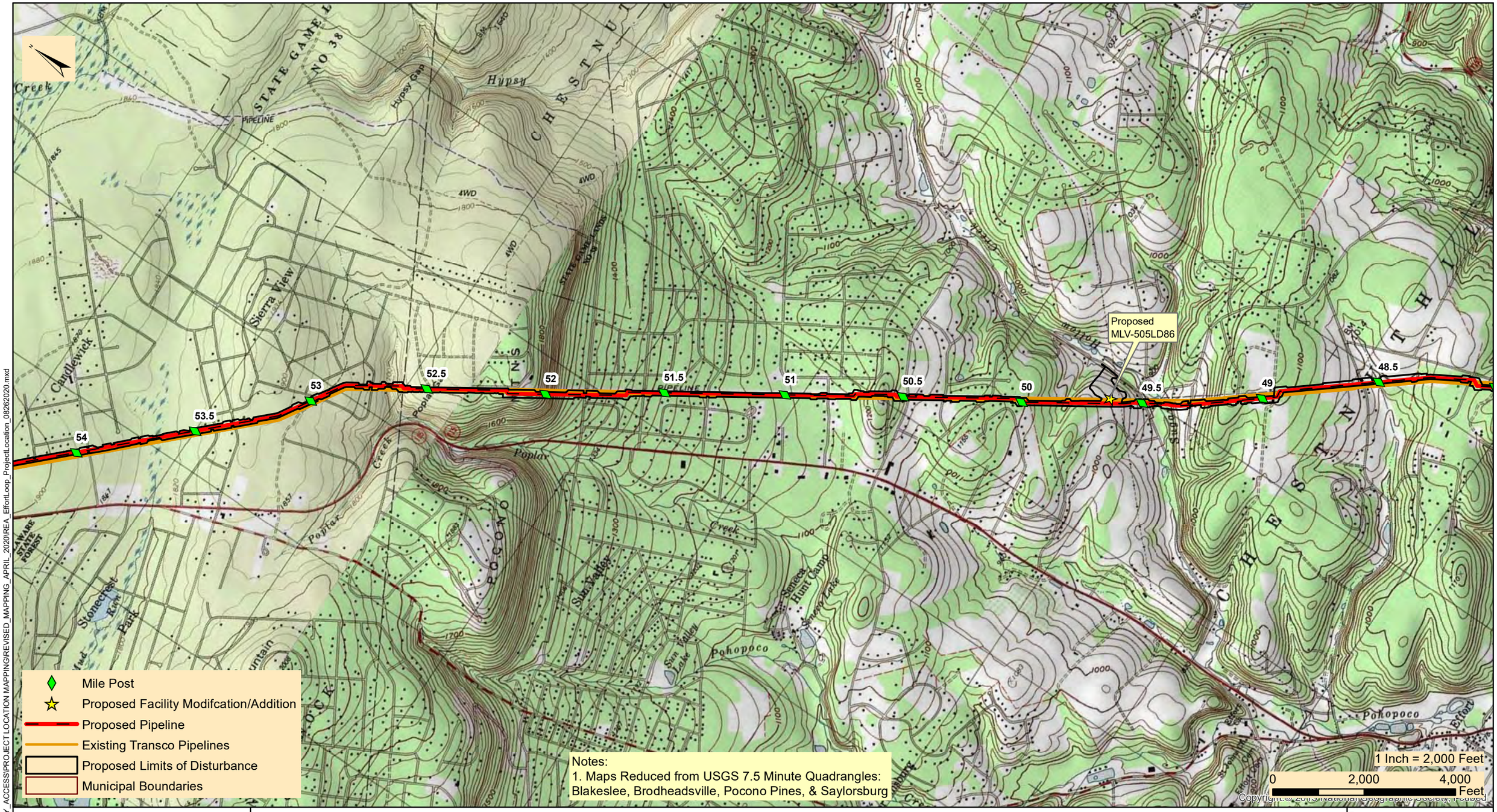
PROJECT LOCATION MAP

CHESTNUT HILL & ROSS TOWNSHIP | MONROE COUNTY | PENNSYLVANIA

Date: 2/10/2022

Drawn By: FTN

Figure Number: EL-1



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TRANSCONTINENTAL GAS PIPE LINE COMPANY, LLC

REGIONAL ENERGY ACCESS EXPANSION PROJECT

PROPOSED 42" LEIDY D EFFORT LOOP

PROJECT LOCATION MAP

CHESTNUT HILL & TUNKHANNOCK TOWNSHIP | MONROE COUNTY | PENNSYLVANIA

Date: 2/10/2022

Drawn By: FTN

Figure Number: EL-2

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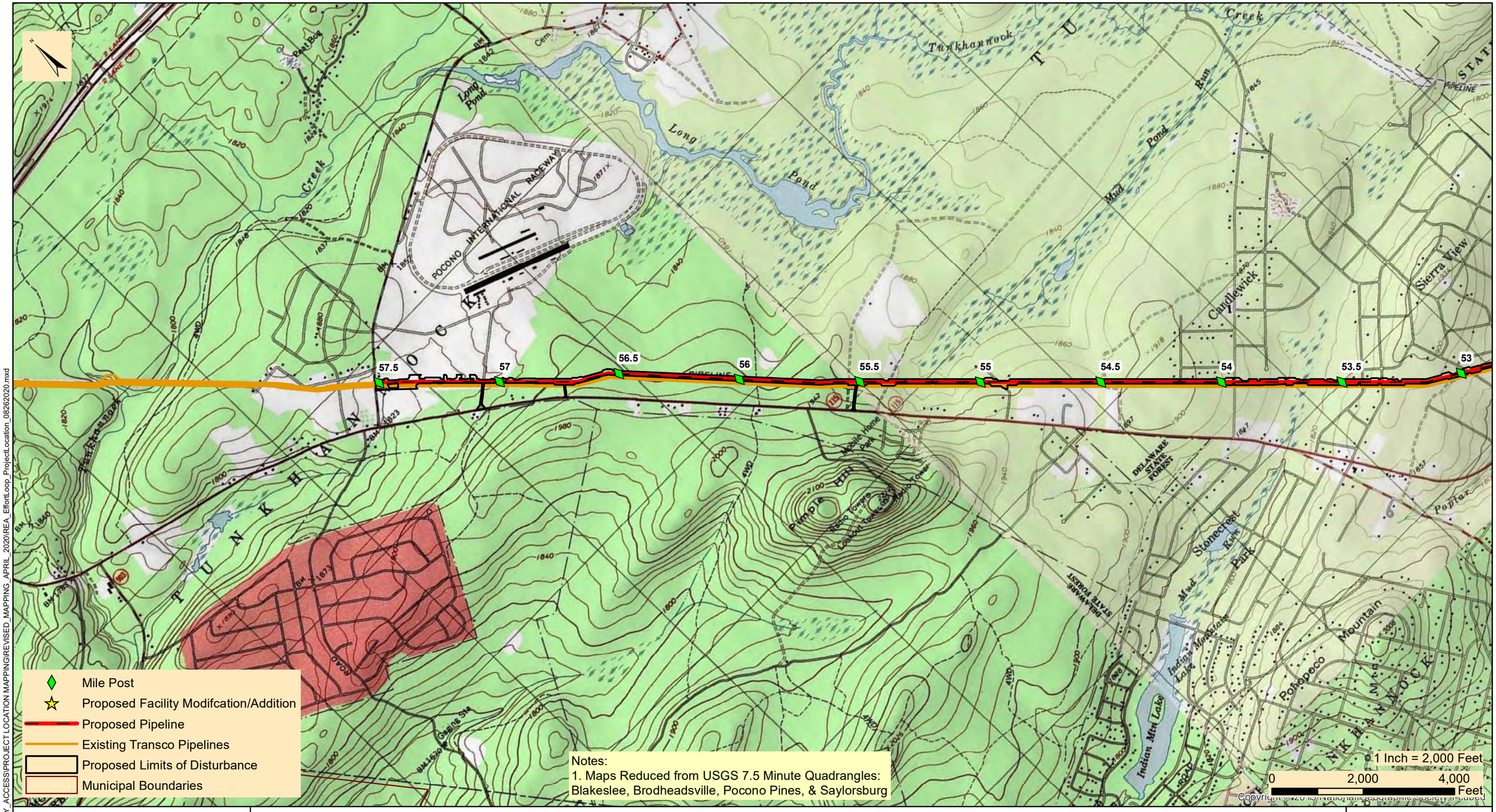

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TRANSCONTINENTAL GAS PIPE LINE COMPANY, LLC

REGIONAL ENERGY ACCESS EXPANSION PROJECT

PROPOSED 42" LEIDY D EFFORT LOOP

PROJECT LOCATION MAP

TUNKHANNOCK TOWNSHIP | MONROE COUNTY | PENNSYLVANIA

Date: 2/10/2022

Drawn By: FTN

Figure Number: EL-3

SECTION 1.6.3
CHESTER COUNTY
(COMPRESSOR STATION 200)

pennsylvania
DEPARTMENT OF ENVIRONMENTAL PROTECTION

COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
BUREAU OF CLEAN WATER

COUNTY NOTIFICATION OF PLANNED LAND DEVELOPMENT FOR CHAPTER 102 PERMITS

PROJECT INFORMATION (COMPLETED BY APPLICANT)

Applicant Name:	**Transcontinental Gas Pipe Line Company, a subsidiary of Williams Partners, L.P.**	Contact Name:	**Joseph Dean** **Manager-Permitting**
Applicant Address:	**2800 Post Oak Blvd, Level 11**	Contact Phone:	**(713) 215-3427**
Applicant City, State, ZIP:	**Houston, TX 77056**	County:	**Chester**

Description of Proposed Land Development and Stormwater Controls:

The existing Compressor Station 200 component of the Regional Energy Access Expansion Project is proposed to connect the existing Trancso Mainline A into suction to support south flow. E&S and PCSM BMP's are proposed.

Municipality: **East Whiteland**

Project Area: **20.28** acres ☐ Phased

Disturbance: **3.16** acres

Surface Waters Receiving Stormwater Discharges:
Valley Creek

Discharge to: ☐ MS4 ☐ Other SS ☐ CSS

Tax Parcel ID(s) Affected by Proposed Land Development:

4203 0065000 & 4203 0066000

The following information was submitted to the county for this project:

☐ Land Development / Subdivision Plan ☒ E&S Plan ☒ PCSM Plan ☐ Other:

***On March 31, 2021 Transco submitted to you its E&S and PCSM Plans (Plans) as part of the ESCGP-3 permit application notification. The purpose of this notice is to let you know that Transco will be submitting an Erosion and Sediment Control Permit for Discharges of Stormwater Associated with Construction Activities Application to the PA Dept. of Environmental Protection to replace the ESCGP-3 application. Please refer to the previously submitted Plans.**

COUNTY PLAN INFORMATION (COMPLETED BY COUNTY)

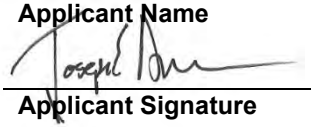
Name of county organization completing this assessment:

1.	Is there an adopted county or multi-county comprehensive plan?	☐ Yes	☐ No	
2.	If Yes to #1, is the proposed project consistent with the county plan?	☐ Yes	☐ No	
3.	Is there a DEP-approved Act 167 stormwater management plan?	☐ Yes	☐ No	☐ CCD
4.	If Yes to #3, is the proposed project consistent with the Act 167 plan, without waiver?	☐ Yes	☐ No	☐ CCD
5.	If Yes to #3, list the date of the latest plan / update approved by DEP:			☐ CCD

APPLICANT CERTIFICATION	COUNTY ACKNOWLEDGEMENT
I certify under penalty of law (see 18 Pa.C.S. § 4904 (relating to unsworn falsification)) that the information reported herein was prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the information, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.	The county acknowledges that a permit application for the above-referenced project has been submitted to a reviewing agency and that notification requirements of Act 14 of 1984 and Acts 67, 68, and 127 of 2000 have been satisfied. The information reported herein by the county is true and accurate. County acknowledgment of receipt of notification shall not be construed as project approval.

Joseph Dean

Applicant Name



Applicant Signature

Manager - Permitting

Applicant Title

07/01/2021

Date of Signature

County Representative Name

County Representative Signature

County Representative Title

Date of Signature

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March 31, 2021

UPS TRACKING (1Z8797VV0390653557)

Chester County Commissioners
313 West Market Street, Suite 6202
West Chester, PA 19382

Re: Regional Energy Access Expansion Project – Compressor Station 200
Pennsylvania Acts 14, 67, 68, and 127 Notification
East Whiteland Township, Chester County, Pennsylvania

Dear County Commissioners:

This municipal notice, under the requirements of Act 14, 97 P.S. § 510-5, is to inform you that Transcontinental Gas Pipe Line Company, LLC (Transco), a subsidiary of The Williams Companies, Inc. (Williams) is applying for coverage under the Erosion and Sediment Control General Permit (ESCGP-3) for Earth Disturbance Associated with Oil & Gas Exploration, Production, Processing or Treatment Operations or Transmission Facilities from the Pennsylvania Department of Environmental Protection (DEP).

1) Project Name: Regional Energy Access Expansion Project – Compressor Station 200

2) Project Description: Transco, indirectly owned by The Williams Companies, Inc. (Williams), is seeking authorization from the Federal Energy Regulatory Commission (FERC or Commission) under Section 7(c) of the Natural Gas Act and Part 157 of the Commission's regulations, to construct, own, operate, and maintain the proposed Project facilities. The Project is an expansion of Transco's existing natural gas transmission system that will enable Transco to provide an incremental 829,400 dekatherms per day (Dth/d) of year-round firm transportation capacity from the Marcellus Shale production area in northeastern Pennsylvania (PA) to multiple delivery points along Transco's Leidy Line in PA, Transco's mainline at the Station 210 Zone 6 Pooling Point in Mercer County, New Jersey (NJ) and multiple delivery points in Transco's Zone 6 in NJ, PA, and Maryland (MD).

The existing Compressor Station 200 component of the Project is located in East Whiteland Township, Chester County. Proposed are compressor station modifications to connect the existing Trancso Mainline A into suction to support south flow.

3) Applicant Name: Transcontinental Gas Pipe Line Company, LLC's (Transco), a subsidiary of Williams Partners L.P. (Williams)

4) Applicant Contact: Joseph Dean
Environmental Manager
2800 Post Oak Blvd, Level 11
Houston, TX 77056
(713) 215-3417

5) Site Location: The proposed Project is located on the Malvern, Pennsylvania, 7.5 Minute USGS quadrangle at: 40° 2'59.88"N, 75°35'10.73"W.

6) Municipality / County: East Whiteland Township, Chester County

Act 14, which amended the Commonwealth's Administrative Code (71 P.S. § 510-5), requires every applicant for a new, amended, or revised permit to give written notice to each municipality (borough, township) and

county government in which the facility is located. The municipality and county government must receive the written notice at least thirty (30) - days before DEP may issue or deny approval of coverage.

Enclosed is a complete copy of the Notice of Intent (NOI) completed for the project as well as copies of the erosion and sediment control plan and post construction stormwater management plans.

Sincerely,

Ryan J. Nelson, PWS
WHM Consulting, LLC

Enclosures:

NOI Form
Erosion and Sediment Control Plan Drawings
Post Construction Stormwater Management Plan Drawings

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DEPARTMENT OF ENVIRONMENTAL PROTECTION

COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
OFFICE OF WATER PROGRAMS
OFFICE OF OIL AND GAS MANAGEMENT

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NOTICE OF INTENT (NOI) FOR COVERAGE UNDER THE EROSION AND SEDIMENT CONTROL GENERAL PERMIT (ESCGP-3) FOR EARTH DISTURBANCE ASSOCIATED WITH OIL AND GAS EXPLORATION, PRODUCTION, PROCESSING, OR TREATMENT OPERATIONS OR TRANSMISSION FACILITIES

READ THE INSTRUCTIONS PROVIDED IN THIS PERMIT APPLICATION PACKAGE BEFORE COMPLETING THIS FORM. PLEASE PRINT OR TYPE INFORMATION IN BLACK OR BLUE INK.

SECTION A. APPLICATION TYPE

Check one:

NEW ☒ **RENEWAL** ☐ **MAJOR MODIFICATIONS (Provide ESCGP number)** ☐

PHASED ☐ (check only if applicable; *note: Most projects are not submitted as phased projects*)

Check one: EXPEDITED ☐ **STANDARD** ☒

If an Expedited Review Process being requested, be advised that the Expedited Review is not available for all projects. Refer to Section D - Expedited Review Process of the ESCGP-3 NOI Instructions to determine if the project is eligible.

SECTION B. CLIENT INFORMATION

Applicant's Last Name (If applicable)	First Name	MI	Telephone No.
Organization Name or Registered Fictitious Name Transcontinental Gas Pipe Line Company, LLC (Contact: Joseph Dean)			Telephone No. (713) 215-3427
DEP Client ID No.			
Headquarters Mailing Address 2800 Post Oak Blvd, Level 11	City Houston	State TX	ZIP Code 77056
Email Address Joseph.Dean@williams.com			
Co-Applicant's Last Name (If applicable)	First Name	MI	Telephone No.
Organization Name or Registered Fictitious Name			Telephone No.

Address	City	State	ZIP Code
Email Address			

SECTION C. SITE INFORMATION			
Is there an existing ESCGP associated with this site? ☐ Yes ☒ No If yes, Permit No. _____			
Has a well permit application been submitted for this site? ☐ Yes ☒ No If yes, Permit No. _____ Does this site have a 911 address? ☐ Yes ☒ No If yes, provide site location address.			
Site Name Regional Energy Access Expansion Project			
Site Location See Attachment 1-1.1- NOI Supporting Information	Site No. (if another permit has been issued for the site)		
Site Location – City See Attachment 1-1.1- NOI Supporting Information		State PA	ZIP Code
Detailed Written Directions to Site See Attachment 1-1.1- NOI Supporting Information for locations of all project sites			

Primary Location	County	Municipality	City	Boro	Twp.
	Luzerne, Northhampton, Bucks, Chester, and Monroe	Buck, Bear Creek, Plains, Jenkins, Kingston, Lower Mt. Bethel, Ross, Chestnut Hill, Tunkhannock, Lower Makefield, East Whiteland and Dallas Townships Wyoming, West Wyoming, and Laflin Boroughs	☐	☒	☒

SECTION D. EXPEDITED REVIEW	
I. Expedited Review Eligibility	
1. Is any part of the project in the watershed of a surface water with an existing or designated use of exceptional value or high quality pursuant to Chapter 93 (relating to water quality standards), in an exceptional value wetland in accordance with 25 Pa. Code § 105.17, or in the watershed of an impaired surface water where the cause of the impairment is identified as siltation?	☒ Yes ☐ No
2. Will the project in which the well pad will be constructed be in or on a floodplain?	☐ Yes ☒ No
3. Is any earth disturbance located or proposed to be located on land known to be contaminated by the release of regulated substances as defined in Section 103 of Act 2, 35 P.S. § 6026.103?	☐ Yes ☒ No
4. Will naturally occurring geologic formations or soil conditions provide hazards to the project or surrounding environment or have the potential to cause or contribute to pollution when disturbed?	☒ Yes ☐ No
5. Do any unresolved non-compliance issues exist with the applicant or the facility?	☐ Yes ☒ No
6. Is the project a transmission project?	☒ Yes ☐ No

If yes to any of the above questions the project is not eligible for Expedited Review; If the project is eligible for Expedited Review, all the following items must be completed.	
II. Expedited Review Process	
1. Is the technically and administratively complete and accurate NOI package prepared and certified by a licensed professional?	☐ Yes ☐ No
2. Are E&S and PCSM/Site Restoration Plan drawings and narrative prepared and sealed by a licensed professional? *(Include interim restoration details when needed)*	☐ Yes ☐ No
3. Include a Resource Delineation Report and answer the following questions: (If the answer to question a. is "Yes" then skip to #4. If the answer to a. is "No" the applicant must answer "Yes" to at least one of the questions, b. through d. to be eligible for expedited review.)	
a. Were all wetland resources delineated during the growing season?	☐ Yes ☐ No
b. If not during the growing season, was a follow-up visit conducted during the growing season to verify/adjust boundaries and look for potentially missed resources?	☐ Yes ☐ No
c. Was a quality assurance field review conducted at a later date by an independent qualified wetland professional to verify boundaries and look for potentially missed resources? (If yes, attach Quality Assurance Field Review Report)	☐ Yes ☐ No
d. Was a Jurisdictional Determination (JD) or Preliminary JD conducted by the US Army Corps of Engineers on the whole project? (If yes, attach Preliminary or Jurisdictional Determination Report)	☐ Yes ☐ No
4. If applicable, have you included PNDI clearance letters or other documentation from applicable resource agencies?	☐ Yes ☐ No
5. If the project site contains, is along, or within 100 feet of a river, stream, creek, lake, pond or reservoir, will you establish new or preserve existing riparian forest buffer at least 100 feet in width between the top of streambank or normal pool elevation of a lake, pond or reservoir and areas of earth disturbances. If no, will a waiver be obtained? ☐ Yes ☐ No	☐ Yes ☐ No
6. Name of Licensed Professional Company	
Address	
Phone	

SECTION E. PROJECT INFORMATION			
1. Total Project Area/Project Site (Ac):	1,346 (Also see Attachment 1-1.1)	Total Disturbed Area (Ac):	689.8 (Also see Attachment 1-1.1)
Increased disturbed acreage *(for permit modification only)*			
Fee: ***(For additional information regarding fees, refer to NOI Instructions #3 Permit NOI Filing Fees.)***			$ $500 (Filing Fee), $69,000 (Disturbed Acre Fee)
2. Project Name: Regional Energy Access Expansion Project			

3. Project Type (Check all that apply)

- ☐ Oil/Gas Well [1]
- ☐ Gathering Facility
- ☐ Treatment Facility
- ☒ Compressor Station
- ☒ Pipeline
- ☐ Storage Field Facility
- ☐ Other
- ☒ Transmission Facility
- ☐ Processing Facility
- ☐ Well Development Impoundment
- ☐ Non-FERC regulated Transmission Facility
- ☐ Ground/Surface Water Withdrawal Site

[1] If Oil/Gas Well; is the well conventional or unconventional? ☐ Conventional ☐ Unconventional

Project Description

Transco, indirectly owned by The Williams Companies, Inc. (Williams), is seeking authorization from the Federal Energy Regulatory Commission (FERC or Commission) under Section 7(c) of the Natural Gas Act and Part 157 of the Commission's regulations, to construct, own, operate, and maintain the proposed Project facilities

The Project is an expansion of Transco's existing natural gas transmission system that will enable Transco to provide an incremental 829,400 dekatherms per day (Dth/d) of year-round firm transportation capacity from the Marcellus Shale production area in northeastern Pennsylvania (PA) to multiple delivery points along Transco's Leidy Line in PA, Transco's mainline at the Station 210 Zone 6 Pooling Point in Mercer County, New Jersey (NJ) and multiple delivery points in Transco's Zone 6 in NJ, PA, and Maryland (MD). The Project will consist of the following components:
•Approximately 22.3 miles of 30-inch-diameter pipeline partially collocated with Transco's Leidy Line A from milepost (MP) 0.00 to MP 22.32 in Luzerne County, PA (Regional Energy Lateral);
• Approximately 13.8 miles of 42-inch-diameter pipeline collocated with Transco's Leidy Line System from MP 43.72 to MP 57.50 in Monroe County, PA (Effort Loop);
• New gas-fired turbine driven compressor station identified as Compressor Station 201 with 11,107 nominal horsepower (HP) at International Organization of Standardization (ISO) conditions in Gloucester County, NJ;
• Addition of two gas-fired turbine driven compressor units with 31,800 nominal HP at ISO conditions at existing Compressor Station 505 in Somerset County, NJ, to accommodate the abandonment and replacement of approximately 16,000 HP from eight existing internal combustion engine-driven compressor units and increase the certificated station compression by 15,800 HP;
• Addition of two gas-fired turbine driven compressor units with 63,742 nominal HP at ISO conditions and modification of three existing compressors at existing Compressor Station 515 in Luzerne County, PA to support the Project and to accommodate the abandonment and replacement of approximately 17,000 HP from five existing gas-fired reciprocating engine driven compressors and increase the certificated station compression by 46,742 HP;
• Uprate and rewheel two existing electric motor-driven compressor units at existing Compressor Station 195 in York County, PA to increase the certificated station compression by 5,000 HP and accommodate the abandonment of two existing gas-fired reciprocating engine driven compressors which total approximately 8,000 HP of compression;
•Modifications at existing Compressor Station 200 in Chester County, PA;
•Uprate one existing electric motor-driven compressor unit at Compressor Station 207 in Middlesex County, NJ to increase the certificated station compression by 4,100 HP;
• Modifications to three (3) existing pipeline tie-ins in PA (Hildebrandt Tie-in, Lower Demunds REL Tie-in, and Carverton Tie-in);
•Addition of regulation controls at an existing valve setting on Transco's Mainline "A" in Bucks County, PA (Mainline A Regulator);
•Modifications at the existing Delaware River Regulator in Northampton County, PA;
•Modifications at the existing Centerville Regulator in Somerset County, NJ;
•Modifications to the existing valves and piping at the Princeton Junction (Station 210 Pooling Point) in Mercer County, NJ;
• Modifications to three (3) existing delivery meter stations in NJ (Camden M&R Station, Lawnside M&R Station, and Mt. Laurel M&R Station);
•Modifications to one (1) existing delivery meter station in MD (Beaver Dam M&R Station);
•Contractual changes (no modifications) at ten (10) existing delivery meter stations in PA and NJ (Algonquin-Centerville Meter Station, Post Road Meter Station, New Village Meter Station, Spruce Run Meter Station, Marcus Hook Meter Station, Ivyland Meter Station, Repaupo Meter Station, Morgan Meter Station, Lower Mud Run Meter Station, and Chesterfield Meter Station);
• Additional ancillary facilities, such as mainline valves (MLVs), cathodic protection, communication facilities, and internal inspection device (e.g., pig) launchers and receivers in PA; and
• Existing, improved, and new access roads and contractor yards/staging areas in PA, NJ, and MD.
Provide the date of pre-application meeting (if conducted with the Department) 04/27/20, 07/09/20, 09/04/20, 09/30/20, 12/15/20, 12/16/20, 01/06/21, 02/05/21

4. Provide the latitude and longitude coordinates for the center of the project. The coordinates should be in Decimal degrees and North American Datum 1983. The coordinates must meet the current DEP policy regarding locational accuracy. For linear projects provide the project's termini. See Attachment 1-1.1

Latitude (DD) . Longitude (DD) - .

Latitude (DD) . Longitude (DD) - .

Horizontal Collection Method: ☐ GPS ☒ Interpolated from U.S.G.S. Topographic Map ☐ DEP's eMAP

5. U.S.G.S. 7.5 min. topographic quadrangle Name (See Attachment 1-1.1)
(*Include a copy of the project area on the 7.5 min quad map)*

6. Will the project be conducted as a phased permit project? ☐ Yes ☒ No
If Yes, Include Master Site Plan Estimated Timetable for Phased Projects. ☐ Additional sheet(s) attached.

Phase No. or Name	Description	Total Area	Disturbed Area	Start Date	End Date

7. List existing and previous land use for a minimum of the previous 5 years. (See Section 2 of this ESCGP-3 Application)

8. Other Pollutants: Will the stormwater discharge contain pollutional substances other than sediment? ☐ Yes ☒ No

9. Will fuels, chemicals, solvents, other hazardous waste or materials be used or stored on site during earth disturbance activities or will Horizontal Directional Drilling (HDD) activities be conducted?
Yes ☒ No ☐ ***(If yes, Preparedness, Prevention and Contingency (PPC) Plan must be maintained on site during earth disturbance. See NOI Instructions, E.9 PPC Plan Guidance for further information.)***

10. Is the project in the watershed of an impaired surface water where the cause of the impairment is identified as siltation?
Yes ☒ No ☐ (See Section 2-5 of this ESCGP-3 Application) ***(If yes, show how the project will not result in a net change in volume, rate or water quality. See section I below, and E.10 of NOI instructions.)***

11. Are there potentially hazardous naturally occurring geological or soil conditions in any portion of the project or surrounding area? Yes ☒ No ☐

If yes, do the potentially hazardous geologic or soil conditions have the potential to cause or contribute to pollution as a result of the proposed earth disturbance activities?

If no, provide an explanation.

If yes, Geologic Hazard Mitigation Plan must be attached and explain where in this application details are provided.

12. Has the Act 14 Municipal Notification and proof of receipt of notification been attached to the NOI?
Yes ☒ No ☐ ***(If not, the NOI is not complete, see E.12 and #4 Municipal Notification in the NOI Instructions for additional guidance.)***

13. Has the PNDI receipt been attached to the NOI?
Yes ☒ No ☐ ***(If not, the NOI is not complete, see E.13 and #5 PNHP in the NOI Instructions for additional guidance.)***

14. Have the E&S Plan and PCSM/SR Plan been planned and designed to be consistent?
Yes ☒ No ☐

15. Have existing and/or proposed Riparian Forest Buffers been identified?
Yes ☒ N/A ☐ ***(If yes, they must be shown on the E&S Plan as well as the PCSM/SR Plans.)***

16. Have antidegradation implementation requirements for special protection waters been addressed?
Yes ☒ No ☐ N/A ☐ ***(If yes, antidegradation requirements must be included in the plan.)***

17. Has the seasonal high groundwater level been identified and 20-inch separation established at all excavation locations for pits for conventional operations and Well Development Impoundments for unconventional operations?

    Yes ☐ No ☐ N/A ☒

18. Receiving Waters	Chapter 93, Designated Use Stream Classification	Chapter 93, Existing Use Stream Classification
Effort Loop- Lake Creek (HQ-CWF,MF) Princess Run (CWF,MF) Weir Creek (CWF,MF) McMichael Creek (EV, MF) and (HQ-CWF) Pohopoco Creek (CWF,MF) Sugar Hollow Creek (CWF,MF) Poplar Creek (EV,CWF,MF) Mud Run (HQ-CWF, MF) Mud Pond Run (HQ-CWF,EV,MF) Tunkhannock Creek (HQ-CWF,MF) Regional Energy Lateral- Stony Run (HQ-CWF,MF) Shades Creek (HQ-CWF,MF) Little Shades Creek (HQ-CWF,MF) Snider Run (HQ-CWF,MF) Meadow Run (HQ-CWF,MF) Bear Creek (HQ-CWF,MF) Little Bear Creek (HQ-CWF,MF) Mill Creek (CWF,MF) Gardner Creek (CWF,MF) Susquehanna River (WWF,MF) Abrahams Creek (CWF,MF) Toby Creek (CWF,MF) Trout Brook (CWF,MF) Compressor Station 515- Shades Creek (HQ-CWF,MF) Stony Run (HQ-CWF,MF) Compressor Station 200- Valley Creek (EV,MF) Delaware River Regulator- Mud Run (CWF, MF) Mainline "A" Regulator - Dyers Creek (WWF,MF) See Attachment 1-1.1 for detailed list.	☒ HQ ☒ EV ☒ Other CWF, MF, WWF ☒ Siltation-impaired	☐ HQ ☒ EV ☒ Other MF ☐ Siltation-impaired
	☐ HQ ☐ EV ☐ Other _____ ☐ Siltation-impaired	☐ HQ ☐ EV ☐ Other _____ ☐ Siltation-impaired

	☐ HQ ☐ EV ☐ Other _____ ☐ Siltation-impaired ☐ HQ ☐ EV ☐ Other _____ ☐ Siltation-impaired	☐ HQ ☐ EV ☐ Other _____ ☐ Siltation-impaired ☐ HQ ☐ EV ☐ Other _____ ☐ Siltation-impaired
Secondary Receiving Water	Secondary Chapter 93, Designated Use	Secondary Existing Use
Name of Municipal or Private Separate Storm Sewer Operator, if applicable.		
Non-Surface Receiving Water: (include off-site discharges)		

SECTION F. EROSION AND SEDIMENT CONTROL (E&S) PLAN

See the attached Instructions for additional guidance with E&S Plans

Erosion and Sediment Control Plan BMPs should be designed to minimize accelerated erosion and sedimentation through limiting the extent and duration of earth disturbance, protection of existing drainage and vegetation, limiting soil compaction and controlling the generation of increased runoff. The Department recommends the use of the *Pennsylvania Erosion & Sedimentation Pollution Control Program Manual (E&S Manual)* (363-2134-008) to achieve this goal. The E&S Plan must meet the requirements of Pa. Code § 102.4(b) and submitted with the NOI. Also, see section 2. of the NOI instruction for detailed information on completing the E&S plan and additional requirements.

a. E&S Plan Summary

Provide a summary of proposed E&S BMPs and their performance to manage E&S for the project.

Typical BMPs provided along the pipeline Right-Of-Way includes waterbars, trench plugs, compost filter socks, compost sediment traps, rock filter outlets, erosion control blankets, rock construction entrances, temporary equipment bridges, timber mats, diversion channels, level spreaders, mulch and seed. An appropraite sediment removal device (filter bag, dewatering structure) and well-vegetated area will be utilized for trench dewatering. In HQ, EV watersheds, appropriate Antidegradation Best Available Combination of Technologies (ABACT) BMPs will be utilized. Additional information regarding all the proposed BMPs are provided in the Erosion and Sedimentation Control and Site Restoration Plans of respective project components (Section 2 of this ESCGP-3 Application).

b. E&S Plan BMP Design

Check those that apply:

☒ E&S Plan is designed using BMPs in the *E&S Manual*.

☐ E&S Plan is designed using an alternative BMP or design standard approved by DEP.

Note: NOI packages submitted with alternate BMPs not approved by the Department will be returned to the Applicant.

c. Do you have any information regarding riparian buffer which differs from Section G, Riparian Buffer?

Yes ☐ No ☒

Explain:

d. Thermal Impacts Analysis

Explain how thermal impacts associated with this project were avoided, minimized, or mitigated.

Thermal impacts associated with Regional Energy Access Expansion Project will be avoided to the maximum extent possible. Minimum permanent changes in land cover are being proposed for constructing the pipeline facilities. Runoff from impervious areas added during the project will be suitably routed to Stormwater BMPs. Gravel will be used for access roads wherever practicable. To avoid thermal impacts arising from clearing and grading, removal of vegetation will be limited to only that necessary for construction and construction Right-Of-Way will be limited to 75 feet in wetlands and floodways where practical. Once construction activities are complete, disturbed areas will be restored to pre-construction contours and seeded as described in Erosion and Sediment Control and Site Restoration Plans. Temporary workspaces will be restored back with woody and herbaceous species. Thermal impacts assessments corresponding to each project component including pipelines and aboveground facilities are given in Section 2 and 3 of this ESCGP-3 Application.

e. Off-Site Discharge Analysis

Does the activity propose any off-site discharges to areas other than surface waters? ☒ Yes ☐ No

If yes, it is the applicant's responsibility to ensure that they have legal authority for any off-site discharge to neighboring properties.

The applicant must provide a demonstration in both E&S and PCSM/SR plans that the discharge will not cause erosion, damage, or a nuisance to off-site properties.

See Offsite Discharge Analysis Sections in E&S Narratives

SECTION G. RIPARIAN BUFFER

1. Will you be protecting, converting or establishing a voluntary riparian forest buffer as part of this project?
   ☐ Yes ☒ No
   If yes, as part of the PCSM/SR Plan, provide a Buffer Management Plan.
2. Will proposed earth disturbance activities be conducted in an EV or HQ watershed AND within 150 feet of a perennial or intermittent river, stream, or creek, or lake, pond, or reservoir? ☒ Yes ☐ No

   If no, proceed to the next section/module.
3. Does this project qualify for an exception (see § 102.14(d)(1))? ☒ Yes ☐ No

   If yes, indicate below the type of project for which the exception applies by marking the appropriate box.

   ☐ Oil and gas activities for which site reclamation or restoration is part of the permit authorization in Chapter 78 and 78a.

   ☒ Road maintenance activities.

   ☐ The repair or maintenance of existing pipelines and utilities.

   ☐ Other (see §102.14(d)(1))

   If exceptions are checked, explain how existing riparian buffer will be undisturbed to the extent practicable. Provide a demonstration that the requirements of §102.14(b) are met, or provide the necessary information to request a riparian buffer waiver.
4. Are you requesting a riparian buffer waiver for this project (see § 102.14(d)(2))? ☒ Yes ☐ No

   If yes, indicate below the type of project for which you are requesting a waiver by marking the appropriate box.

   ☒ Linear project that may include pipelines, public roadways, rail lines, or utility lines.

   ☒ Project is of a temporary nature where the site will be fully restored to its preexisting conditions during the ESCGP permit term.

   ☒ Project where compliance with mandatory riparian buffers is not appropriate or feasible due to site characteristics or existing structures at the project site.

   ☐ Other (see §102.14(d)(2)):

   If waivers are checked, explain how existing riparian buffers will be undisturbed to the extent practicable.

   Note: If “Yes” to #2 **AND** “No” to #3 and #4, provide an attachment to demonstrate how the requirements of §102.14 are met.

SECTION H. POST CONSTRUCTION STORMWATER MANAGEMENT (PCSM) AND/OR SITE RESTORATION(SR) PLAN

See NOI Instructions for additional guidance with PCSM Plans

PCSM/SR BMPs should be designed to use natural measures to eliminate pollution, infiltrate runoff, not require extensive construction/maintenance, promote pollutant reduction, and preserve the integrity of stream channels. All PCSM/SR BMPs proposed in the PCSM/SR Plan must be designed in accordance with Ch. 102, Ch. 78a for unconventional operations, Ch. 78 for conventional operations and the *Pennsylvania Stormwater Best Management Practices Manual (Stormwater BMP Manual)* (363-0300-002). If alternate design criteria are utilized for the proposed project, they must have prior approval by the Department, or the NOI Application will be returned to the Applicant.

After construction is completed, how much of the entire disturbed area will be restored to meadow in good condition or better, or existing conditions? ☐ All ☒ Partial ☐ None

Include PCSM narrative and drawings for remaining impervious area. Also include a map showing the proposed contours of the site restoration plan.

If there are additional stages of the project prior to permit termination or expiration, list the stages and provide the documents required by subsection 'a' to section 'g' for each stage (e.g. partial restoration or changes to the amount of compacted areas, gravel, and/or impervious areas). Upload a narrative for each additional stage in addition to the drawings.

EXAMPLE

Stage No	Stage Name	PCSM Plan	SR Plan
Stage 1		☐	☐
Stage 2		☐	☐
Stage 3		☐	☐
Stage 4		☐	☐

Act 167 Consistency. Check those that apply.

Is there an Act 167 Plan? ☒ Yes ☐ No

☒ The attached PCSM/SR Plan is consistent with an applicable approved Act 167 Plan.

Complete the following for all approved Act 167 Stormwater Management Plans. (Use additional sheets if necessary)

Act 167 Plan Name	Date Adopted	Consistency Letter Included	
Luzerne County Stormwater Management Ordinance	August 18, 2010	Verification Report Included	☒
Valley Creek Watershed Stormwater Management Plan	February 04, 2011		

Note: A consistency letter is not required if a verification report is provided. See NOI Instructions. The PCSM/SR Plan must satisfy either sub paragraph 1, 2, or 3 below. Check those that apply.

1. ☒ Act 167 Plan approvals on or after January 2005 – The attached PCSM/SR Plan, in its entirety, is consistent with all requirements pertaining to rate, volume, and water quality from an Act 167 Stormwater Management Plan approved by DEP on or after January 2005. Box 1 must be checked if a current, DEP approved Act 167 plan exists.

2. ☒ The PCSM/SR Plan meets the standard design criteria from sections 102.8(g)(2) and (3) and the *Stormwater BMP Manual*. For projects involving oil and gas activities authorized by a permit issued under Chapter 78 or Chapter 78a (well pads) or pipelines and other similar utility infrastructure, post construction stormwater management requirements are met for all areas that are restored to preconstruction conditions or to a condition of meadow in good condition or better. *[Note: PCSM plans must meet both the volume and rate requirements in the regulations, which are provided in the 2 sections mentioned in this paragraph].*

3. ☐ Alternative Design Standard – The attached PCSM/SR Plan was developed using approaches as provided in 102.8(g)(2)(iv) and 102.8(g)(3)(iii). Demonstrate/explain in the space provided below how this standard will be either more protective than what is required in 102.8(g)(2) and 102.8(g)(3) or will maintain and protect existing water quality and existing and designated uses.

PCSM/SR BMP Alternative Standards:

Has the alternative BMP or design standard been approved by the Department?

☐ Yes

☐ No – Do not submit the ESCGP-3 application and see Section (H) of the NOI Instructions concerning the alternative BMP approval process.

Water Quality Compliance:

Does the PCSM/SR plan comply with requirements for volume control? ☒ Yes ☐ No

If yes, is at least 90% of the disturbed area controlled by a PCSM BMP? ☒ Yes ☐ No

If yes, do you have the Standard PCSM Worksheet # 10 attached to show water quality compliance has achieved?
☒ Yes ☐ No

If no, attach Standard PCSM Worksheets # 12 and #13 to show water quality compliance has achieved.

If PCSM/SR plan is not complying with the requirements for volume control, attach Standard PCSM Worksheets # 11, # 12 and #13 to show water quality compliance has achieved.

a. PCSM/SR Plan Summary

Provide a summary of proposed BMPs and their performance to manage PCSM/SR for the project.

Along the pipeline Right-Of-Way, typical E&S BMPs such as waterbars and erosion control blanket will be left in place as part of site restoration. After construction activities are completed, temporary workspaces will be restored to meadow in good condition or better than existing conditions. For the aboveground facilities, PCSM BMPs such as infiltration basins, diversion channels and vegetated swales will be used and left in place as part of site restoration. Additional information regarding all the proposed BMPs are provided in the Post-Construction Stormwater Management Plans of respective project components (Section 3 of this ESCGP-3 Application).

Check all that apply ☒ PCSM BMPs ☒ SR BMPs

b. Do you have any information regarding riparian buffer which differs from what was submitted in the Section G, Riparian Buffer?

☐ Yes ☒ No

Explain:

c. Thermal Impacts Analysis

Explain how thermal impacts associated with this project were avoided, minimized, or mitigated.

Runoff collected in PCSM BMPS such as infiltration basins will mitigate thermal impacts from post construction stormwater. Runoff collected in infiltration basins are discharged to receiving waters are not expected to be retained for more than 24 hours. Minimum permanent changes in land cover are being proposed for constructing the pipeline facilities. Gravel will be used for access roads wherever practicable. Removal of trees and riparian vegetation and addition of impervious surfaces will be limited to only that necessary for construction. Once construction activities are complete, disturbed areas will be restored to pre-construction contours and seeded as described in Erosion and Sedimental Control and Site Restoration Plans. Temporary workspaces will be restored back with woody and herbaceous species. Thermal impacts assessments correspoding to each project component including pipelines and aboveground facilities are given in Section 2 and 3 of this ESCGP-3 Application.

d. Off-Site Discharge Analysis.

Does the activity propose any off-site discharges to areas other than surface waters? ☒ Yes ☐ No

If yes, it is the applicant's responsibility to ensure that they have legal authority for any off-site discharge to neighboring properties.

The Applicant must provide a demonstration in both the E&S and PCSM/SR Plans that the discharge will not cause erosion, damage, or a nuisance to off-site properties.

See Offsite Discharge Analysis Sections in PCSM Narratives

NOI Section H. POST CONSTRUCTION STORMWATER MANAGEMENT (PCSM) PLANS

Summary Calculations of Post Construction Stormwater BMPs

1. Regional Energy Lateral Pipeline - MLV-515RA20
2. Regional Energy Lateral Pipeline - MLV-515RA30
3. Regional Energy Lateral Pipeline - Carverton Tie-in
4. Regional Energy Lateral Pipeline - Lower Demunds REL Tie-in
5. Regional Energy Lateral Pipeline – Hildebrandt Tie-in/MLV-515RA40
6. Effort Loop Pipeline - MLV-505LD86
7. Compressor Station 200
8. Compressor Station 515

NOTICE OF INTENT (NOI) FOR COVERAGE UNDER THE EROSION AND SEDIMENT CONTROL GENERAL PERMIT (ESCGP-3) FOR EARTH DISTURBANCE ASSOCIATED WITH OIL AND GAS EXPLORATION, PRODUCTION, PROCESSING, OR TREATMENT OPERATIONS OR TRANSMISSION FACILITIES

TABLES IN ADDENDUM OF NOI

SECTION H. POST CONSTRUCTION STORMWATER MANAGEMENT (PLAN) BMPs

Regional Energy Lateral Pipeline - MLV-515RA20 - Zenker Valve Yard

e. Summary Table for Supporting Calculation and Measurement Data
(See NOI Instructions for additional guidance with this section)

The remainder of this section (Summary Table for Calculation and Measurement Data) does not need to be completed for areas of projects involving oil and gas activities authorized by Chapter 78 or Chapter 78a (well pads) or pipelines and other similar utility infrastructure which will be restored to meadow in good condition or better or existing conditions.

Watershed Name: Mill Creek

Volume Control design storm frequency 2-year Rainfall amount 2.95 inches	Pre-construction	Post Construction	Net Change
Impervious area (acres)	0.00	0.19	+0.19
Volume of stormwater runoff (acre-feet) without planned stormwater BMPs	0.04	0.06	+0.02
Volume of stormwater runoff (acre-feet) with planned stormwater BMPs		0.03	-0.01
Stormwater discharge rate for the design frequency storm	Pre-construction	Post Construction	Net Change
1) 2-Year/24-Hour	3.51	3.22	-0.29
2) 10-Year/24-Hour	6.82	6.17	-0.65
3) 50-year/24-Hour	11.88	11.12	-0.76
4) 100-year/24-Hour	14.91	14.91	-0.00

f. Summary Description of PCSM/SR BMPs

In the lists below, check the BMPs identified in the PCSM Plan. The primary function(s) of the BMP listed in the functions column (infiltration/recharge; detention/retention; water quality). Additional functions may be added if applicable to that BMP. List the stormwater volume and area of runoff to be treated by each BMP type when calculations are required. If any BMP in the PCSM/SR Plan is not listed below, describe it in the space provided after "Other". A summary table with infiltration testing information (Attachment E, included in the NOI Instructions) must be submitted for all Bio-infiltration BMPs included in PCSM/SR plan.

For Rate control provide the volume of stormwater treated and acres treated for the 100-year/24-hour storm event.

For volume control and water quality provide the volume of stormwater treated and acres treated for the 2-year/24-hour storm event.

Key for BMP purpose(s): VC = Volume Control; RC = Rate Control; and WQ = Water Quality

BMP	Function(s)	Purpose(s)	Volume of stormwater treated	Acres treated
Site Restoration ONLY				
☐ Restore Site to Meadow in Good Condition or Better, or Existing Conditions	Infiltration/Recharge Detention/WQ Treatment	☐ VC ☐ RC ☐ WQ	_____	_____
Bio-infiltration areas	Infiltration/Recharge			
☐ Infiltration Trench		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Infiltration Bed		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Infiltration Basin		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Rain Garden/ Bioretention		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Infiltration Berm				
☐ Vegetated Swale		☐ VC ☐ RC ☐ WQ	_____	_____
Natural Area Conservation	Infiltration/Recharge			
☐ Streamside Buffer Zone		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Wetland Buffer Zone		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Sensitive Area Buffer Zone		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Pre-Construction Drainage Pattern Intact		☐ VC ☐ RC ☐ WQ	_____	_____
Stormwater Retention	Detention/Retention			
☐ Constructed Wetlands		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Wet Ponds		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Retention Basin		☐ VC ☐ RC ☐ WQ	_____	_____
Sediment and Pollutant Removal	Water Quality Treatment			
☐ Vegetated Filter Strips		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Compost Filter Sock		☐ VC ☐ RC ☐ WQ	_____	_____
☒ Detention Basins		☒ VC ☒ RC ☒ WQ	1,396cf(2-yr); 6,186cf(100-yr)	0.28
Access Road Design	Infiltration/Recharge			
☐ Road Crowning		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Ditches		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Turnouts		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Culverts		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Roadside Vegetated Filter Strips		☐ VC ☐ RC ☐ WQ	_____	_____

Stormwater Energy Dissipaters	Infiltration/Recharge			
☐ Level Spreaders		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Riprap Aprons		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Upslope Diversions		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Other_____		☐ VC ☐ RC ☐ WQ	_____	_____

g. Critical PCSM Plan stages

Identify and list critical stages of implementation of the PCSM Plan for which a licensed professional or designee shall be present on site.

1. Upon commencement of construction activities to ascertain the Dry Extended Detention Basin area has been flagged and fence erected to prevent access to the area.

2. At completion of Diversion Channels to ensure they have been constructed to the proposed lines and grades, the specified lining materials have been installed in accordance with the requirements of the plans and specifications, and if applicable, vegetation has been established.

3. At the beginning of construction of the Dry Extended Detention Basin to ensure the infiltration area has not been compacted by construction activities.

4. During construction of the Dry Extended Detention Basin the licensed professional will observe that the BMP is constructed in accordance with the plans and specifications.

5. At completion of Collection Channel C1 to ensure it has been constructed to the proposed line and grade, the specified lining material has been installed in accordance with the requirements of the plans and specifications, and if applicable, vegetation has been established.

6. Following installation of the Valve Yard Pad subgrade to ensure stormwater flow is directed to Collection Channel C1.

7. For final inspection of constructed BMPs.

8. At the establishment of hard surface stabilization or 70% vegetation covers to allow removal of E&S controls.

NOTICE OF INTENT (NOI) FOR COVERAGE UNDER THE EROSION AND SEDIMENT CONTROL GENERAL PERMIT (ESCGP-3) FOR EARTH DISTURBANCE ASSOCIATED WITH OIL AND GAS EXPLORATION, PRODUCTION, PROCESSING, OR TREATMENT OPERATIONS OR TRANSMISSION FACILITIES

TABLES IN ADDENDUM OF NOI

SECTION H. POST CONSTRUCTION STORMWATER MANAGEMENT (PLAN) BMPs

Regional Energy Lateral Pipeline - MLV-515RA30 - Wyoming Valve Yard

b. Summary Table for Supporting Calculation and Measurement Data

(See NOI Instructions for additional guidance with this section)

The remainder of this section (Summary Table for Calculation and Measurement Data) does not need to be completed for areas of projects involving oil and gas activities authorized by Chapter 78 or Chapter 78a (well pads) or pipelines and other similar utility infrastructure which will be restored to meadow in good condition or better or existing conditions.

Watershed Name: Susquehanna-Solomon Creek

Volume Control design storm frequency 2-year Rainfall amount 2.57 inches	Pre-construction	Post Construction	Net Change
Impervious area (acres)	0.00	0.24	+0.24
Volume of stormwater runoff (acre-feet) without planned stormwater BMPs	0.03	0.06	+0.03
Volume of stormwater runoff (acre-feet) with planned stormwater BMPs	[redacted]	0.03	-0.00
Stormwater discharge rate for the design frequency storm	Pre-construction	Post Construction	Net Change
1) 2-Year/24-Hour	0.22	0.02	-0.20
2) 10-Year/24-Hour	0.68	0.03	-0.65
3) 50-year/24-Hour	1.52	0.06	-1.46
4) 100-year/24-Hour	2.06	0.07	-1.99

c. Summary Description of PCSM/SR BMPs

In the lists below, check the BMPs identified in the PCSM Plan. The primary function(s) of the BMP listed in the functions column (infiltration/recharge; detention/retention; water quality). Additional functions may be added if applicable to that BMP. List the stormwater volume and area of runoff to be treated by each BMP type when calculations are required. If any BMP in the PCSM/SR Plan is not listed below, describe it in the space provided after "Other". A summary table with infiltration testing information (Attachment E, included in the NOI Instructions) must be submitted for all Bio-infiltration BMPs included in PCSM/SR plan.

For Rate control provide the volume of stormwater treated and acres treated for the 100-year/24-hour storm event.

For volume control and water quality provide the volume of stormwater treated and acres treated for the 2-year/24-hour storm event.

Key for BMP purpose(s): VC = Volume Control; RC = Rate Control; and WQ = Water Quality

BMP	Function(s)	Purpose(s)	Volume of stormwater treated	Acres treated
Site Restoration ONLY				
☐ Restore Site to Meadow in Good Condition or Better, or Existing Conditions	Infiltration/Recharge Detention/WQ Treatment	☐ VC ☐ RC ☐ WQ	_____	_____
Bio-infiltration areas	Infiltration/Recharge			
☐ Infiltration Trench		☐ VC ☐ RC ☐ WQ	_____	_____
☒ Infiltration Bed		☒ VC ☒ RC ☒ WQ	451cf(2-yr); 2,511cf(100-yr)	0.21
☐ Infiltration Basin		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Rain Garden/ Bioretention		☐ VC ☐ RC ☐ WQ	_____	
☐ Infiltration Berm		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Soil Amendment		☐ VC ☐ RC ☐ WQ	_____	_____
Natural Area Conservation	Infiltration/Recharge			
☐ Streamside Buffer Zone		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Wetland Buffer Zone		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Sensitive Area Buffer Zone		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Pre-Construction Drainage Pattern Intact		☐ VC ☐ RC ☐ WQ	_____	_____
Stormwater Retention	Detention/Retention			
☐ Constructed Wetlands		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Wet Ponds		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Retention Basin		☐ VC ☐ RC ☐ WQ	_____	_____
Sediment and Pollutant Removal	Water Quality Treatment			
☐ Vegetated Filter Strips		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Compost Filter Sock		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Detention Basins		☐ VC ☐ RC ☐ WQ	_____	_____
Access Road Design	Infiltration/Recharge			
☐ Road Crowning		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Ditches		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Turnouts		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Culverts		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Roadside Vegetated Filter Strips		☐ VC ☐ RC ☐ WQ	_____	_____

Stormwater Energy Dissipaters ☐ Level Spreaders ☐ Riprap Aprons ☐ Upslope Diversions ☒ OtherVegetated Swale	Infiltration/Recharge	☐ VC ☐ RC ☐ WQ ☐ VC ☐ RC ☐ WQ ☐ VC ☐ RC ☐ WQ ☒ VC ☒ RC ☒ WQ	_____ _____ _____ 1,009cf(2-yr); 4,264cf(100-yr)	_____ _____ _____ 0.49

d. Critical PCSM Plan stages

Identify and list critical stages of implementation of the PCSM Plan for which a licensed professional or designee shall be present on site.

1. Upon commencement of construction activities to ascertain the Vegetated Swale area has been flagged and fence erected to prevent access to the area.
2. At the beginning of construction of the Vegetated Swale to ensure the infiltration area has not been compacted by construction activities.
3. During construction of the Vegetated Swale the licensed professional will observe that the BMP is constructed in accordance with the plans and specifications.
4. At completion of Collection Channel C1 to ensure it has been constructed to the proposed line and grade, the specified lining material has been installed in accordance with the requirements of the plans and specifications, and if applicable, vegetation has been established.
5. Following installation of the Valve Yard Pad subgrade to ensure stormwater flow is directed to the infiltration berm.
6. For final inspection of constructed BMPs.
7. At the establishment of hard surface stabilization or 70% vegetation covers to allow removal of E&S controls.

NOTICE OF INTENT (NOI) FOR COVERAGE UNDER THE EROSION AND SEDIMENT CONTROL GENERAL PERMIT (ESCGP-3) FOR EARTH DISTURBANCE ASSOCIATED WITH OIL AND GAS EXPLORATION, PRODUCTION, PROCESSING, OR TREATMENT OPERATIONS OR TRANSMISSION FACILITIES

TABLES IN ADDENDUM OF NOI

SECTION H. POST CONSTRUCTION STORMWATER MANAGEMENT (PLAN) BMPs

Regional Energy Lateral Pipeline - Carverton Tie-In

b. Summary Table for Supporting Calculation and Measurement Data

(See NOI Instructions for additional guidance with this section)

The remainder of this section (Summary Table for Calculation and Measurement Data) does not need to be completed for areas of projects involving oil and gas activities authorized by Chapter 78 or Chapter 78a (well pads) or pipelines and other similar utility infrastructure which will be restored to meadow in good condition or better or existing conditions.

Watershed Name: Abrahams Creek

Volume Control design storm frequency 2-year Rainfall amount 2.61 inches	Pre-construction	Post Construction	Net Change
Impervious area (acres)	0.03	0.11	+0.08
Volume of stormwater runoff (acre-feet) without planned stormwater BMPs	0.02	0.03	+0.01
Volume of stormwater runoff (acre-feet) with planned stormwater BMPs	[redacted]	0.00	-0.02
Stormwater discharge rate for the design frequency storm	Pre-construction	Post Construction	Net Change
1) 2-Year/24-Hour	0.46	0.00	-0.46
2) 10-Year/24-Hour	0.91	0.00	-0.91
3) 50-year/24-Hour	1.61	0.00	-1.61
4) 100-year/24-Hour	2.01	0.00	-2.01

c. Summary Description of PCSM/SR BMPs

In the lists below, check the BMPs identified in the PCSM Plan. The primary function(s) of the BMP listed in the functions column (infiltration/recharge; detention/retention; water quality). Additional functions may be added if applicable to that BMP. List the stormwater volume and area of runoff to be treated by each BMP type when calculations are required. If any BMP in the PCSM/SR Plan is not listed below, describe it in the space provided after "Other". A summary table with infiltration testing information (Attachment E, included in the NOI Instructions) must be submitted for all Bio-infiltration BMPs included in PCSM/SR plan.

For Rate control provide the volume of stormwater treated and acres treated for the 100-year/24-hour storm event.

For volume control and water quality provide the volume of stormwater treated and acres treated for the 2-year/24-hour storm event.

Key for BMP purpose(s): VC = Volume Control; RC = Rate Control; and WQ = Water Quality

BMP	Function(s)	Purpose(s)	Volume of stormwater treated	Acres treated
Site Restoration ONLY				
☐ Restore Site to Meadow in Good Condition or Better, or Existing Conditions	Infiltration/Recharge Detention/WQ Treatment	☐ VC ☐ RC ☐ WQ	_____	_____
Bio-infiltration areas	Infiltration/Recharge			
☐ Infiltration Trench		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Infiltration Bed		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Infiltration Basin		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Rain Garden/ Bioretention		☐ VC ☐ RC ☐ WQ	_____	
☒ Infiltration Berm		☒ VC ☒ RC ☒ WQ	1,280cf (2-yr); 4,445cf(100-yr)	0.26
Natural Area Conservation	Infiltration/Recharge			
☐ Streamside Buffer Zone		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Wetland Buffer Zone		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Sensitive Area Buffer Zone		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Pre-Construction Drainage Pattern Intact		☐ VC ☐ RC ☐ WQ	_____	_____
Stormwater Retention	Detention/Retention			
☐ Constructed Wetlands		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Wet Ponds		☒ VC ☒ RC ☒ WQ	_____	_____
☐ Retention Basin		☐ VC ☐ RC ☐ WQ	_____	_____
Sediment and Pollutant Removal	Water Quality Treatment			
☐ Vegetated Filter Strips		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Compost Filter Sock		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Detention Basins		☐ VC ☐ RC ☐ WQ	_____	_____
Access Road Design	Infiltration/Recharge			
☐ Road Crowning		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Ditches		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Turnouts		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Culverts		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Roadside Vegetated Filter Strips		☐ VC ☐ RC ☐ WQ	_____	_____

Stormwater Energy Dissipaters	Infiltration/Recharge			
☐ Level Spreaders		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Riprap Aprons		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Upslope Diversions		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Other_____		☐ VC ☐ RC ☐ WQ	_____	_____

d. Critical PCSM Plan stages

Identify and list critical stages of implementation of the PCSM Plan for which a licensed professional or designee shall be present on site.

1. At the beginning of construction to ascertain the Infiltration Berm area has been flagged and fence erected to prevent access to the area.
2. Following installation of the Valve Yard Pad subgrade to ensure stormwater flow is directed to the infiltration berm.
3. At the beginning of construction of the Infiltration Berm to ensure the infiltration area has not been compacted by construction activities.
4. During construction of the infiltration berm the licensed professional will observe that the berm is constructed in accordance with the plans and specifications.
5. For final inspection of constructed BMPs.
6. At the establishment of hard surface stabilization or 70% vegetation covers to allow removal of E&S controls.

NOTICE OF INTENT (NOI) FOR COVERAGE UNDER THE EROSION AND SEDIMENT CONTROL GENERAL PERMIT (ESCGP-3) FOR EARTH DISTURBANCE ASSOCIATED WITH OIL AND GAS EXPLORATION, PRODUCTION, PROCESSING, OR TREATMENT OPERATIONS OR TRANSMISSION FACILITIES

TABLES IN ADDENDUM OF NOI

SECTION H. POST CONSTRUCTION STORMWATER MANAGEMENT (PLAN) BMPs

Regional Energy Lateral Pipeline - Lower Demunds REL Tie-In

b. Summary Table for Supporting Calculation and Measurement Data

(See NOI Instructions for additional guidance with this section)

The remainder of this section (Summary Table for Calculation and Measurement Data) does not need to be completed for areas of projects involving oil and gas activities authorized by Chapter 78 or Chapter 78a (well pads) or pipelines and other similar utility infrastructure which will be restored to meadow in good condition or better or existing conditions.

Watershed Name: Toby Creek

Volume Control design storm frequency 2-year Rainfall amount 3.40 inches	Pre-construction	Post Construction	Net Change
Impervious area (acres)	0.00	0.12	+0.12
Volume of stormwater runoff (acre-feet) without planned stormwater BMPs	0.02	0.04	+0.02
Volume of stormwater runoff (acre-feet) with planned stormwater BMPs		0.01	-0.01
Stormwater discharge rate for the design frequency storm	Pre-construction	Post Construction	Net Change
1) 2-Year/24-Hour	0.20	0.00	-0.20
2) 10-Year/24-Hour	0.40	0.00	-0.40
3) 50-year/24-Hour	0.71	0.20	-0.51
4) 100-year/24-Hour	0.89	0.51	-0.38

c. Summary Description of PCSM/SR BMPs

In the lists below, check the BMPs identified in the PCSM Plan. The primary function(s) of the BMP listed in the functions column (infiltration/recharge; detention/retention; water quality). Additional functions may be added if applicable to that BMP. List the stormwater volume and area of runoff to be treated by each BMP type when calculations are required. If any BMP in the PCSM/SR Plan is not listed below, describe it in the space provided after "Other". A summary table with infiltration testing information (Attachment E, included in the NOI Instructions) must be submitted for all Bio-infiltration BMPs included in PCSM/SR plan.

For Rate control provide the volume of stormwater treated and acres treated for the 100-year/24-hour storm event.

For volume control and water quality provide the volume of stormwater treated and acres treated for the 2-year/24-hour storm event.

Key for BMP purpose(s): VC = Volume Control; RC = Rate Control; and WQ = Water Quality

BMP	Function(s)	Purpose(s)	Volume of stormwater treated	Acres treated
Site Restoration ONLY				
☐ Restore Site to Meadow in Good Condition or Better, or Existing Conditions	Infiltration/Recharge Detention/WQ Treatment	☐ VC ☐ RC ☐ WQ	_____	_____
Bio-infiltration areas	Infiltration/Recharge			
☐ Infiltration Trench		☐ VC ☐ RC ☐ WQ	_____	_____
☒ Infiltration Bed		☒ VC ☒ RC ☒ WQ	1,481cf(2-yr); 4,356cf(100-yr)	0.17
☐ Infiltration Basin		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Rain Garden/ Bioretention		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Infiltration Berm		☐ VC ☐ RC ☐ WQ	_____	_____
Natural Area Conservation	Infiltration/Recharge			
☐ Streamside Buffer Zone		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Wetland Buffer Zone		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Sensitive Area Buffer Zone		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Pre-Construction Drainage Pattern Intact		☐ VC ☐ RC ☐ WQ	_____	_____
Stormwater Retention	Detention/Retention			
☐ Constructed Wetlands		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Wet Ponds		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Retention Basin		☐ VC ☐ RC ☐ WQ	_____	_____
Sediment and Pollutant Removal	Water Quality Treatment			
☐ Vegetated Filter Strips		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Compost Filter Sock		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Detention Basins		☐ VC ☐ RC ☐ WQ	_____	_____
Access Road Design	Infiltration/Recharge			
☐ Road Crowning		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Ditches		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Turnouts		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Culverts		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Roadside Vegetated Filter Strips		☐ VC ☐ RC ☐ WQ	_____	_____

Stormwater Energy Dissipaters ☐ Level Spreaders ☐ Riprap Aprons ☐ Upslope Diversions ☐ Other_____	Infiltration/Recharge	 ☐ VC ☐ RC ☐ WQ ☐ VC ☐ RC ☐ WQ ☐ VC ☐ RC ☐ WQ ☐ VC ☐ RC ☐ WQ	 _____ _____ _____ _____	 _____ _____ _____ _____

d. Critical PCSM Plan stages

Identify and list critical stages of implementation of the PCSM Plan for which a licensed professional or designee shall be present on site.

1. Upon commencement of construction activities to ascertain the Valve Yard Pad area has been flagged and fence erected to prevent access to the area.
2. At completion of Diversion Berm/Channel to ensure it has been constructed to the proposed lines and grades, the specified lining materials have been installed in accordance with the requirements of the plans and specifications, and if applicable, vegetation has been established.
3. At the beginning of construction of the Valve Yard Pad to ensure the infiltration area has not been compacted by construction activities.
4. During construction of the Valve Yard Pad the licensed professional will observe that the BMP is constructed in accordance with the plans and specifications.
5. Following installation of the Valve Yard Pad subgrade to ensure stormwater flow is directed to the outlet structure.
6. For final inspection of constructed BMPs.
7. At the establishment of hard surface stabilization or 70% vegetation covers to allow removal of E&S controls.

NOTICE OF INTENT (NOI) FOR COVERAGE UNDER THE EROSION AND SEDIMENT CONTROL GENERAL PERMIT (ESCGP-3) FOR EARTH DISTURBANCE ASSOCIATED WITH OIL AND GAS EXPLORATION, PRODUCTION, PROCESSING, OR TREATMENT OPERATIONS OR TRANSMISSION FACILITIES

TABLES IN ADDENDUM OF NOI

SECTION H. POST CONSTRUCTION STORMWATER MANAGEMENT (PLAN) BMPs

Regional Energy Lateral Pipeline – MLV-515RA40-Hildebrandt Tie-In

b. Summary Table for Supporting Calculation and Measurement Data

(See NOI Instructions for additional guidance with this section)

The remainder of this section (Summary Table for Calculation and Measurement Data) does not need to be completed for areas of projects involving oil and gas activities authorized by Chapter 78 or Chapter 78a (well pads) or pipelines and other similar utility infrastructure which will be restored to meadow in good condition or better or existing conditions.

Watershed Name: Toby Creek

Volume Control design storm frequency 2-year Rainfall amount 3.40 inches	Pre-construction	Post Construction	Net Change
Impervious area (acres)	0.0	0.22	+0.22
Volume of stormwater runoff (acre-feet) without planned stormwater BMPs	0.03	0.07	+0.04
Volume of stormwater runoff (acre-feet) with planned stormwater BMPs	[redacted]	0.01	-0.02
Stormwater discharge rate for the design frequency storm	Pre-construction	Post Construction	Net Change
1) 2-Year/24-Hour	0.34	0.20	-0.14
2) 10-Year/24-Hour	0.67	0.38	-0.29
3) 50-year/24-Hour	1.20	0.65	-0.55
4) 100-year/24-Hour	1.52	0.80	-0.72

c. Summary Description of PCSM/SR BMPs

In the lists below, check the BMPs identified in the PCSM Plan. The primary function(s) of the BMP listed in the functions column (infiltration/recharge; detention/retention; water quality). Additional functions may be added if applicable to that BMP. List the stormwater volume and area of runoff to be treated by each BMP type when calculations are required. If any BMP in the PCSM/SR Plan is not listed below, describe it in the space provided after "Other". A summary table with infiltration testing information (Attachment E, included in the NOI Instructions) must be submitted for all Bio-infiltration BMPs included in PCSM/SR plan.

For Rate control provide the volume of stormwater treated and acres treated for the 100-year/24-hour storm event.

For volume control and water quality provide the volume of stormwater treated and acres treated for the 2-year/24-hour storm event.

Key for BMP purpose(s): VC = Volume Control; RC = Rate Control; and WQ = Water Quality

BMP	Function(s)	Purpose(s)	Volume of stormwater treated	Acres treated
Site Restoration ONLY				
☐ Restore Site to Meadow in Good Condition or Better, or Existing Conditions	Infiltration/Recharge Detention/WQ Treatment	☐ VC ☐ RC ☐ WQ	_____	_____
Bio-infiltration areas	Infiltration/Recharge			
☐ Infiltration Trench		☐ VC ☐ RC ☐ WQ	_____	_____
☒ Infiltration Bed		☒ VC ☒ RC ☒ WQ	2,265cf(2-yr); 5,881cf(100-yr)	0.21
☐ Infiltration Basin		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Rain Garden/ Bioretention		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Infiltration Berm				
☐ Vegetated Swale		☐ VC ☐ RC ☐ WQ	_____	_____
Natural Area Conservation	Infiltration/Recharge			
☐ Streamside Buffer Zone		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Wetland Buffer Zone		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Sensitive Area Buffer Zone		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Pre-Construction Drainage Pattern Intact		☐ VC ☐ RC ☐ WQ	_____	_____
Stormwater Retention	Detention/Retention			
☐ Constructed Wetlands		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Wet Ponds		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Retention Basin		☐ VC ☐ RC ☐ WQ	_____	_____
Sediment and Pollutant Removal	Water Quality Treatment			
☐ Vegetated Filter Strips		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Compost Filter Sock		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Detention Basins		☐ VC ☐ RC ☐ WQ	_____	_____
Access Road Design	Infiltration/Recharge			
☐ Road Crowning		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Ditches		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Turnouts		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Culverts		☐ VC ☐ RC ☐ WQ	_____	_____

☐ Roadside Vegetated Filter Strips		☐ VC ☐ RC ☐ WQ	_____	_____
Stormwater Energy Dissipaters	Infiltration/Recharge			
☐ Level Spreaders		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Riprap Aprons		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Upslope Diversions		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Other_____		☐ VC ☐ RC ☐ WQ	_____	_____

d. Critical PCSM Plan stages

Identify and list critical stages of implementation of the PCSM Plan for which a licensed professional or designee shall be present on site.

1. Upon commencement of construction activities to ascertain the Valve Yard Pad area has been flagged and fence erected to prevent access to the area.
2. At completion of Diversion Channel to ensure it has been constructed to the proposed lines and grades, the specified lining materials have been installed in accordance with the requirements of the plans and specifications, and if applicable, vegetation has been established.
3. At the beginning of construction of the Valve Yard Pad to ensure the infiltration area has not been compacted by construction activities.
4. During construction of the Valve Yard Pad the licensed professional will observe that the BMP is constructed in accordance with the plans and specifications.
5. Following installation of the Valve Yard Pad subgrade to ensure stormwater flow is directed to the outlet structure.
6. For final inspection of constructed BMPs.
7. At the establishment of hard surface stabilization or 70% vegetation covers to allow removal of E&S controls.

NOTICE OF INTENT (NOI) FOR COVERAGE UNDER THE EROSION AND SEDIMENT CONTROL GENERAL PERMIT (ESCGP-3) FOR EARTH DISTURBANCE ASSOCIATED WITH OIL AND GAS EXPLORATION, PRODUCTION, PROCESSING, OR TREATMENT OPERATIONS OR TRANSMISSION FACILITIES

TABLES IN ADDENDUM OF NOI

SECTION H. POST CONSTRUCTION STORMWATER MANAGEMENT (PLAN) BMPs

Effort Loop Pipeline-MLV-505LD86 Sugar Hollow Valve Yard

b. Summary Table for Supporting Calculation and Measurement Data

(See NOI Instructions for additional guidance with this section)

The remainder of this section (Summary Table for Calculation and Measurement Data) does not need to be completed for areas of projects involving oil and gas activities authorized by Chapter 78 or Chapter 78a (well pads) or pipelines and other similar utility infrastructure which will be restored to meadow in good condition or better or existing conditions.

Watershed Name: Pohopoco Creek

Volume Control design storm frequency 2-year Rainfall amount 3.26 inches	Pre-construction	Post Construction	Net Change
Impervious area (acres)	0.09	0.62	+0.53
Volume of stormwater runoff (acre-feet) without planned stormwater BMPs	0.35	0.44	+0.09
Volume of stormwater runoff (acre-feet) with planned stormwater BMPs	[redacted]	0.28	-0.07
Stormwater discharge rate for the design frequency storm DA-1	Pre-construction	Post Construction	Net Change
1) 2-Year/24-Hour	0.01	0.01	-0.00
2) 10-Year/24-Hour	0.37	0.31	-0.06
3) 50-year/24-Hour	5.89	4.21	-1.68
4) 100-year/24-Hour	11.47	8.28	-3.19
Stormwater discharge rate for the design frequency storm DA-2	Pre-construction	Post Construction	Net Change
1) 2-Year/24-Hour	4.51	3.97	-0.54
2) 10-Year/24-Hour	12.49	12.28	-0.21
3) 50-year/24-Hour	26.58	24.35	-2.23
4) 100-year/24-Hour	35.41	31.74	-3.67

c. Summary Description of PCSM/SR BMPs

In the lists below, check the BMPs identified in the PCSM Plan. The primary function(s) of the BMP listed in the functions column (infiltration/recharge; detention/retention; water quality). Additional functions may be added if applicable to that BMP. List the stormwater volume and area of runoff to be treated by each BMP type when calculations are required. If any BMP in the PCSM/SR Plan is not listed below, describe it in the space provided after "Other". A summary table with infiltration testing information (Attachment E, included in the NOI Instructions) must be submitted for all Bio-infiltration BMPs included in PCSM/SR plan.

For Rate control provide the volume of stormwater treated and acres treated for the 100-year/24-hour storm event.

For volume control and water quality provide the volume of stormwater treated and acres treated for the 2-year/24-hour storm event.

Key for BMP purpose(s): VC = Volume Control; RC = Rate Control; and WQ = Water Quality

BMP	Function(s)	Purpose(s)	Volume of stormwater treated	Acres treated
Site Restoration ONLY				
☐ Restore Site to Meadow in Good Condition or Better, or Existing Conditions	Infiltration/Recharge Detention/WQ Treatment	☐ VC ☐ RC ☐ WQ	_____	_____
Bio-infiltration areas	Infiltration/Recharge			
☐ Infiltration Trench		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Infiltration Bed		☐ VC ☐ RC ☐ WQ	_____	_____
☒ Infiltration Basin		☒ VC ☒ RC ☒ WQ	1,123cf(2-yr); 21,318cf(100-yr)	2.85
☐ Rain Garden/ Bioretention		☐ VC ☐ RC ☐ WQ	_____	_____
☒ Infiltration Berm		☒ VC ☒ RC ☒ WQ	5,915cf(2-yr); 26,924cf(100-yr)	1.54
Natural Area Conservation	Infiltration/Recharge			
☐ Streamside Buffer Zone		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Wetland Buffer Zone		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Sensitive Area Buffer Zone		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Pre-Construction Drainage Pattern Intact		☐ VC ☐ RC ☐ WQ	_____	_____
Stormwater Retention	Detention/Retention			
☐ Constructed Wetlands		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Wet Ponds		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Retention Basin		☐ VC ☐ RC ☐ WQ	_____	_____
Sediment and Pollutant Removal	Water Quality Treatment			
☐ Vegetated Filter Strips		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Compost Filter Sock		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Detention Basins		☐ VC ☐ RC ☐ WQ	_____	_____
Access Road Design	Infiltration/Recharge			
☐ Road Crowning		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Ditches		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Turnouts		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Culverts		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Roadside Vegetated Filter Strips		☐ VC ☐ RC ☐ WQ	_____	_____

Stormwater Energy Dissipaters	Infiltration/Recharge			
☐ Level Spreaders		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Riprap Aprons		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Upslope Diversions		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Other_____		☐ VC ☐ RC ☐ WQ	_____	_____

d. Critical PCSM Plan stages

Identify and list critical stages of implementation of the PCSM Plan for which a licensed professional or designee shall be present on site.

1. For the final grading of the access road, ensuring it is constructed according to the plan details for proper conveyance of runoff.
2. Following final grading and seeding of the diversion channels and basin, in order to confirm they have been constructed according to the plan details for proper collection and conveyance of runoff. Periodic assessments will need to be made to ensure accumulated sediment have been cleaned out so the channels and basin maintain the necessary design volumes.
3. During the layout and excavation of the outlet control structure, the professional or delegate will ensure sizing, materials specifications, and construction procedures are followed to enable proper storage in the basin.
4. Following final grading and seeding of the infiltration berm in order to confirm they have been constructed according to the plan details for proper collection, infiltration, and conveyance of runoff. Periodic assessment will need to be made to ensure that accumulated sediment have been cleaned out so the area behind the berm maintains the necessary design volume.
5. For final inspection of constructed channels, basin and berms.
6. At the establishment of hard surface stabilization or 70% vegetation covers to allow removal of E&S controls.

NOTICE OF INTENT (NOI) FOR COVERAGE UNDER THE EROSION AND SEDIMENT CONTROL GENERAL PERMIT (ESCGP-3) FOR EARTH DISTURBANCE ASSOCIATED WITH OIL AND GAS EXPLORATION, PRODUCTION, PROCESSING, OR TREATMENT OPERATIONS OR TRANSMISSION FACILITIES

TABLES IN ADDENDUM OF NOI

SECTION H. POST CONSTRUCTION STORMWATER MANAGEMENT (PLAN) BMPs

Compressor Station 200

b. Summary Table for Supporting Calculation and Measurement Data

(See NOI Instructions for additional guidance with this section)

The remainder of this section (Summary Table for Calculation and Measurement Data) does not need to be completed for areas of projects involving oil and gas activities authorized by Chapter 78 or Chapter 78a (well pads) or pipelines and other similar utility infrastructure which will be restored to meadow in good condition or better or existing conditions.

Watershed Name: Valley Creek

Volume Control design storm frequency 2-year Rainfall amount 3.30 inches	Pre-construction	Post Construction	Net Change
Impervious area (acres)	0.25	0.40	+0.15
Volume of stormwater runoff (acre-feet) without planned stormwater BMPs	0.07	0.11	+0.04
Volume of stormwater runoff (acre-feet) with planned stormwater BMPs	[redacted]	0.07	-0.00
Stormwater discharge rate for the design frequency storm	Pre-construction	Post Construction	Net Change
1) 2-Year/24-Hour	1.03	0.15	-0.88
2) 10-Year/24-Hour	2.06	1.39	-0.67
3) 50-year/24-Hour	3.19	2.79	-0.40
4) 100-year/24-Hour	3.97	3.50	-0.47

c. Summary Description of PCSM/SR BMPs

In the lists below, check the BMPs identified in the PCSM Plan. The primary function(s) of the BMP listed in the functions column (infiltration/recharge; detention/retention; water quality). Additional functions may be added if applicable to that BMP. List the stormwater volume and area of runoff to be treated by each BMP type when calculations are required. If any BMP in the PCSM/SR Plan is not listed below, describe it in the space provided after "Other". A summary table with infiltration testing information (Attachment E, included in the NOI Instructions) must be submitted for all Bio-infiltration BMPs included in PCSM/SR plan.

For Rate control provide the volume of stormwater treated and acres treated for the 100-year/24-hour storm event.

For volume control and water quality provide the volume of stormwater treated and acres treated for the 2-year/24-hour storm event.

Key for BMP purpose(s): VC = Volume Control; RC = Rate Control; and WQ = Water Quality

BMP	Function(s)	Purpose(s)	Volume of stormwater treated	Acres treated
Site Restoration ONLY				
☐ Restore Site to Meadow in Good Condition or Better, or Existing Conditions	Infiltration/Recharge Detention/WQ Treatment	☐ VC ☐ RC ☐ WQ	_____	_____
Bio-infiltration areas	Infiltration/Recharge			
☐ Infiltration Trench		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Infiltration Bed		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Infiltration Basin		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Rain Garden/ Bioretention		☐ VC ☐ RC ☐ WQ	_____	_____
☒ Infiltration Berm		☒ VC ☒ RC ☒ WQ	3,790cf(2-yr); 11,631cf(100-yr)	0.56
Natural Area Conservation	Infiltration/Recharge			
☐ Streamside Buffer Zone		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Wetland Buffer Zone		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Sensitive Area Buffer Zone		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Pre-Construction Drainage Pattern Intact		☐ VC ☐ RC ☐ WQ	_____	_____
Stormwater Retention	Detention/Retention			
☐ Constructed Wetlands		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Wet Ponds		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Retention Basin		☐ VC ☐ RC ☐ WQ	_____	_____
Sediment and Pollutant Removal	Water Quality Treatment			
☐ Vegetated Filter Strips		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Compost Filter Sock		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Detention Basins		☐ VC ☐ RC ☐ WQ	_____	_____
Access Road Design	Infiltration/Recharge			
☐ Road Crowning		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Ditches		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Turnouts		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Culverts		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Roadside Vegetated Filter Strips		☐ VC ☐ RC ☐ WQ	_____	_____

Stormwater Energy Dissipaters ☐ Level Spreaders ☐ Riprap Aprons ☐ Upslope Diversions ☐ Other_____	Infiltration/Recharge	 ☐ VC ☐ RC ☐ WQ ☐ VC ☐ RC ☐ WQ ☐ VC ☐ RC ☐ WQ ☐ VC ☐ RC ☐ WQ	 _____ _____ _____ _____	 _____ _____ _____ _____

d. Critical PCSM Plan stages

Identify and list critical stages of implementation of the PCSM Plan for which a licensed professional or designee shall be present on site.

1. Following final grading and seeding of the infiltration berm in order to confirm it has been constructed according to the plan details for proper collection, infiltration, and conveyance of runoff. Periodic assessments will need to be made to ensure that accumulated sediment should be cleaned out so the channels and berm maintain necessary design volume.
2. For final inspection of constructed BMPs.
3. At the establishment of hard surface stabilization or 70% vegetation covers to allow removal of E & S controls.

NOTICE OF INTENT (NOI) FOR COVERAGE UNDER THE EROSION AND SEDIMENT CONTROL GENERAL PERMIT (ESCGP-3) FOR EARTH DISTURBANCE ASSOCIATED WITH OIL AND GAS EXPLORATION, PRODUCTION, PROCESSING, OR TREATMENT OPERATIONS OR TRANSMISSION FACILITIES

TABLES IN ADDENDUM OF NOI

SECTION H. POST CONSTRUCTION STORMWATER MANAGEMENT (PLAN) BMPs

Compressor Station 515

b. Summary Table for Supporting Calculation and Measurement Data

(See NOI Instructions for additional guidance with this section)

The remainder of this section (Summary Table for Calculation and Measurement Data) does not need to be completed for areas of projects involving oil and gas activities authorized by Chapter 78 or Chapter 78a (well pads) or pipelines and other similar utility infrastructure which will be restored to meadow in good condition or better or existing conditions.

Watershed Name: Bear Creek

Volume Control design storm frequency 2-year Rainfall amount 3.40 inches	Pre-construction	Post Construction	Net Change
Impervious area (acres)	0.34	2.44	+2.10
Volume of stormwater runoff (acre-feet) without planned stormwater BMPs	0.50	0.81	+0.31
Volume of stormwater runoff (acre-feet) with planned stormwater BMPs	[redacted]	0.18	-0.32
Stormwater discharge rate for the design frequency storm	Pre-construction	Post Construction	Net Change
1) 2-Year/24-Hour	5.46	1.76	-3.70
2) 10-Year/24-Hour	10.19	8.30	-1.89
3) 50-year/24-Hour	16.85	9.55	-7.30
4) 100-year/24-Hour	20.81	9.58	-11.23

c. Summary Description of PCSM/SR BMPs

In the lists below, check the BMPs identified in the PCSM Plan. The primary function(s) of the BMP listed in the functions column (infiltration/recharge; detention/retention; water quality). Additional functions may be added if applicable to that BMP. List the stormwater volume and area of runoff to be treated by each BMP type when calculations are required. If any BMP in the PCSM/SR Plan is not listed below, describe it in the space provided after "Other". A summary table with infiltration testing information (Attachment E, included in the NOI Instructions) must be submitted for all Bio-infiltration BMPs included in PCSM/SR plan.

For Rate control provide the volume of stormwater treated and acres treated for the 100-year/24-hour storm event.

For volume control and water quality provide the volume of stormwater treated and acres treated for the 2-year/24-hour storm event.

Key for BMP purpose(s): VC = Volume Control; RC = Rate Control; and WQ = Water Quality

BMP	Function(s)	Purpose(s)	Volume of stormwater treated	Acres treated
Site Restoration ONLY				
☐ Restore Site to Meadow in Good Condition or Better, or Existing Conditions	Infiltration/Recharge Detention/WQ Treatment	☐ VC ☐ RC ☐ WQ	_____	_____
Bio-infiltration areas	Infiltration/Recharge			
☐ Infiltration Trench		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Infiltration Bed		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Infiltration Basin		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Rain Garden/ Bioretention		☐ VC ☐ RC ☐ WQ	_____	_____
☒ Infiltration Berm		☒ VC ☒ RC ☒ WQ	31,799cf(2-yr); 96,268cf(100-yr)	3.83
Natural Area Conservation	Infiltration/Recharge			
☐ Streamside Buffer Zone		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Wetland Buffer Zone		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Sensitive Area Buffer Zone		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Pre-Construction Drainage Pattern Intact		☐ VC ☐ RC ☐ WQ	_____	_____
Stormwater Retention	Detention/Retention			
☐ Constructed Wetlands		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Wet Ponds		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Retention Basin		☐ VC ☐ RC ☐ WQ	_____	_____
Sediment and Pollutant Removal	Water Quality Treatment			
☐ Vegetated Filter Strips		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Compost Filter Sock		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Detention Basins		☐ VC ☐ RC ☐ WQ	_____	_____
Access Road Design	Infiltration/Recharge			
☐ Road Crowning		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Ditches		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Turnouts		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Culverts		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Roadside Vegetated Filter Strips		☐ VC ☐ RC ☐ WQ	_____	_____

Stormwater Energy Dissipaters	Infiltration/Recharge			
☐ Level Spreaders		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Riprap Aprons		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Upslope Diversions		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Other_____		☐ VC ☐ RC ☐ WQ	_____	_____

d. Critical PCSM Plan stages

Identify and list critical stages of implementation of the PCSM Plan for which a licensed professional or designee shall be present on site.

1. Following final grading and seeding of the collection channels and infiltration berm in order to confirm they have been constructed according to the plan details for proper collection, infiltration, and conveyance of runoff. Periodic assessments will need to be made to ensure that accumulated sediment should be cleaned out so the channels and berm maintain necessary design volume.
2. For final inspection of constructed BMPs.
3. At the establishment of hard surface stabilization or 70% vegetation covers to allow removal of E & S controls.

SECTION I. ANTIDEGRADATION ANALYSIS

This section must be completed where earth disturbance activities will be conducted in the watershed of a surface water with an existing or designated use of exceptional value or high quality pursuant to Chapter 93 (relating to water quality standards), projects where any part is located in an exceptional value wetland in accordance with 25 Pa. Code § 105.17, and projects where any part is located in the watershed of an impaired surface water where the cause of impairment is identified as siltation.

Part 1 - NONDISCHARGE ALTERNATIVES EVALUATION

The applicant must consider and describe any and all non-discharge alternatives for the entire project area which are environmentally sound and will**:**

- Minimize accelerated erosion and sedimentation during the earth disturbance activity
- Achieve no net change from pre-development to post-development volume, rate and concentration of pollutants in water quality

E & S Plan	PCSM/SR Plan
Check off the environmentally sound nondischarge Best Management Practices (BMPs) listed below to be used prior to, during, and after earth disturbance activities that have been incorporated into your E & S Plan based on the site analysis. For non-discharge BMPs not checked, provide an explanation of why they were not utilized. Also for BMPs checked, provide an explanation of why they were utilized. (Provide the analysis and attach additional sheets if necessary) See Section 2 of this ESCGP-3 Application	Check off the environmentally sound nondischarge Best Management Practices (BMPs) listed below to be used after construction that have been incorporated into the PCSM/SR Plan based on your site analysis. For non-discharge BMPs not checked, provide an explanation of why they were not utilized. Also for BMPs checked, provide an explanation of why they were utilized. (Provide the analysis and attach additional sheets if necessary) See Section 3 of this ESCGP-3 Application
Nondischarge BMPs ☐ Alternative Siting ☐ Alternative location ☐ Alternative configuration ☐ Alternative location of discharge ☒ Limited Disturbed Area ☐ Limiting Extent & Duration of Disturbance (Phasing, Sequencing) ☐ Riparian Buffers (150 ft. min.) ☐ Riparian Forest Buffer (150 ft. min.) ☐ Other _____	**Nondischarge BMPs** ☐ Alternative Siting ☐ Alternative location ☐ Alternative configuration ☐ Alternative location of discharge ☐ Low Impact Development (LID / BSD) ☐ Riparian Buffers (150 ft. min.) ☐ Riparian Forest Buffer (150 ft. min.) ☒ Infiltration ☐ Water Reuse ☐ Other _____
Will the non-discharge alternative BMPs eliminate the net change in rate, volume and quality during construction? ☐ Yes ☒ No If yes, antidegradation analysis is complete. If no, proceed to Part 2.	Will the non-discharge alternative BMPs eliminate the net change in rate, volume and quality after construction? ☐ Yes ☒ No If yes, antidegradation analysis is complete. If no, proceed to Part 2.

PART 2 - ANTIDEGRADATION BEST AVAILABLE COMBINATION OF TECHNOLOGIES (ABACT)

If the net change in stormwater discharge from or after construction is not fully managed by nondischarge BMPs, the applicant must utilize ABACT BMPs to manage the difference. The Applicant must specify whether the discharge will occur during construction, post-construction or both, and identify the technologies that will be used to ensure that the discharge will be a non-degrading discharge. ABACT BMPs include but are not limited to:

E & S Plan	PCSM/SR Plan
☒ **Treatment BMPs:** ☐ Sediment basin with skimmer ☐ Sediment basin ratio of 4:1 or greater (flow length to basin width) ☐ Sediment basin with 4-7 day detention ☐ Flocculants ☒ Compost Filter Socks ☒ Compost Filter Sock Sediment Basin ☒ RCE w/ Wash Rack ☒ **Land disposal:** ☐ Vegetated filters ☐ Riparian buffers <150ft. ☐ Riparian Forest Buffer <150ft. ☒ Immediate stabilization ☒ **Pollution prevention:** ☒ PPC Plans ☒ Street sweeping ☒ Channels, collectors and diversions lined with permanent vegetation, rock, geotextile or other non-erosive materials ☐ **Stormwater reuse technologies:** ☐ Sediment basin water for dust control ☐ Sediment basin water for irrigation ☐ **Other** _____	☒ **Treatment BMPs:** ☒ Infiltration Practices ☐ Wet ponds ☐ Created wetland treatment systems ☒ Vegetated swales ☐ Manufactured devices ☒ Bio-retention/infiltration ☐ Green Roofs ☐ **Land disposal:** ☐ Vegetated filters ☐ Riparian Buffers <150ft. ☐ Riparian Forest Buffer <150ft. ☐ Disconnection of roof drainage ☐ Bio-retention/bio-infiltration ☒ **Pollution prevention:** ☐ Street sweeping ☐ Nutrient, pesticide, herbicide or other chemical application plan alternatives ☒ PPC Plans ☒ Non-structural Practices ☒ Restoration BMPs ☐ **Stormwater reuse technologies:** ☐ Divert rainwater into impoundment ☐ Underground storage ☐ Spray/Drip Irrigation ☐ **Other** _____
Are the ABACT BMPs selected sufficient to minimize E&S discharges to the extent that existing or designated surface water uses are protected? ☒ Yes ☐ No If yes, Antidegradation analysis is complete. If no, NOI Application will be returned to the Applicant.	Are the ABACT BMPs selected sufficient to achieve no net change and assure that existing or designated surface water uses are protected? ☒ Yes ☐ No If yes, Antidegradation analysis is complete. If no, NOI Application will be returned to the Applicant.

SECTION J. COMPLIANCE HISTORY REVIEW

Is/was the applicant(s) in violation of any Department regulation, order, schedule of compliance or permit or in violation of any department regulated activities within the past five years?

☒ Yes ☐ No

If yes, provide the permit number or facility name, a brief description of the violation, the compliance schedule (including dates and steps to achieve compliance) and the current compliance status. (Attach additional information on a separate sheet, when necessary)

Permit Program or Activity: Chapter 102, Chapter 105, PAG-10
Permit Number (if applicable):

1. **ESG03000150001, ESG00350150001, ESG00081150001**
2. **E41-649**
3. **E-19-311, E36-947, E-38-195, E40-769,E49-336, E54-360, E58-315, E66-160, E41-667, E18-495,**
4. **PAG109632**

Brief Description of non-compliance:

Consent Assessment of Civil Penalty, Reports past due.

Steps taken to achieve compliance	Date(s) compliance achieved
1. Consent Assessment of Civil Penalty 2. Consent Assessment of Civil Penalty. Permits being obtained to complete channel restoration 3. Consent Assessment of Civil Penalty 4. All past due reports were provided to PADEP	1. 9/20/2020 2. 8/9/2020 3. 9/20/2020 4. 12/14/2017

Current Compliance Status: ☒ In-Compliance ☐ In Non-Compliance

If in non-compliance, attach schedule for achieving compliance.

SECTION K. CERTIFICATION BY PERSON PREPARING E&S AND PCSM/SR PLANS

I do hereby certify to the best of my knowledge, information, and belief, that the Erosion and Sediment Control and PCSM/Site Restoration Plans are true and correct, represent actual field conditions, and are in accordance with the 25 Pa. Code Chapters 78/78a and 102 of the Department's rules and regulations. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment.

Print Name Kevin C. Clark	Signature	Professional Seal
Company BAI Group, LLC		
Address 2525 Green Tech Drive, Suite D, State College, PA-16803		
Phone (814) 238-2060		
Most Recent DEP Training Attended _____	Location _____ Date _____	
e-Mail Address kclark@baigroupllc.com		

EXPEDITED REVIEW PROCESS

In addition to the certification required above, applicants using the expedited permit review process must attach an E&S and PCSM/Site Restoration Plans developed and sealed by a licensed professional engineer, surveyor or professional geologist. The plans shall contain the following certification:

*I do hereby certify to the best of my knowledge, information, and belief, that the E & S Control and PCSM/SR BMPs are true and correct, represent actual field conditions and are in accordance with the 25 Pa. Code Chapters 78 / 78a and 102 of the Department's rules and regulations. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment***.**

SECTION L. APPLICANT CERTIFICATION

Applicant Certification

I certify under penalty of law, as provided by 18 Pa. C.S.A. § 4904, that this application and all related attachments were prepared by me or under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my own knowledge and on inquiry of the person or persons who manage the system or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate and complete. The responsible official's signature also verifies that the activity is eligible to participate in the ESCGP, and that the applicant agrees to abide by the terms and conditions of the permit. BMP's, E&S Plan, PPC Plan, PCSM Plan, and other controls are being or will be, implemented to ensure that water quality standards and effluent limits are attained.

I grant permission to the agencies responsible for the permitting of this work, or their duly authorized representative to enter the project site for inspection purposes. I will abide by the conditions of the permit if issued and will not begin work prior to permit issuance.

(For individuals no indication of title is necessary, choose the box below. All others proceed to the next paragraph)

☐ **Individual; proceed to signature portion.**

I hereby certify under penalty of law, as provided by 18 Pa. C.S.A. § 4904, that I am the person who is responsible for decision-making regarding environmental compliance functions for Transcontinental Gas Pipeline Company, LLC, the manager of one or more manufacturing, production, or operating facilities of the applicant and am authorized to make management decisions which govern the operation of regulated facility including having explicit or implicit duty of making major capital investment recommendations, and initiating and directing other comprehensive measures to assure the applicant's long term environmental compliance with environmental laws and regulations; and I am responsible for ensuring that the necessary systems are established or actions taken to gather complete and accurate information for permit application requirements.

(choose one of the following; not applicable for individuals):

☐ The responsible corporate officer ☐ president ☐ vice president ☐ secretary
☐ treasure of _____ Corporation/Company
Entity name

☒ The ☐ member or ☒ manager of Transcontinental Gas Pipe Line Company, LLC
Entity name

☐ The general partner of _____ partnership/LP/LLP
Entity name

☐ The principal executive officer or ranking elected official of _____ Municipality/State/Federal/other public agency
Entity name

☐ Power of Attorney/delegation of contractual authority (documentation supporting delegation of contracting authority must be provided) for _____
Entity name

_____	_____
Print Name and Title of Applicant	Print Name and Title of Co-Applicant (if applicable)
_____	_____
Signature of Applicant	Signature of Co-Applicant
_____	_____
Date Application Signed	Date Application Signed

Notarization

Sworn to and subscribed to before me this

_____ day of _____, 20_____

_____
Notary Public

AFFIX SEAL

Commonwealth of Pennsylvania

County of _____

My Commission expires _____

SECTION M. ADDITIONAL CONTACT INFORMATION				
Contact's Last Name	First Name	MI	Phone (814) 689-1650	
Nelson	Ryan	J	FAX	
Mailing Address	City		State	ZIP + 4
2525 Green Tech Drive, Suite B	State College		PA	16803
e-Mail Address ryann@whmgroup.com				

Section 1-1.1 NOI Supporting Information

Project Component	Site	Site Location City	ZIP Code	County	Municipality	Total Project Area/Project Site (Acre)	Total Disturbed Area (Acre)	Latitude / Longitude	U.S.G.S. 7.5 min. Topographic Quadrangle	Receiving Waters	Chapter 93, Designated Use Stream Classification	Chapter 93, Existing Use Stream Classification	Siltation Impaired
Regional Energy Lateral	Pipeline			Luzerne	Buck, Bear Creek, Plains, Jenkins, Kingston, Dallas, Wyoming, West Wyoming, Laflin	952.63	420.67 (includes CS 515 and sites below)	41.173337, -75.671706 (eastern terminus) 41.346917, -75.946263 (western terminus)	Kingston, Pittston, Avoca, Wilkes-Barre East, Pleasant View Summit	Stony Run, Shades Creek, Little Shades Creek, Snider Run, Meadow Run, Bear Creek, Little Bear Creek, Mill Creek, Gardner Creek, Susquehanna River, Abrahams Creek, Toby Creek, Trout Brook	MF, HQ-CWF, WWF, CWF	-	No
	CY-LU-001	Wyoming	18644	Luzerne	Wyoming		16.3 (Included within above total)	41.31016, -75.84636		Abrahams Creek	CWF, MF	-	No
	CY-LU-002	Wilkes-Barre	18702	Luzerne	Laflin		11.4 (Included within above total)	41.28491, -75.79026		Gardner Creek	CWF, MF	-	No
	MLV-515RA20	Wilkes-Barre	18702	Luzerne	Bear Creek Township		0.46 (Included within above total)	41.25279, -75.75856		Mill Creek	CWF, MF	-	No
	MLV-515RA30	Wyoming	18644	Luzerne	Wyoming Borough		0.44 (Included within above total)	41.30411, -75.84662		Susquehanna River	WWF		No
	Carverton Tie-in	Wyoming	18644	Luzerne	West Wyoming Borough		3.9 (Included within above total)	41.32053, -75.87270		Abrahams Creek	CWF, MF		No
	Lower Demunds REL Tie-in	Dallas	18612	Luzerne	Dallas Township		1.7 (Included within above total)	41.34652, -75.94551		Trout Brook	CWF, MF		No
	Hildebrandt Tie-in/MLV-515RA40	Dallas	18612	Luzerne	Dallas Township		3.1 (Included within above total)	41.34692, -75.94629		Toby Creek, Trout Brook	CWF, MF		No
	Laflin Borough Stream Stabilization	Wilkes-Barre	18702	Luzerne	Laflin Borough		0.94 (Included within above total)	41.28925, -75.80209		Gardner Creek	CWF, MF	-	No
Effort Loop	Pipeline			Monroe	Ross, Chestnuthill, Tunkhannock	360.63	262.18	40.896796, -75.370606 (Southeast Terminus) 41.053413, -75.526178 (Northwest Terminus)	Blakeslee, Pocono Pines, Brodheadsville, Saylorsburg	Lake Creek, Princess Run, Weir Creek, McMichael Creek, Pohopoco Creek, Sugar Hollow Creek, Poplar Creek, Mud Run, Mud Pond Run, Tunkhannock Creek	EV, MF, HQ-CWF, CWF	EV, MF	No

Project Component	Site	Site Location City	ZIP Code	County	Municipality	Total Project Area/Project Site (Acre)	Total Disturbed Area (Acre)	Latitude / Longitude	U.S.G.S. 7.5 min. Topographic Quadrangle	Receiving Waters	Chapter 93, Designated Use Stream Classification	Chapter 93, Existing Use Stream Classification	Siltation Impaired
	MLV-505LD86 Sugar Hollow Valve Yard	Effort	18330	Monroe	Chestnut Hill Township		8.8 (Included within above total)	40.96775, -75.42980		Sugar Hollow Creek	CWF, MF	-	No
	CY-MO-001	Saylorsburg	18353	Monroe	Ross Township		50.1 (Included within above total)	40.89803, -75.36784		Lake Creek, Princess Run	HQ-CWF, MF, CWF	-	No
Delaware River Regulator		Easton	18040	Northampton	Lower Mt. Bethel	11.28	3.25	40.76220 -75.19653	Bangor, PA	Mud Run	CWF, MF	-	No
Mainline "A" Regulator		Washington Crossing	18977	Bucks	Lower Makefield	0.94	0.530	40.26807, -74.85712	Pennington, NJ-PA	Dyers Creek, Delaware River	MF, WWF	-	No
Compressor Station 200		Frazer	19335	Chester	East Whiteland	20.28	3.16	40.04998, -75.58589	Malvern, PA	Valley Creek	EV, MF, CWF	-	Yes
Compressor Station 515		White Haven	18661	Luzerne	Buck	952.63 (Included with Regional Energy Lateral)	24.83 (included with Regional Energy Lateral)	41.17380, -75.67118	Pleasant View Summit, PA	Shades Creek, Stony Run	HQ-CWF, MF	-	No

pennsylvania
DEPARTMENT OF ENVIRONMENTAL PROTECTION

COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
BUREAU OF CLEAN WATER

COUNTY NOTIFICATION OF PLANNED LAND DEVELOPMENT FOR CHAPTER 102 PERMITS

PROJECT INFORMATION (COMPLETED BY APPLICANT)

Applicant Name:	**Transcontinental Gas Pipe Line Company, a subsidiary of Williams Partners, L.P.**	Contact Name:	**Joseph Dean** **Manager-Permitting**
Applicant Address:	**2800 Post Oak Blvd, Level 11**	Contact Phone:	**(713) 215-3427**
Applicant City, State, ZIP:	**Houston, TX 77056**	County:	**Chester**

Description of Proposed Land Development and Stormwater Controls:

The existing Compressor Station 200 component of the Regional Energy Access Expansion Project is proposed to connect the existing Trancso Mainline A into suction to support south flow. E&S and PCSM BMP's are proposed.

Municipality: **East Whiteland**

Project Area: **20.28** acres ☐ Phased

Disturbance: **3.16** acres

Surface Waters Receiving Stormwater Discharges:
Valley Creek

Discharge to: ☐ MS4 ☐ Other SS ☐ CSS

Tax Parcel ID(s) Affected by Proposed Land Development:

4203 0065000 & 4203 0066000

The following information was submitted to the county for this project:

☐ Land Development / Subdivision Plan ☒ E&S Plan ☒ PCSM Plan ☐ Other:

***On March 31, 2021 Transco submitted to you its E&S and PCSM Plans (Plans) as part of the ESCGP-3 permit application notification. Transco provided an update in July 2021 indicating the Erosion and Sediment Control Permit for Discharges of Stormwater Associated with Construction Activities Application was submitted to the PA Dept. of Environmental Protection to replace the ESCGP-3 application. Transco has updated the application in response to the PADEP Technical Deficiencies and is providing the updated materials. Updated drawings, location maps, GIF form and Parcel ID tables are included.**

COUNTY PLAN INFORMATION (COMPLETED BY COUNTY)

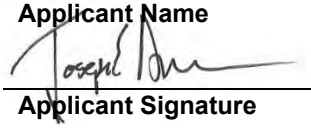
Name of county organization completing this assessment:

1.	Is there an adopted county or multi-county comprehensive plan?	☐ Yes	☐ No	
2.	If Yes to #1, is the proposed project consistent with the county plan?	☐ Yes	☐ No	
3.	Is there a DEP-approved Act 167 stormwater management plan?	☐ Yes	☐ No	☐ CCD
4.	If Yes to #3, is the proposed project consistent with the Act 167 plan, without waiver?	☐ Yes	☐ No	☐ CCD
5.	If Yes to #3, list the date of the latest plan / update approved by DEP:			☐ CCD

APPLICANT CERTIFICATION	COUNTY ACKNOWLEDGEMENT
I certify under penalty of law (see 18 Pa.C.S. § 4904 (relating to unsworn falsification)) that the information reported herein was prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the information, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.	The county acknowledges that a permit application for the above-referenced project has been submitted to a reviewing agency and that notification requirements of Act 14 of 1984 and Acts 67, 68, and 127 of 2000 have been satisfied. The information reported herein by the county is true and accurate. County acknowledgment of receipt of notification shall not be construed as project approval.

Joseph Dean

Applicant Name



Applicant Signature

Manager - Permitting

Applicant Title

04/06/2022

Date of Signature

County Representative Name

County Representative Signature

County Representative Title

Date of Signature

From: UPS
To: SFOX@WHMGROUP.COM
Subject: UPS Delivery Notification, Tracking Number 1Z8797VV0392586386
Date: Friday, April 8, 2022 9:28:23 AM

Hello, your package has been delivered.

Delivery Date: Friday, 04/08/2022
Delivery Time: 9:27 AM
Left At: FRONT DESK
Signed by: JOHN

WHM CONSULTING, INC

Tracking Number:	1Z8797VV0392586386
Ship To:	CHESTER COUNTY COMMISSIONERS 313 WEST MARKET STREET SUITE 6202 W CHESTER, PA 19380 US
Number of Packages:	1
UPS Service:	UPS Ground
Package Weight:	1.0 LBS
Reference Number:	WILLIAMS-20-271, T2C

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Transcontinental Gas Pipe Line Company, LLC

Section 1-11 – General Information Form

Regional Energy Access Expansion Project

April 2021
(Added July 2021)
(Revised March 2022)

pennsylvania
DEPARTMENT OF ENVIRONMENTAL PROTECTION

COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION

GENERAL INFORMATION FORM – AUTHORIZATION APPLICATION

Before completing this General Information Form (GIF), read the step-by-step instructions provided in this application package. This form is used by the Department of Environmental Protection (DEP) to inform our programs regarding what other DEP permits or authorizations may be needed for the proposed project or activity. This version of the General Information Form (GIF) must be completed and returned with any program-specific application being submitted to the DEP.

Related ID#s (If Known)				DEP USE ONLY
Client ID#		**APS ID#**		Date Received & General Notes
Site ID#		**Auth ID#**		
Facility ID#				

CLIENT INFORMATION

DEP Client ID#	Client Type / Code	Dun & Bradstreet ID#
163321	LLC	

Legal Organization Name or Registered Fictitious Name	Employer ID# (EIN)	Is the EIN a SSN?
Transcontinental Gas Pipe Line Company, LLC	74-1079400	☐ Yes ☒ NO

State of Incorporation or Registration of Fictious Name

☐ Corporation ☒ LLC ☐ Partnership ☐ LLP ☐ LP
☐ Sole Proprietorship ☐ Association/Organization
☐ Estate/Trust ☐ Other

Individual Last Name	First Name	MI	Suffix

Additional Individual Last Name	First Name	MI	Suffix

Mailing Address Line 1	Mailing Address Line 2
2800 Post Oak Blvd, Level 11	

Address Last Line – City	State	ZIP+4	Country
Houston	TX	77056	United States

Client Contact Last Name	First Name	MI	Suffix
Dean	Joseph		

Client Contact Title	Phone	Ext	Cell Phone
Manager, Permitting	(713) 215-3427		

Email Address	FAX
Joseph.Dean@Williams.com	

SITE INFORMATION

DEP Site ID#	Site Name
	Regional Energy Access Expansion Project

EPA ID# **Estimated Number of Employees to be Present at Site**

Description of Site
The Project is an expansion of an existing natural gas transmission system consisting of pipelines, modification of three existing compressor stations and additional existing ancillary facilities.

Tax Parcel ID(s):

County Name(s)	Municipality(ies)	City	Boro	Twp	State
Luzerne	Buck, Bear Creek, Plains, Jenkins, Kingston, Dallas, Wyoming, West Wyoming, Laflin	☐	☒	☒	PA
Monroe	Ross, Chestnuthill, Tunkhannock	☐	☐	☒	PA
Northampton	Lower Mt. Bethel	☐	☐	☒	PA
Bucks	Lower Makefield	☐	☐	☒	PA
Chester	East Whiteland	☐	☐	☒	PA
		☐	☐	☒	PA
		☐	☒	☐	PA

Site Location Line 1	Site Location Line 2
See Section 1.1 - GIF Supporting Information	

Site Location Last Line – City	State	ZIP+4

Detailed Written Directions to Site
See Secton 1.1 - GIF Supporting Information for locations of all project sites.

Site Contact Last Name	First Name	MI	Suffix
Henry	Josh		

Site Contact Title	Site Contact Firm
Environmental Specialist	Transcontinental Gas Pipe Line Company, LLC.

Mailing Address Line 1	Mailing Address Line 2
2000 Commerce Drive, Park Place 2	

Mailing Address Last Line – City	State	ZIP+4
Pittsburgh	PA	15275

Phone	Ext	FAX	Email Address
(412) 787- 4277			Josh.Henry@Williams.com

NAICS Codes (Two- & Three-Digit Codes – List All That Apply) **6-Digit Code** (Optional)
221

Client to Site Relationship
OWNOP

FACILITY INFORMATION

Modification of Existing Facility	Yes	No
1. **Will this project modify an existing facility, system, or activity?**	☒	☐
2. **Will this project involve an addition to an existing facility, system, or activity?**	☒	☐

If "Yes", check all relevant facility types and provide DEP facility identification numbers below.

	Facility Type	DEP Fac ID#		Facility Type	DEP Fac ID#
☐	Air Emission Plant		☐	Industrial Minerals Mining Operation	
☐	Beneficial Use (water)		☐	Laboratory Location	
☐	Blasting Operation		☐	Land Recycling Cleanup Location	
☐	Captive Hazardous Waste Operation		☐	Mine Drainage Treatment / Land Recycling Project Location	
☐	Coal Ash Beneficial Use Operation		☐	Municipal Waste Operation	
☐	Coal Mining Operation		☐	Oil & Gas Encroachment Location	
☐	Coal Pillar Location		☐	Oil & Gas Location	
☐	Commercial Hazardous Waste Operation		☐	Oil & Gas Water Poll Control Facility	
☐	Dam Location		☐	Public Water Supply System	
☐	Deep Mine Safety Operation -Anthracite		☐	Radiation Facility	
☐	Deep Mine Safety Operation -Bituminous		☐	Residual Waste Operation	
☐	Deep Mine Safety Operation -Ind Minerals		☐	Storage Tank Location	
☐	Encroachment Location (water, wetland)		☐	Water Pollution Control Facility	
☐	Erosion & Sediment Control Facility		☐	Water Resource	
☐	Explosive Storage Location		☒	Other: Natural Gas Transmission	

Latitude/Longitude Point of Origin	Latitude Degrees	Latitude Minutes	Latitude Seconds	Longitude Degrees	Longitude Minutes	Longitude Seconds
See Section 1.1 - GIF Supporting Information						

Horizontal Accuracy Measure	Feet	*--or--*	Meters
Horizontal Reference Datum Code	☐ North American Datum of 1927 ☒ North American Datum of 1983 ☐ World Geodetic System of 1984		
Horizontal Collection Method Code	GISDR		
Reference Point Code	CNTAR		
Altitude	Feet	*--or--*	Meters
Altitude Datum Name	☐ The National Geodetic Vertical Datum of 1929 ☒ The North American Vertical Datum of 1988 (NAVD88)		
Altitude (Vertical) Location Datum Collection Method Code	TOPO		

Geometric Type Code	POINT				
Data Collection Date	2020				
Source Map Scale Number	1	Inch(es)	=	2,000	Feet
--or--		Centimeter(s)	=		Meters

PROJECT INFORMATION

Project Name
Regional Energy Access Expansion Project

Project Description
The Project is an expansion of Transco's existing natural gas transmission system that will enable Transco to provide an incremental 829,400 dekatherms per day (Dth/d) of year-round firm transportation capacity from the Marcellus Shale production area in northeastern Pennsylvania (PA) to multiple delivery points along Transco's Leidy Line in PA, Transco's mainline at the Station 210 Zone 6 Pooling Point in Mercer County, New Jersey (NJ) and multiple delivery points in Transco's Zone 6 in NJ, PA, and Maryland (MD). The Project will consist of the following components:

• Approximately 22.2 miles of 30-inch-diameter pipeline partially collocated with Transco's Leidy Line A from milepost (MP) 0.00 to MP 22.32 in Luzerne County, PA (Regional Energy Lateral);

• Approximately 13.8 miles of 42-inch-diameter pipeline collocated with Transco's Leidy Line System from MP 43.72 to MP 57.50 in Monroe County, PA (Effort Loop);

• New electric motor-driven compressor station identified as Compressor Station 201 with 9,000 nominal horsepower (HP) in Gloucester County, NJ;

• Addition of two gas-fired turbine driven compressor units with 31,800 nominal HP at ISO conditions at existing Compressor Station 505 in Somerset County, NJ, to accommodate the abandonment and replacement of approximately 16,000 HP from eight existing internal combustion engine-driven compressor units and increase the certificated station compression by 15,800 HP;

• Addition of two gas-fired turbine driven compressor units with 63,742 nominal HP at ISO conditions and modification of three existing compressors at existing Compressor Station 515 in Luzerne County, PA to support the Project and to accommodate the abandonment and replacement of approximately 17,000 HP from five existing gas-fired reciprocating engine driven compressors and increase the certificated station compression by 46,742 HP;

• Uprate and rewheel two existing electric motor-driven compressor units at existing Compressor Station 195 in York County, PA to increase the certificated station compression by 6,000 HP and accommodate the abandonment of two existing gas-fired reciprocating engine driven compressors, which total approximately 8,000 HP;

• Modifications at existing Compressor Station 200 in Chester County, PA;

• Uprate one existing electric motor-driven compressor unit at Compressor Station 207 in Middlesex County, NJ to increase the certificated station compression by 4,100 HP;

• Modifications to three (3) existing pipeline tie-ins in PA (Hildebrandt Tie-in, Lower Demunds REL Tie-in, and Carverton Tie-in);

• Addition of regulation controls at an existing valve setting on Transco's Mainline "A" in Bucks County, PA (Mainline A Regulator);

• Modifications at the existing Delaware River Regulator in Northampton County, PA;

• Modifications at the existing Centerville Regulator in Somerset County, NJ;

• Modifications to the existing valves and piping at the Princeton Junction (Station 210 Pooling Point) in Mercer County, NJ;

• Modifications to three (3) existing delivery meter stations in NJ (Camden M&R Station, Lawnside M&R Station, and Mt. Laurel M&R Station);

• Modifications to one (1) existing delivery meter station in MD (Beaver Dam M&R Station);

• Contractual changes (no modifications) at ten (10) existing delivery meter stations in PA and NJ (Algonquin-Centerville Meter Station, Post Road Meter Station, New Village Meter Station, Spruce Run Meter Station, Marcus Hook Meter Station, Ivyland Meter Station, Repaupo Meter Station, Morgan Meter Station, Lower Mud Run Meter Station, and Chesterfield Meter Station);

• Additional ancillary facilities, such as mainline valves (MLVs), cathodic protection, communication facilities, and internal inspection device (e.g., pig) launchers and receivers in PA; and

• Existing, improved, and new access roads and contractor yards/staging areas in PA, NJ, and MD.

In an ongoing effort to reduce its air emissions footprint, Transco is assessing the replacement of vintage gas-fired reciprocating engine driven compressors with more efficient state-of-the-art gas-fired turbine driven compressors. The proposed compression abandonment and replacement scopes at Transco's existing Compressor Station 505 and Compressor Station 515 are part of this effort and have been adopted into the Project scope. Additionally, the uprate and optimization of existing electric motor-driven compression to accommodate abandonment of gas-fired reciprocating engine driven compression at Compressor Station 195 has also been adopted into the Project scope.

The Algonquin-Centerville, Post Road, New Village, Spruce Run, Marcus Hook, Ivyland, Repaupo, Morgan, Lower Mud Run, and Chesterfield Meter Stations can accommodate the contractual changes proposed as part of this Project; therefore, no modifications are proposed at these facilities

Project Consultant Last Name	**First Name**	**MI**	**Suffix**
Nelson	Ryan		

Project Consultant Title	**Consulting Firm**
Senior Project Manager	WHM Consulting, LLC

Mailing Address Line 1	**Mailing Address Line 2**
2525 Green Tech Drive; Suite B	

Address Last Line – City	**State**	**ZIP+4**
State College	PA	16803

Phone	**Ext**	**FAX**	**Email Address**
(814) 689-1650	102		ryann@whmgroup.com

Time Schedules	**Project Milestone (Optional)**
March 2021	Submit 401 WQC
April 2021	Submit Chapter 102 / 105 Permits
2nd Quarter of 2023	Commence Construction
4th Quarter 2024	In-service Date

1. Is the project located in or within a 0.5-mile radius of an Environmental Justice community as defined by DEP? ☒ Yes ☐ No

To determine if the project is located in or within a 0.5-mile radius of an environmental justice community, please use the online Environmental Justice Areas Viewer.

2. Have you informed the surrounding community prior to submitting the application to the Department? ☒ Yes ☐ No

Method of notification:

1) Open house schedule mailed to affected parties;

2) Newspaper advertisements of open houses placed in newspapers of general circulation in the Project area;

3) Open houses (a mixture of virtual and in-person) held in the county of each major project scope item;
4) Newspaper advertisements prior to commencement of construction, which will be placed in those same publications;
5) Notification to businesses potentially affected by construction;
6) Designation of a point of contact for stakeholder communication;
7) A Project toll free telephone number for public inquiries; and
•8) A Project website with periodic updates of relevant information.

3. Have you addressed community concerns that were identified? ☒ Yes ☐ No ☐ N/A

If no, please briefly describe the community concerns that have been expressed and not addressed.

4. Is your project funded by state or federal grants? ☐ Yes ☒ No

Note: If "Yes", specify what aspect of the project is related to the grant and provide the grant source, contact person and grant expiration date.

Aspect of Project Related to Grant
Grant Source: _____
Grant Contact Person: _____
Grant Expiration Date: _____

5. Is this application for an authorization on Appendix A of the Land Use Policy? (For referenced list, see Appendix A of the Land Use Policy attached to GIF instructions) ☒ Yes ☐ No

Note: If "No" to Question 5, the application is not subject to the Land Use Policy.
If "Yes" to Question 5, the application is subject to this policy and the Applicant should answer the additional questions in the **Land Use Information** section.

LAND USE INFORMATION

Note: Applicants should submit copies of local land use approvals or other evidence of compliance with local comprehensive plans and zoning ordinances.

1.	**Is there an adopted county or multi-county comprehensive plan?**	☒	Yes	☐	No
2.	**Is there a county stormwater management plan?**	☒	Yes	☐	No
3.	**Is there an adopted municipal or multi-municipal comprehensive plan?**	☒	Yes	☐	No
4.	**Is there an adopted county-wide zoning ordinance, municipal zoning ordinance or joint municipal zoning ordinance?**	☒	Yes	☐	No
5.	**Does the proposed project meet the provisions of the zoning ordinance or does the proposed project have zoning approval?** If zoning approval has been received, attach documentation.	☒	Yes	☐	No
6.	**Have you attached Municipal and County Land Use Letters for the project?**	☐	Yes	☒	No

Note: If the Applicant answers "No" to either Questions 1, 3 or 4, the provisions of the PA MPC are not applicable and the Applicant does not need to respond to questions 5 and 6 below.
If the Applicant answers "Yes" to questions 1, 3 and 4, the Applicant should respond to questions 5 and 6 below.

* This Project is regulated by the Federal Energy Regulatory Commission (FERC) under the Natural Gas Act. FERC has exclusive jurisdiction over siting of the Project, therefore, local zoning is preempted.

COORDINATION INFORMATION

Note: The PA Historical and Museum Commission must be notified of proposed projects in accordance with DEP Technical Guidance Document 012-0700-001 utilizing the Project Review Form.

If the activity will be a mining project (i.e., mining of coal or industrial minerals, coal refuse disposal and/or the operation of a coal or industrial minerals preparation/processing facility), respond to questions 1.0 through 2.5 below.

If the activity will not be a mining project, skip questions 1.0 through 2.5 and begin with question 3.0.

1.0	**Is this a coal mining project?** If "Yes", respond to 1.1-1.6. If "No", skip to Question 2.0.	☐	Yes	☒	No
1.1	**Will this coal mining project involve coal preparation/ processing activities in which the total amount of coal prepared/processed will be equal to or greater than 200 tons/day?**	☐	Yes	☐	No
1.2	**Will this coal mining project involve coal preparation/ processing activities in which the total amount of coal prepared/processed will be greater than 50,000 tons/year?**	☐	Yes	☐	No
1.3	**Will this coal mining project involve coal preparation/ processing activities in which thermal coal dryers or pneumatic coal cleaners will be used?**	☐	Yes	☐	No
1.4	**For this coal mining project, will sewage treatment facilities be constructed and treated waste water discharged to surface waters?**	☐	Yes	☐	No
1.5	**Will this coal mining project involve the construction of a permanent impoundment meeting one or more of the following criteria: (1) a contributory drainage area exceeding 100 acres; (2) a depth of water measured by the upstream toe of the dam at maximum storage elevation exceeding 15 feet; (3) an impounding capacity at maximum storage elevation exceeding 50 acre-feet?**	☐	Yes	☐	No
1.6	**Will this coal mining project involve underground coal mining to be conducted within 500 feet of an oil or gas well?**	☐	Yes	☐	No
2.0	**Is this a non-coal (industrial minerals) mining project?** If "Yes", respond to 2.1-2.6. If "No", skip to Question 3.0.	☐	Yes	☒	No
2.1	**Will this non-coal (industrial minerals) mining project involve the crushing and screening of non-coal minerals other than sand and gravel?**	☐	Yes	☐	No
2.2	**Will this non-coal (industrial minerals) mining project involve the crushing and/or screening of sand and gravel with the exception of wet sand and gravel operations (screening only) and dry sand and gravel operations with a capacity of less than 150 tons/hour of unconsolidated materials?**	☐	Yes	☐	No
2.3	**Will this non-coal (industrial minerals) mining project involve the construction, operation and/or modification of a portable non-metallic (i.e., non-coal) minerals processing plant under the authority of the General Permit for Portable Non-metallic Mineral Processing Plants (i.e., BAQ-PGPA/GP-3)?**	☐	Yes	☐	No
2.4	**For this non-coal (industrial minerals) mining project, will sewage treatment facilities be constructed and treated waste water discharged to surface waters?**	☐	Yes	☐	No
2.5	**Will this non-coal (industrial minerals) mining project involve the construction of a permanent impoundment meeting one or more of the following criteria: (1) a contributory drainage area exceeding 100 acres; (2) a depth of water measured by the upstream toe of the dam at maximum storage elevation exceeding 15 feet; (3) an impounding capacity at maximum storage elevation exceeding 50 acre-feet?**	☐	Yes	☐	No

3.0	**Will your project, activity, or authorization have anything to do with a well related to oil or gas production, have construction within 200 feet of, affect an oil or gas well, involve the waste from such a well, or string power lines above an oil or gas well?** If "Yes", respond to 3.1-3.3. If "No", skip to Question 4.0.	☐	Yes	☒	No
3.1	**Does the oil- or gas-related project involve any of the following: placement of fill, excavation within or placement of a structure, located in, along, across or projecting into a watercourse, floodway or body of water (including wetlands)?**	☐	Yes	☐	No
3.2	**Will the oil- or gas-related project involve discharge of industrial wastewater or stormwater to a dry swale, surface water, ground water or an existing sanitary sewer system or storm water system?** If "Yes", discuss in *Project Description*.	☐	Yes	☐	No
3.3	**Will the oil- or gas-related project involve the construction and operation of industrial waste treatment facilities?**	☐	Yes	☐	No
4.0	**Will the project involve a construction activity that results in earth disturbance?** If "Yes", specify the total disturbed acreage.	☒	Yes	☐	No
	4.0.1 Total Disturbed Acreage + / - 672				
	4.0.2 Will the project discharge or drain to a special protection water (EV or HQ) or an EV wetland?	☒	Yes	☐	No
	4.0.3 Will the project involve a construction activity that results in earth disturbance in the area of the earth disturbance that are contaminated at levels exceeding residential or non-residential medium-specific concentrations (MSCs) in 25 Pa. Code Chapter 250 at residential or non-residential construction sites, respectively?	☐	Yes	☒	No
5.0	**Does the project involve any of the following: water obstruction and/or encroachment, wetland impacts, or floodplain project by the Commonwealth/political subdivision or public utility?** If "Yes", respond to 5.1-5.7. If "No", skip to Question 6.0.	☒	Yes	☐	No
5.1	**Water Obstruction and Encroachment Projects – Does the project involve any of the following: placement of fill, excavation within or placement of a structure, located in, along, across or projecting into a watercourse, floodway or body of water?**	☒	Yes	☐	No
5.2	**Wetland Impacts – Does the project involve any of the following: placement of fill, excavation within or placement of a structure, located in, along, across or projecting into a wetland?**	☒	Yes	☐	No
5.3	**Floodplain Projects by the Commonwealth, a Political Subdivision of the Commonwealth or a Public Utility – Does the project involve any of the following: placement of fill, excavation within or placement of a structure, located in, along, across or projecting into a floodplain?**	☐	Yes	☒	No
5.4	**Is your project an interstate transmission natural gas pipeline?**	☒	Yes	☐	No
5.5	**Does your project consist of linear construction activities which result in earth disturbance in two or more DEP regions AND three or more counties?**	☒	Yes	☐	No
5.6	**Does your project utilize Floodplain Restoration as a best management practice for Post Construction Stormwater Management?**	☐	Yes	☒	No
5.7	**Does your project utilize Class V Gravity / Injection Wells as a best management practice for Post Construction Stormwater Management?**	☐	Yes	☒	No
6.0	**Will the project involve discharge of construction related stormwater to a dry swale, surface water, ground water or separate storm water system?**	☒	Yes	☐	No

6.1	**Will the project involve discharge of industrial waste stormwater or wastewater from an industrial activity or sewage to a dry swale, surface water, ground water or an existing sanitary sewer system or separate storm water system?**	☒	Yes	☐	No
7.0	**Will the project involve the construction and operation of industrial waste treatment facilities?**	☐	Yes	☒	No
8.0	**Will the project involve construction of sewage treatment facilities, sanitary sewers, or sewage pumping stations?** If "Yes", indicate estimated proposed flow (gal/day). Also, discuss the sanitary sewer pipe sizes and the number of pumping stations/treatment facilities/name of downstream sewage facilities in the *Project Description*, where applicable.	☐	Yes	☒	No
	8.0.1 Estimated Proposed Flow (gal/day)				
9.0	**Will the project involve the subdivision of land, or the generation of 800 gpd or more of sewage on an existing parcel of land or the generation of an additional 400 gpd of sewage on an already-developed parcel, or the generation of 800 gpd or more of industrial wastewater that would be discharged to an existing sanitary sewer system?**	☐	Yes	☒	No
	9.0.1 Was Act 537 sewage facilities planning submitted and approved by DEP? If "Yes" attach the approval letter. Approval required prior to 105/NPDES approval.	☐	Yes	☐	No
10.0	**Is this project for the beneficial use of biosolids for land application within Pennsylvania?** If "Yes" indicate how much (i.e. gallons or dry tons per year).	☐	Yes	☒	No
	10.0.1 Gallons Per Year (residential septage)				
	10.0.2 Dry Tons Per Year (biosolids)				
11.0	**Does the project involve construction, modification or removal of a dam?** If "Yes", identify the dam.	☐	Yes	☒	No
	11.0.1 Dam Name				
12.0	**Will the project interfere with the flow from, or otherwise impact, a dam?** If "Yes", identify the dam.	☐	Yes	☒	No
	12.0.1 Dam Name				
13.0	**Will the project involve operations (excluding during the construction period) that produce air emissions (i.e., NOX, VOC, etc.)?**	☒	Yes	☐	No
	13.0.1 If "Yes", is the operation subject to the agricultural exemption in 35 P.S. § 4004.1?	☐	Yes	☒	No

13.0.2 If the answer to 13.0.1 is "No", identify each type of emission followed by the estimated amount of that emission.

Enter all types & amounts of emissions; separate each set with semicolons.

Summary of Compressor Station 515 Estimated Net Operational Potential to Emit (PTE): NOx - 196.8; CO - 314.40; VOC - 50.6; SO2 - 14.0; PM10/PM2.5 - 30.6; Single HAP (formaldehyde)- 8.7; Total HAP - 12.2; CO2e - 511,413 = Annual (tpy)

Summary of Pipeline and M&R Station Estimated Operational Potential to Emit (PTE): VOC - 1.17; Single HAP - 0.20; Total HAP - 0.20; CO2e - 5460.47 = Annual (tpy)

Modifications to Compressor Station 195 and Compressor Station 200 only include uprating existing electric motor-driven compression capacity or piping and valve modifications; therefore, Transco anticipates these facilities will have insignificant operational emissions.

14.0	**Does the project include the construction or modification of a drinking water supply to serve 15 or more connections or 25 or more people, at least 60 days out of the year?** If "Yes", check all proposed sub-facilities.	☐	Yes	☒	No
	14.0.1 Number of Persons Served _____				
	14.0.2 Number of Employee/Guests _____				
	14.0.3 Number of Connections _____				
	14.0.4 Sub-Fac: Distribution System	☐	Yes	☐	No
	14.0.5 Sub-Fac: Water Treatment Plant	☐	Yes	☐	No
	14.0.6 Sub-Fac: Source	☐	Yes	☐	No
	14.0.7 Sub-Fac: Pump Station	☐	Yes	☐	No
	14.0.8 Sub Fac: Transmission Main	☐	Yes	☐	No
	14.0.9 Sub-Fac: Storage Facility	☐	Yes	☐	No
15.0	**Will your project include infiltration of storm water or waste water to ground water within one-half mile of a public water supply well, spring or infiltration gallery?**	☒	Yes	☐	No
16.0	**Is your project to be served by an existing public water supply?** If "Yes", indicate name of supplier and attach letter from supplier stating that it will serve the project.	☐	Yes	☒	No
	16.0.1 Supplier's Name _____				
	16.0.2 Letter of Approval from Supplier is Attached	☐	Yes	☐	No
17.0	**Will this project be served by on-lot drinking water wells?**	☐	Yes	☒	No
18.0	**Will this project involve a new or increased drinking water withdrawal from a river, stream, spring, lake, well or other water bod(ies)?** If "Yes", reference Safe Drinking Water Program.	☐	Yes	☒	No
	18.0.1 Source Name				
19.0	**Will the construction or operation of this project involve treatment, storage, reuse, or disposal of waste?** If "Yes", indicate what type (i.e., hazardous, municipal (including infectious & chemotherapeutic), residual) and the amount to be treated, stored, re-used or disposed.	☐	Yes	☒	No
	19.0.1 Type & Amount				
20.0	**Will your project involve the removal of coal, minerals, contaminated media, or solid waste as part of any earth disturbance activities?**	☐	Yes	☒	No
21.0	**Does your project involve installation of a field constructed underground storage tank?** If "Yes", list each Substance & its Capacity. **Note:** Applicant may need a Storage Tank Site Specific Installation Permit.	☐	Yes	☒	No
	21.0.1 Enter all substances & capacity of each; separate each set with semicolons.				
22.0	**Does your project involve installation of an aboveground storage tank greater than 21,000 gallons capacity at an existing facility?** If "Yes", list each Substance & its Capacity. **Note:** Applicant may need a Storage Tank Site Specific Installation Permit.	☐	Yes	☒	No
	22.0.1 Enter all substances & capacity of each; separate each set with semicolons.				
23.0	**Does your project involve installation of a tank greater than 1,100 gallons which will contain a highly hazardous substance as defined in DEP's Regulated Substances List, 2570-BK-DEP2724?** If "Yes", list each Substance & its Capacity. **Note:** Applicant may need a Storage Tank Site Specific Installation Permit.	☐	Yes	☒	No
	23.0.1 Enter all substances & capacity of each; separate each set with semicolons.				

24.0	**Does your project involve installation of a storage tank at a new facility with a total AST capacity greater than 21,000 gallons?** If "Yes", list each Substance & its Capacity. **Note:** Applicant may need a Storage Tank Site Specific Installation Permit. **24.0.1 Enter all substances & capacity of each; separate each set with semicolons.**	☐	Yes	☒	No

NOTE: If the project includes the installation of a regulated storage tank system, including diesel emergency generator systems, the project may require the use of a Department Certified Tank Handler. For a full list of regulated storage tanks and substances, please go to www.dep.pa.gov search term storage tanks

25.0	**Will the intended activity involve the use of a radiation source?**	☐	Yes	☒	No

CERTIFICATION

I certify that I have the authority to submit this application on behalf of the applicant named herein and that the information provided in this application is true and correct to the best of my knowledge and information.

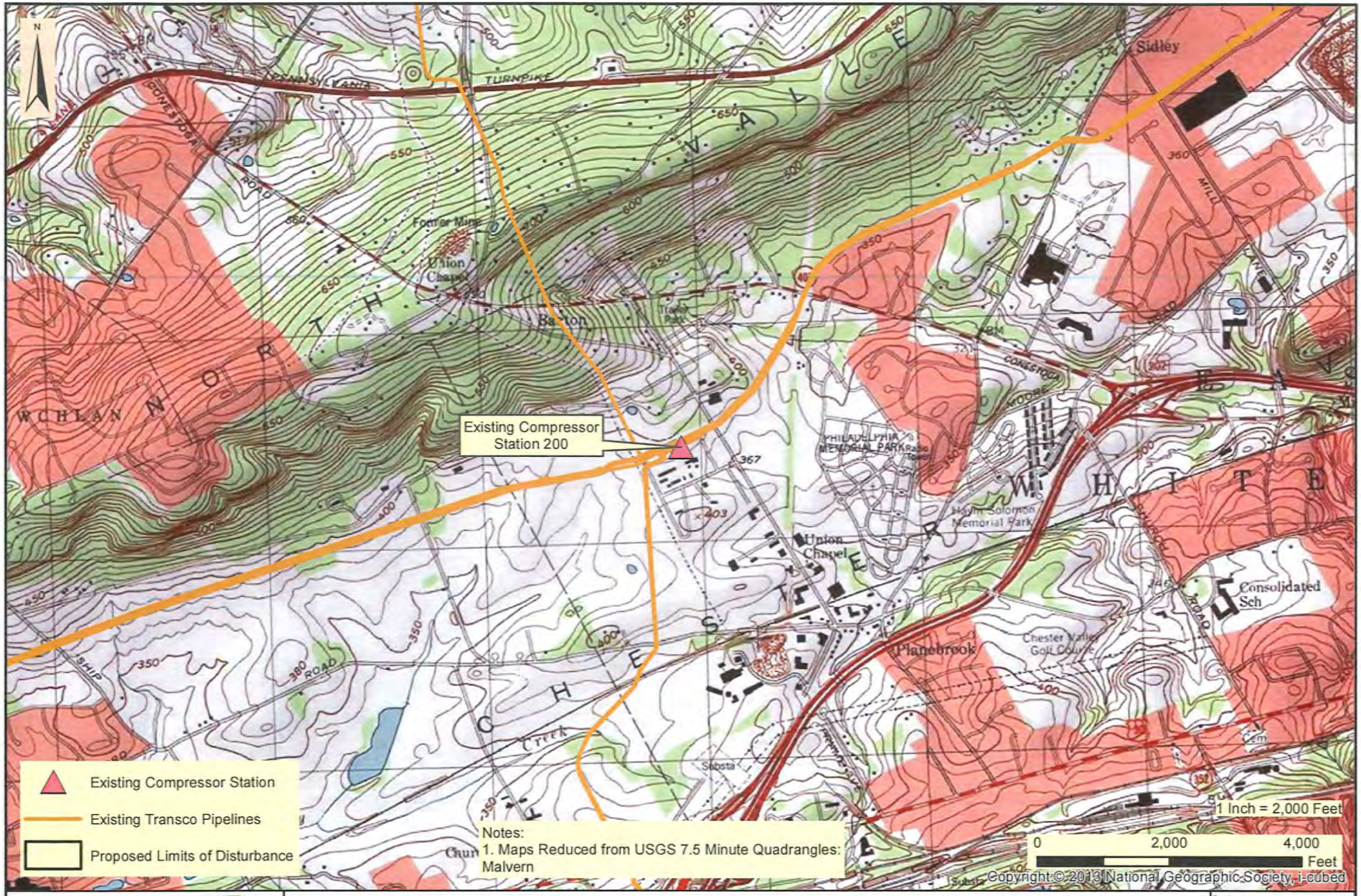
For applicants supplying an EIN number: I am applying for a permit or authorization from the Pennsylvania Department of Environmental Protection (DEP). As part of this application, I will provide DEP with an accurate EIN number for the applicant entity. By filing this application with DEP, I hereby authorize DEP to confirm the accuracy of the EIN number provided with the Pennsylvania Department of Revenue. As applicant, I further consent to the Department of Revenue discussing the same with DEP prior to issuance of the Commonwealth permit or authorization.

Type or Print Name Joseph Dean

Signature	Title	Date
	Manager, Permitting	02/24/2022

GIF Supporting Information

Project Component	Site	Site Location City	ZIP Code	Detailed Written Directions to Site	Latitude / Longitude
Effort Loop	Eastern Terminus	Saylorsburg	18353	From 209: heading East – Turn Right onto Frable Rd/T432. Follow for 1.7 miles. Turn Right onto Meixsell Valley Road/T361. Follow for .2 miles then turn left. Destination is in ~340 feet. Heading West-Turn Left onto Rte 115. Follow for 1.1 miles, then turn right onto Meixsell Valley Rd/T361. Continue for 1.4 miles then turn left. Destination is in ~340 feet.	40.896796, -75.370606
	Western Terminus	Long Pond	18334	From I-80: Heading East- Take exit 284 for PA-115 towards Blakeslee. Keep right at the fork, follow signs for Lake Harmony/Brodheadsville and merge on PA-115 S. Follow for 3.2 miles. Turn Left onto Long Pond Road. Destination will be in ~.2 miles. Heading West- Take exit 384 for PA-115 S. Turn left onto PA-115 S. Follow for 3.4 miles. Turn Left onto Long Pond Rd. Destination will be in ~.2 miles.	41.053413, -75.526178
Regional Energy Lateral	Eastern Terminus	White Haven	18661	From I-80: Heading West-Take exit 284 towards Blakeslee. Merge onto PA-115 N. Follow for 8.2 Miles. Turn Right onto Ridgeway Ave. Destination will be in .2 miles. Heading East- Take exit 284 towards Blakeslee. Turn left onto PA-115 N. Follow for 8.4 miles. Turn Right onto Ridgeway Ave. Destination will be in .2 miles. From I-476: Heading South- Take exit 105 to merge onto PA-115 S. Follow PA-115 S for 8.4 miles. Turn left onto Ridgeway Ave. Destination will be in .2 Miles	41.173337, -75.671706
	Western Terminus	Dallas	18612	From PA-309: Heading South-Head South on PA-309 S toward Dallas RV and MHP. Turn Left onto Hildebrandt Rd. Follow for .4 miles then turn right onto Conyngham Ave. Follow for .4 miles. Continue onto Fairground Road. Destination will be to the left in .2 Miles. Heading North-Head North on PA-309 N toward Grandview Ave. Turn right onto Hildebrandt Rd. Follow for .4 miles then turn right onto Conyngham Ave. Follow for .4 miles. Continue onto Fairground Road. Destination will be to the left in .2 Miles.	41.346917, -75.946263
Compressor Station 515		White Haven	18661	Same as REL Eastern Terminus	41.173337, -75.671706
Compressor Station 200		Frazer	19355	From I-76: East Bound- Take exit 312 toward PA-100 S/Pottstown Pike (Toll Rd). Keep left at the fork and follow signs for PA-100 S/Downingtown and merge onto PA-100 S/Pottstown Pike. Follow for 2.5 miles. Turn left onto N. Ship Rd and follow for .6 miles. Turn left onto Valley Hill Rd and follow for 1.7 miles. Turn right onto PA-401 E. Follow for .5 miles then turn right onto Bacton Hill Rd. Destination will be in .5 Miles. Heading West-Take exit 320 toward Melvern Turn left onto PA-29 S. Turn right at the 1st cross street onto Flat Rd. Turn right onto Sidley Road and then in .4 miles, turn left onto Phoenixville Pike. In .9 miles turn right onto PA-401 W and follow for 1 mile. Turn left onto N. Bacton Hill Road. Destination will be on the right in .5 miles.	40.049969, -75.585849
Delaware River Regulator/Lower Mud Run Meter Station		Easton	18040	To Delaware River Regulator- From 22: East Bound- Take the 4th Street/PA-248 Exit toward PA-611. Turn Left onto PA-248 E/Bushkill St. Follow for .4 miles then turn left onto PA-611 N. Keep right to continue on PA-611 N/N Delaware Dr and follow for 5 miles. Turn Left onto Lower Mud Run Rd. Destination will be on the left in .4 miles. To Lower Mud Run Meter Station- Head +/- 200' northwest from the Delaware River Regulator. The site is immediately adjacent to Delaware River Regulator.	40.762166, -75.19644/ 40.762706, -75.197631
Main Line A Regulator		Washington Crossing	18977	From I-295: Take exit 10 toward New Hope. Turn left onto Taylorsville Rd. Continue straight to stay on Taylorsville Rd. In .9 miles turn right onto Mt Eyre Rd. Follow for .2 miles then turn right onto PA-32 S. The destination will be on the right in 407 feet.	40.268063, -74.857125



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Williams®

TRANSCONTINENTAL GAS PIPE LINE COMPANY, LLC

REGIONAL ENERGY ACCESS EXPANSION PROJECT

EXISTING COMPRESSOR STATION 200

PROJECT LOCATION MAP

EAST WHITELAND TOWNSHIP | CHESTER COUNTY | PENNSYLVANIA

Date: 2/10/2022

Drawn By: FTN

Figure Number: CS200-1

COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
BUREAU OF CLEAN WATER

MUNICIPAL NOTIFICATION OF PLANNED LAND DEVELOPMENT FOR CHAPTER 102 PERMITS

PROJECT INFORMATION (COMPLETED BY APPLICANT)

Applicant Name:	**Transcontinental Gas Pipe Line Company, a subsidiary of Williams Partners, L.P.**	Contact Name:	**Joseph Dean** **Manager-Permitting**
Applicant Address:	**2800 Post Oak Blvd, Level 11**	Contact Phone:	**(713) 215-3427**
Applicant City, State, ZIP:	**Houston, TX 77056**	County:	**Chester**
		Municipality:	**East Whiteland**

Description of Proposed Land Development and Stormwater Controls:

The existing Compressor Station 200 component of the Regional Energy Access Expansion Project is proposed to connect the existing Trancso Mainline A into suction to support south flow. E&S and PCSM BMP's are proposed.

Project Area: **20.28** acres ☐ Phased

Disturbance: **3.16** acres

Tax Parcel ID(s) Affected by Proposed Land Development:

4203 0065000 & 4203 0066000

Surface Waters Receiving Stormwater Discharges:

Valley Creek

Discharge to: ☐ MS4 ☐ Other SS ☐ CSS

The following information was submitted to the municipality for this project:

☐ Land Development / Subdivision Plan ☒ E&S Plan ☒ PCSM Plan ☐ Other:

***On March 31, 2021 Transco submitted to you its E&S and PCSM Plans (Plans) as part of the ESCGP-3 permit application notification. The purpose of this notice is to let you know that Transco will be submitting an Erosion and Sediment Control Permit for Discharges of Stormwater Associated with Construction Activities Application to the PA Dept. of Environmental Protection to replace the ESCGP-3 application. Please refer to the previously submitted Plans.**

MUNICIPAL PLAN / ORDINANCE INFORMATION (COMPLETED BY MUNICIPALITY)		
1. Is there an adopted municipal or multi-municipal comprehensive plan?	☐ Yes	☐ No
2. Is there an enacted municipal or multi-municipal zoning ordinance?	☐ Yes	☐ No
3. If Yes to #2, is the proposed project consistent with the ordinance?	☐ Yes	☐ No
4. Is there a municipal stormwater management ordinance?	☐ Yes	☐ No
5. If Yes to #4, is the proposed project consistent with the ordinance, without waiver?	☐ Yes	☐ No

6. If Yes to #4, indicate type of ordinance: ☐ Act 167 Model Ordinance ☐ DEP Model Ordinance (MS4s) ☐ Other

APPLICANT CERTIFICATION	MUNICIPAL ACKNOWLEDGEMENT
I certify under penalty of law (see 18 Pa.C.S. § 4904 (relating to unsworn falsification)) that the information reported herein was prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the information, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.	The municipality acknowledges that a permit application for the above-referenced project has been submitted to a reviewing agency and that notification requirements of Act 14 of 1984 and Acts 67, 68, and 127 of 2000 have been satisfied. The information reported herein by the municipality is true and accurate. The municipality reserves the right to comment to the reviewing agency relative to comprehensive plans, zoning, and stormwater ordinance consistency. Municipal acknowledgment of receipt of notification shall not be construed as project approval.

Joseph Dean

Applicant Name

Municipal Representative Name

Applicant Signature

Municipal Representative Signature

Manager - Permitting

Applicant Title

Municipal Representative Title

07/01/2021

Date of Signature

Date of Signature

COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
BUREAU OF CLEAN WATER

MUNICIPAL NOTIFICATION OF PLANNED LAND DEVELOPMENT FOR CHAPTER 102 PERMITS

PROJECT INFORMATION (COMPLETED BY APPLICANT)

Applicant Name:	**Transcontinental Gas Pipe Line Company, a subsidiary of Williams Partners, L.P.**	Contact Name:	**Joseph Dean** **Manager-Permitting**
Applicant Address:	**2800 Post Oak Blvd, Level 11**	Contact Phone:	**(713) 215-3427**
Applicant City, State, ZIP:	**Houston, TX 77056**	County:	**Chester**
		Municipality:	**East Whiteland**

Description of Proposed Land Development and Stormwater Controls:

The existing Compressor Station 200 component of the Regional Energy Access Expansion Project is proposed to connect the existing Trancso Mainline A into suction to support south flow. E&S and PCSM BMP's are proposed.

Project Area: **20.28** acres ☐ Phased

Disturbance: **3.16** acres

Tax Parcel ID(s) Affected by Proposed Land Development:

4203 0065000 & 4203 0066000

Surface Waters Receiving Stormwater Discharges:

Valley Creek

Discharge to: ☐ MS4 ☐ Other SS ☐ CSS

The following information was submitted to the municipality for this project:

☐ Land Development / Subdivision Plan ☒ E&S Plan ☒ PCSM Plan ☐ Other:

***On March 31, 2021 Transco submitted to you its E&S and PCSM Plans (Plans) as part of the ESCGP-3 permit application notification. The purpose of this notice is to let you know that Transco will be submitting an Erosion and Sediment Control Permit for Discharges of Stormwater Associated with Construction Activities Application to the PA Dept. of Environmental Protection to replace the ESCGP-3 application. Please refer to the previously submitted Plans.**

MUNICIPAL PLAN / ORDINANCE INFORMATION (COMPLETED BY MUNICIPALITY)		
1. Is there an adopted municipal or multi-municipal comprehensive plan?	☐ Yes	☐ No
2. Is there an enacted municipal or multi-municipal zoning ordinance?	☐ Yes	☐ No
3. If Yes to #2, is the proposed project consistent with the ordinance?	☐ Yes	☐ No
4. Is there a municipal stormwater management ordinance?	☐ Yes	☐ No
5. If Yes to #4, is the proposed project consistent with the ordinance, without waiver?	☐ Yes	☐ No

6. If Yes to #4, indicate type of ordinance: ☐ Act 167 Model Ordinance ☐ DEP Model Ordinance (MS4s) ☐ Other

APPLICANT CERTIFICATION	MUNICIPAL ACKNOWLEDGEMENT
I certify under penalty of law (see 18 Pa.C.S. § 4904 (relating to unsworn falsification)) that the information reported herein was prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the information, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.	The municipality acknowledges that a permit application for the above-referenced project has been submitted to a reviewing agency and that notification requirements of Act 14 of 1984 and Acts 67, 68, and 127 of 2000 have been satisfied. The information reported herein by the municipality is true and accurate. The municipality reserves the right to comment to the reviewing agency relative to comprehensive plans, zoning, and stormwater ordinance consistency. Municipal acknowledgment of receipt of notification shall not be construed as project approval.

Joseph Dean

Applicant Name

Municipal Representative Name

Applicant Signature

Municipal Representative Signature

Manager - Permitting

Applicant Title

Municipal Representative Title

07/01/2021

Date of Signature

Date of Signature

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To: SFOX@WHMGROUP.COM
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WHM CONSULTING, INC

Tracking Number:	**1Z8797VV0390800638**
Ship To:	EAST WHITELAND TOWNSHIP SUPERVISOR 209 CONESTOGA ROAD FRAZER, PA 19355 US
Number of Packages:	1
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Reference Number:	WILLIAMS-20-244, TASK 2C

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March 31, 2021

UPS TRACKING (1Z8797VV0393286369)

East Whiteland Township Supervisors
209 Conestoga Road
Frazer, PA 19355

Re: Regional Energy Access Expansion Project – Compressor Station 200
Pennsylvania Acts 14, 67, 68, and 127 Notification
East Whiteland Township, Chester County, Pennsylvania

Dear Township Supervisors:

This municipal notice, under the requirements of Act 14, 97 P.S. § 510-5, is to inform you that Transcontinental Gas Pipe Line Company, LLC (Transco), a subsidiary of The Williams Companies, Inc. (Williams) is applying for coverage under the Erosion and Sediment Control General Permit (ESCGP-3) for Earth Disturbance Associated with Oil & Gas Exploration, Production, Processing or Treatment Operations or Transmission Facilities from the Pennsylvania Department of Environmental Protection (DEP).

1) Project Name: Regional Energy Access Expansion Project – Compressor Station 200

2) Project Description: Transco, indirectly owned by The Williams Companies, Inc. (Williams), is seeking authorization from the Federal Energy Regulatory Commission (FERC or Commission) under Section 7(c) of the Natural Gas Act and Part 157 of the Commission's regulations, to construct, own, operate, and maintain the proposed Project facilities. The Project is an expansion of Transco's existing natural gas transmission system that will enable Transco to provide an incremental 829,400 dekatherms per day (Dth/d) of year-round firm transportation capacity from the Marcellus Shale production area in northeastern Pennsylvania (PA) to multiple delivery points along Transco's Leidy Line in PA, Transco's mainline at the Station 210 Zone 6 Pooling Point in Mercer County, New Jersey (NJ) and multiple delivery points in Transco's Zone 6 in NJ, PA, and Maryland (MD).

The existing Compressor Station 200 component of the Project is located in East Whiteland Township, Chester County. Proposed are compressor station modifications to connect the existing Trancso Mainline A into suction to support south flow.

3) Applicant Name: Transcontinental Gas Pipe Line Company, LLC's (Transco), a subsidiary of Williams Partners L.P. (Williams)

4) Applicant Contact: Joseph Dean
Environmental Manager
2800 Post Oak Blvd, Level 11
Houston, TX 77056
(713) 215-3417

5) Site Location: The proposed Project is located on the Malvern, Pennsylvania, 7.5 Minute USGS quadrangle at: 40° 2'59.88"N, 75°35'10.73"W.

6) Municipality / County: East Whiteland Township, Chester County

Act 14, which amended the Commonwealth's Administrative Code (71 P.S. § 510-5), requires every applicant for a new, amended, or revised permit to give written notice to each municipality (borough, township) and

county government in which the facility is located. The municipality and county government must receive the written notice at least thirty (30) - days before DEP may issue or deny approval of coverage.

Enclosed is a complete copy of the Notice of Intent (NOI) completed for the project as well as copies of the erosion and sediment control plan and post construction stormwater management plans.

Sincerely,

Ryan J. Nelson, PWS
WHM Consulting, LLC

Enclosures:

NOI Form
Erosion and Sediment Control Plan Drawings
Post Construction Stormwater Management Plan Drawings

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WHM CONSULTING, INC

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pennsylvania
DEPARTMENT OF ENVIRONMENTAL PROTECTION

COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
OFFICE OF WATER PROGRAMS
OFFICE OF OIL AND GAS MANAGEMENT

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APS
Fee
Check No.
Check Date

NOTICE OF INTENT (NOI) FOR COVERAGE UNDER THE EROSION AND SEDIMENT CONTROL GENERAL PERMIT (ESCGP-3) FOR EARTH DISTURBANCE ASSOCIATED WITH OIL AND GAS EXPLORATION, PRODUCTION, PROCESSING, OR TREATMENT OPERATIONS OR TRANSMISSION FACILITIES

READ THE INSTRUCTIONS PROVIDED IN THIS PERMIT APPLICATION PACKAGE BEFORE COMPLETING THIS FORM. PLEASE PRINT OR TYPE INFORMATION IN BLACK OR BLUE INK.

SECTION A. APPLICATION TYPE

Check one:

NEW ☒ **RENEWAL** ☐ **MAJOR MODIFICATIONS (Provide ESCGP number)** ☐

PHASED ☐ (check only if applicable; *note: Most projects are not submitted as phased projects*)

Check one: EXPEDITED ☐ **STANDARD** ☒

If an Expedited Review Process being requested, be advised that the Expedited Review is not available for all projects. Refer to Section D - Expedited Review Process of the ESCGP-3 NOI Instructions to determine if the project is eligible.

SECTION B. CLIENT INFORMATION

Applicant's Last Name (If applicable)	First Name	MI	Telephone No.
Organization Name or Registered Fictitious Name Transcontinental Gas Pipe Line Company, LLC (Contact: Joseph Dean)			Telephone No. (713) 215-3427
DEP Client ID No.			
Headquarters Mailing Address 2800 Post Oak Blvd, Level 11	City Houston	State TX	ZIP Code 77056
Email Address Joseph.Dean@williams.com			
Co-Applicant's Last Name (If applicable)	First Name	MI	Telephone No.
Organization Name or Registered Fictitious Name			Telephone No.

Address	City	State	ZIP Code
Email Address			

SECTION C. SITE INFORMATION			
Is there an existing ESCGP associated with this site? ☐ Yes ☒ No If yes, Permit No. _____			
Has a well permit application been submitted for this site? ☐ Yes ☒ No If yes, Permit No. _____ Does this site have a 911 address? ☐ Yes ☒ No If yes, provide site location address.			
Site Name Regional Energy Access Expansion Project			
Site Location See Attachment 1-1.1- NOI Supporting Information	Site No. (if another permit has been issued for the site)		
Site Location – City See Attachment 1-1.1- NOI Supporting Information		State PA	ZIP Code
Detailed Written Directions to Site See Attachment 1-1.1- NOI Supporting Information for locations of all project sites			

Primary Location	County	Municipality	City	Boro	Twp.
	Luzerne, Northhampton, Bucks, Chester, and Monroe	Buck, Bear Creek, Plains, Jenkins, Kingston, Lower Mt. Bethel, Ross, Chestnut Hill, Tunkhannock, Lower Makefield, East Whiteland and Dallas Townships Wyoming, West Wyoming, and Laflin Boroughs	☐	☒	☒

SECTION D. EXPEDITED REVIEW	
I. Expedited Review Eligibility	
1. Is any part of the project in the watershed of a surface water with an existing or designated use of exceptional value or high quality pursuant to Chapter 93 (relating to water quality standards), in an exceptional value wetland in accordance with 25 Pa. Code § 105.17, or in the watershed of an impaired surface water where the cause of the impairment is identified as siltation?	☒ Yes ☐ No
2. Will the project in which the well pad will be constructed be in or on a floodplain?	☐ Yes ☒ No
3. Is any earth disturbance located or proposed to be located on land known to be contaminated by the release of regulated substances as defined in Section 103 of Act 2, 35 P.S. § 6026.103?	☐ Yes ☒ No
4. Will naturally occurring geologic formations or soil conditions provide hazards to the project or surrounding environment or have the potential to cause or contribute to pollution when disturbed?	☒ Yes ☐ No
5. Do any unresolved non-compliance issues exist with the applicant or the facility?	☐ Yes ☒ No
6. Is the project a transmission project?	☒ Yes ☐ No

If yes to any of the above questions the project is not eligible for Expedited Review; If the project is eligible for Expedited Review, all the following items must be completed.	
II. Expedited Review Process	
1. Is the technically and administratively complete and accurate NOI package prepared and certified by a licensed professional?	☐ Yes ☐ No
2. Are E&S and PCSM/Site Restoration Plan drawings and narrative prepared and sealed by a licensed professional? *(Include interim restoration details when needed)*	☐ Yes ☐ No
3. Include a Resource Delineation Report and answer the following questions: (If the answer to question a. is "Yes" then skip to #4. If the answer to a. is "No" the applicant must answer "Yes" to at least one of the questions, b. through d. to be eligible for expedited review.)	
a. Were all wetland resources delineated during the growing season?	☐ Yes ☐ No
b. If not during the growing season, was a follow-up visit conducted during the growing season to verify/adjust boundaries and look for potentially missed resources?	☐ Yes ☐ No
c. Was a quality assurance field review conducted at a later date by an independent qualified wetland professional to verify boundaries and look for potentially missed resources? (If yes, attach Quality Assurance Field Review Report)	☐ Yes ☐ No
d. Was a Jurisdictional Determination (JD) or Preliminary JD conducted by the US Army Corps of Engineers on the whole project? (If yes, attach Preliminary or Jurisdictional Determination Report)	☐ Yes ☐ No
4. If applicable, have you included PNDI clearance letters or other documentation from applicable resource agencies?	☐ Yes ☐ No
5. If the project site contains, is along, or within 100 feet of a river, stream, creek, lake, pond or reservoir, will you establish new or preserve existing riparian forest buffer at least 100 feet in width between the top of streambank or normal pool elevation of a lake, pond or reservoir and areas of earth disturbances. If no, will a waiver be obtained? ☐ Yes ☐ No	☐ Yes ☐ No
6. Name of Licensed Professional Company	
Address	
Phone	

SECTION E. PROJECT INFORMATION			
1. Total Project Area/Project Site (Ac):	1,346 (Also see Attachment 1-1.1)	Total Disturbed Area (Ac):	689.8 (Also see Attachment 1-1.1)
Increased disturbed acreage *(for permit modification only)*			
Fee: ***(For additional information regarding fees, refer to NOI Instructions #3 Permit NOI Filing Fees.)***			$ $500 (Filing Fee), $69,000 (Disturbed Acre Fee)
2. Project Name: Regional Energy Access Expansion Project			

3. Project Type (Check all that apply)

- ☐ Oil/Gas Well [1]
- ☐ Gathering Facility
- ☐ Treatment Facility
- ☒ Compressor Station
- ☒ Pipeline
- ☐ Storage Field Facility
- ☐ Other
- ☒ Transmission Facility
- ☐ Processing Facility
- ☐ Well Development Impoundment
- ☐ Non-FERC regulated Transmission Facility
- ☐ Ground/Surface Water Withdrawal Site

[1] If Oil/Gas Well; is the well conventional or unconventional? ☐ Conventional ☐ Unconventional

Project Description

Transco, indirectly owned by The Williams Companies, Inc. (Williams), is seeking authorization from the Federal Energy Regulatory Commission (FERC or Commission) under Section 7(c) of the Natural Gas Act and Part 157 of the Commission's regulations, to construct, own, operate, and maintain the proposed Project facilities

The Project is an expansion of Transco's existing natural gas transmission system that will enable Transco to provide an incremental 829,400 dekatherms per day (Dth/d) of year-round firm transportation capacity from the Marcellus Shale production area in northeastern Pennsylvania (PA) to multiple delivery points along Transco's Leidy Line in PA, Transco's mainline at the Station 210 Zone 6 Pooling Point in Mercer County, New Jersey (NJ) and multiple delivery points in Transco's Zone 6 in NJ, PA, and Maryland (MD). The Project will consist of the following components:
•Approximately 22.3 miles of 30-inch-diameter pipeline partially collocated with Transco's Leidy Line A from milepost (MP) 0.00 to MP 22.32 in Luzerne County, PA (Regional Energy Lateral);
• Approximately 13.8 miles of 42-inch-diameter pipeline collocated with Transco's Leidy Line System from MP 43.72 to MP 57.50 in Monroe County, PA (Effort Loop);
• New gas-fired turbine driven compressor station identified as Compressor Station 201 with 11,107 nominal horsepower (HP) at International Organization of Standardization (ISO) conditions in Gloucester County, NJ;
• Addition of two gas-fired turbine driven compressor units with 31,800 nominal HP at ISO conditions at existing Compressor Station 505 in Somerset County, NJ, to accommodate the abandonment and replacement of approximately 16,000 HP from eight existing internal combustion engine-driven compressor units and increase the certificated station compression by 15,800 HP;
• Addition of two gas-fired turbine driven compressor units with 63,742 nominal HP at ISO conditions and modification of three existing compressors at existing Compressor Station 515 in Luzerne County, PA to support the Project and to accommodate the abandonment and replacement of approximately 17,000 HP from five existing gas-fired reciprocating engine driven compressors and increase the certificated station compression by 46,742 HP;
• Uprate and rewheel two existing electric motor-driven compressor units at existing Compressor Station 195 in York County, PA to increase the certificated station compression by 5,000 HP and accommodate the abandonment of two existing gas-fired reciprocating engine driven compressors which total approximately 8,000 HP of compression;
•Modifications at existing Compressor Station 200 in Chester County, PA;
•Uprate one existing electric motor-driven compressor unit at Compressor Station 207 in Middlesex County, NJ to increase the certificated station compression by 4,100 HP;
• Modifications to three (3) existing pipeline tie-ins in PA (Hildebrandt Tie-in, Lower Demunds REL Tie-in, and Carverton Tie-in);
•Addition of regulation controls at an existing valve setting on Transco's Mainline "A" in Bucks County, PA (Mainline A Regulator);
•Modifications at the existing Delaware River Regulator in Northampton County, PA;
•Modifications at the existing Centerville Regulator in Somerset County, NJ;
•Modifications to the existing valves and piping at the Princeton Junction (Station 210 Pooling Point) in Mercer County, NJ;
• Modifications to three (3) existing delivery meter stations in NJ (Camden M&R Station, Lawnside M&R Station, and Mt. Laurel M&R Station);
•Modifications to one (1) existing delivery meter station in MD (Beaver Dam M&R Station);
•Contractual changes (no modifications) at ten (10) existing delivery meter stations in PA and NJ (Algonquin-Centerville Meter Station, Post Road Meter Station, New Village Meter Station, Spruce Run Meter Station, Marcus Hook Meter Station, Ivyland Meter Station, Repaupo Meter Station, Morgan Meter Station, Lower Mud Run Meter Station, and Chesterfield Meter Station);
• Additional ancillary facilities, such as mainline valves (MLVs), cathodic protection, communication facilities, and internal inspection device (e.g., pig) launchers and receivers in PA; and
• Existing, improved, and new access roads and contractor yards/staging areas in PA, NJ, and MD.
Provide the date of pre-application meeting (if conducted with the Department) 04/27/20, 07/09/20, 09/04/20, 09/30/20, 12/15/20, 12/16/20, 01/06/21, 02/05/21

4. Provide the latitude and longitude coordinates for the center of the project. The coordinates should be in Decimal degrees and North American Datum 1983. The coordinates must meet the current DEP policy regarding locational accuracy. For linear projects provide the project's termini. See Attachment 1-1.1

Latitude (DD) . Longitude (DD) - .

Latitude (DD) . Longitude (DD) - .

Horizontal Collection Method: ☐ GPS ☒ Interpolated from U.S.G.S. Topographic Map ☐ DEP's eMAP

5. U.S.G.S. 7.5 min. topographic quadrangle Name (See Attachment 1-1.1)
(*Include a copy of the project area on the 7.5 min quad map)*

6. Will the project be conducted as a phased permit project? ☐ Yes ☒ No
If Yes, Include Master Site Plan Estimated Timetable for Phased Projects. ☐ Additional sheet(s) attached.

Phase No. or Name	Description	Total Area	Disturbed Area	Start Date	End Date

7. List existing and previous land use for a minimum of the previous 5 years. (See Section 2 of this ESCGP-3 Application)

8. Other Pollutants: Will the stormwater discharge contain pollutional substances other than sediment? ☐ Yes ☒ No

9. Will fuels, chemicals, solvents, other hazardous waste or materials be used or stored on site during earth disturbance activities or will Horizontal Directional Drilling (HDD) activities be conducted?
Yes ☒ No ☐ ***(If yes, Preparedness, Prevention and Contingency (PPC) Plan must be maintained on site during earth disturbance. See NOI Instructions, E.9 PPC Plan Guidance for further information.)***

10. Is the project in the watershed of an impaired surface water where the cause of the impairment is identified as siltation?
Yes ☒ No ☐ (See Section 2-5 of this ESCGP-3 Application) ***(If yes, show how the project will not result in a net change in volume, rate or water quality. See section I below, and E.10 of NOI instructions.)***

11. Are there potentially hazardous naturally occurring geological or soil conditions in any portion of the project or surrounding area? Yes ☒ No ☐

If yes, do the potentially hazardous geologic or soil conditions have the potential to cause or contribute to pollution as a result of the proposed earth disturbance activities?

If no, provide an explanation.

If yes, Geologic Hazard Mitigation Plan must be attached and explain where in this application details are provided.

12. Has the Act 14 Municipal Notification and proof of receipt of notification been attached to the NOI?
Yes ☒ No ☐ ***(If not, the NOI is not complete, see E.12 and #4 Municipal Notification in the NOI Instructions for additional guidance.)***

13. Has the PNDI receipt been attached to the NOI?
Yes ☒ No ☐ ***(If not, the NOI is not complete, see E.13 and #5 PNHP in the NOI Instructions for additional guidance.)***

14. Have the E&S Plan and PCSM/SR Plan been planned and designed to be consistent?
Yes ☒ No ☐

15. Have existing and/or proposed Riparian Forest Buffers been identified?
Yes ☒ N/A ☐ ***(If yes, they must be shown on the E&S Plan as well as the PCSM/SR Plans.)***

16. Have antidegradation implementation requirements for special protection waters been addressed?
Yes ☒ No ☐ N/A ☐ ***(If yes, antidegradation requirements must be included in the plan.)***

17. Has the seasonal high groundwater level been identified and 20-inch separation established at all excavation locations for pits for conventional operations and Well Development Impoundments for unconventional operations?

    Yes ☐ No ☐ N/A ☒

18. Receiving Waters	Chapter 93, Designated Use Stream Classification	Chapter 93, Existing Use Stream Classification
Effort Loop- Lake Creek (HQ-CWF,MF) Princess Run (CWF,MF) Weir Creek (CWF,MF) McMichael Creek (EV, MF) and (HQ-CWF) Pohopoco Creek (CWF,MF) Sugar Hollow Creek (CWF,MF) Poplar Creek (EV,CWF,MF) Mud Run (HQ-CWF, MF) Mud Pond Run (HQ-CWF,EV,MF) Tunkhannock Creek (HQ-CWF,MF) Regional Energy Lateral- Stony Run (HQ-CWF,MF) Shades Creek (HQ-CWF,MF) Little Shades Creek (HQ-CWF,MF) Snider Run (HQ-CWF,MF) Meadow Run (HQ-CWF,MF) Bear Creek (HQ-CWF,MF) Little Bear Creek (HQ-CWF,MF) Mill Creek (CWF,MF) Gardner Creek (CWF,MF) Susquehanna River (WWF,MF) Abrahams Creek (CWF,MF) Toby Creek (CWF,MF) Trout Brook (CWF,MF) Compressor Station 515- Shades Creek (HQ-CWF,MF) Stony Run (HQ-CWF,MF) Compressor Station 200- Valley Creek (EV,MF) Delaware River Regulator- Mud Run (CWF, MF) Mainline "A" Regulator - Dyers Creek (WWF,MF) See Attachment 1-1.1 for detailed list.	☒ HQ ☒ EV ☒ Other CWF, MF, WWF ☒ Siltation-impaired	☐ HQ ☒ EV ☒ Other MF ☐ Siltation-impaired
	☐ HQ ☐ EV ☐ Other _____ ☐ Siltation-impaired	☐ HQ ☐ EV ☐ Other _____ ☐ Siltation-impaired

	☐ HQ ☐ EV ☐ Other _____ ☐ Siltation-impaired ☐ HQ ☐ EV ☐ Other _____ ☐ Siltation-impaired	☐ HQ ☐ EV ☐ Other _____ ☐ Siltation-impaired ☐ HQ ☐ EV ☐ Other _____ ☐ Siltation-impaired
Secondary Receiving Water	Secondary Chapter 93, Designated Use	Secondary Existing Use
Name of Municipal or Private Separate Storm Sewer Operator, if applicable.		
Non-Surface Receiving Water: (include off-site discharges)		

SECTION F. EROSION AND SEDIMENT CONTROL (E&S) PLAN

See the attached Instructions for additional guidance with E&S Plans

Erosion and Sediment Control Plan BMPs should be designed to minimize accelerated erosion and sedimentation through limiting the extent and duration of earth disturbance, protection of existing drainage and vegetation, limiting soil compaction and controlling the generation of increased runoff. The Department recommends the use of the *Pennsylvania Erosion & Sedimentation Pollution Control Program Manual (E&S Manual)* (363-2134-008) to achieve this goal. The E&S Plan must meet the requirements of Pa. Code § 102.4(b) and submitted with the NOI. Also, see section 2. of the NOI instruction for detailed information on completing the E&S plan and additional requirements.

a. E&S Plan Summary

Provide a summary of proposed E&S BMPs and their performance to manage E&S for the project.

Typical BMPs provided along the pipeline Right-Of-Way includes waterbars, trench plugs, compost filter socks, compost sediment traps, rock filter outlets, erosion control blankets, rock construction entrances, temporary equipment bridges, timber mats, diversion channels, level spreaders, mulch and seed. An appropraite sediment removal device (filter bag, dewatering structure) and well-vegetated area will be utilized for trench dewatering. In HQ, EV watersheds, appropriate Antidegradation Best Available Combination of Technologies (ABACT) BMPs will be utilized. Additional information regarding all the proposed BMPs are provided in the Erosion and Sedimentation Control and Site Restoration Plans of respective project components (Section 2 of this ESCGP-3 Application).

b. E&S Plan BMP Design

Check those that apply:

☒ E&S Plan is designed using BMPs in the *E&S Manual*.

☐ E&S Plan is designed using an alternative BMP or design standard approved by DEP.

Note: NOI packages submitted with alternate BMPs not approved by the Department will be returned to the Applicant.

c. Do you have any information regarding riparian buffer which differs from Section G, Riparian Buffer?

Yes ☐ No ☒

Explain:

d. Thermal Impacts Analysis

Explain how thermal impacts associated with this project were avoided, minimized, or mitigated.

Thermal impacts associated with Regional Energy Access Expansion Project will be avoided to the maximum extent possible. Minimum permanent changes in land cover are being proposed for constructing the pipeline facilities. Runoff from impervious areas added during the project will be suitably routed to Stormwater BMPs. Gravel will be used for access roads wherever practicable. To avoid thermal impacts arising from clearing and grading, removal of vegetation will be limited to only that necessary for construction and construction Right-Of-Way will be limited to 75 feet in wetlands and floodways where practical. Once construction activities are complete, disturbed areas will be restored to pre-construction contours and seeded as described in Erosion and Sediment Control and Site Restoration Plans. Temporary workspaces will be restored back with woody and herbaceous species. Thermal impacts assessments corresponding to each project component including pipelines and aboveground facilities are given in Section 2 and 3 of this ESCGP-3 Application.

e. Off-Site Discharge Analysis

Does the activity propose any off-site discharges to areas other than surface waters? ☒ Yes ☐ No

If yes, it is the applicant's responsibility to ensure that they have legal authority for any off-site discharge to neighboring properties.

The applicant must provide a demonstration in both E&S and PCSM/SR plans that the discharge will not cause erosion, damage, or a nuisance to off-site properties.

See Offsite Discharge Analysis Sections in E&S Narratives

SECTION G. RIPARIAN BUFFER

1. Will you be protecting, converting or establishing a voluntary riparian forest buffer as part of this project?
   ☐ Yes ☒ No
   If yes, as part of the PCSM/SR Plan, provide a Buffer Management Plan.
2. Will proposed earth disturbance activities be conducted in an EV or HQ watershed AND within 150 feet of a perennial or intermittent river, stream, or creek, or lake, pond, or reservoir? ☒ Yes ☐ No

   If no, proceed to the next section/module.
3. Does this project qualify for an exception (see § 102.14(d)(1))? ☒ Yes ☐ No

   If yes, indicate below the type of project for which the exception applies by marking the appropriate box.

   ☐ Oil and gas activities for which site reclamation or restoration is part of the permit authorization in Chapter 78 and 78a.

   ☒ Road maintenance activities.

   ☐ The repair or maintenance of existing pipelines and utilities.

   ☐ Other (see §102.14(d)(1))

   If exceptions are checked, explain how existing riparian buffer will be undisturbed to the extent practicable. Provide a demonstration that the requirements of §102.14(b) are met, or provide the necessary information to request a riparian buffer waiver.
4. Are you requesting a riparian buffer waiver for this project (see § 102.14(d)(2))? ☒ Yes ☐ No

   If yes, indicate below the type of project for which you are requesting a waiver by marking the appropriate box.

   ☒ Linear project that may include pipelines, public roadways, rail lines, or utility lines.

   ☒ Project is of a temporary nature where the site will be fully restored to its preexisting conditions during the ESCGP permit term.

   ☒ Project where compliance with mandatory riparian buffers is not appropriate or feasible due to site characteristics or existing structures at the project site.

   ☐ Other (see §102.14(d)(2)):

   If waivers are checked, explain how existing riparian buffers will be undisturbed to the extent practicable.

   Note: If “Yes” to #2 **AND** “No” to #3 and #4, provide an attachment to demonstrate how the requirements of §102.14 are met.

SECTION H. POST CONSTRUCTION STORMWATER MANAGEMENT (PCSM) AND/OR SITE RESTORATION(SR) PLAN

See NOI Instructions for additional guidance with PCSM Plans

PCSM/SR BMPs should be designed to use natural measures to eliminate pollution, infiltrate runoff, not require extensive construction/maintenance, promote pollutant reduction, and preserve the integrity of stream channels. All PCSM/SR BMPs proposed in the PCSM/SR Plan must be designed in accordance with Ch. 102, Ch. 78a for unconventional operations, Ch. 78 for conventional operations and the *Pennsylvania Stormwater Best Management Practices Manual (Stormwater BMP Manual)* (363-0300-002). If alternate design criteria are utilized for the proposed project, they must have prior approval by the Department, or the NOI Application will be returned to the Applicant.

After construction is completed, how much of the entire disturbed area will be restored to meadow in good condition or better, or existing conditions? ☐ All ☒ Partial ☐ None

Include PCSM narrative and drawings for remaining impervious area. Also include a map showing the proposed contours of the site restoration plan.

If there are additional stages of the project prior to permit termination or expiration, list the stages and provide the documents required by subsection 'a' to section 'g' for each stage (e.g. partial restoration or changes to the amount of compacted areas, gravel, and/or impervious areas). Upload a narrative for each additional stage in addition to the drawings.

EXAMPLE

Stage No	Stage Name	PCSM Plan	SR Plan
Stage 1		☐	☐
Stage 2		☐	☐
Stage 3		☐	☐
Stage 4		☐	☐

Act 167 Consistency. Check those that apply.

Is there an Act 167 Plan? ☒ Yes ☐ No

☒ The attached PCSM/SR Plan is consistent with an applicable approved Act 167 Plan.

Complete the following for all approved Act 167 Stormwater Management Plans. (Use additional sheets if necessary)

Act 167 Plan Name	Date Adopted	Consistency Letter Included	
Luzerne County Stormwater Management Ordinance	August 18, 2010	Verification Report Included	☒
Valley Creek Watershed Stormwater Management Plan	February 04, 2011		

Note: A consistency letter is not required if a verification report is provided. See NOI Instructions. The PCSM/SR Plan must satisfy either sub paragraph 1, 2, or 3 below. Check those that apply.

1. ☒ Act 167 Plan approvals on or after January 2005 – The attached PCSM/SR Plan, in its entirety, is consistent with all requirements pertaining to rate, volume, and water quality from an Act 167 Stormwater Management Plan approved by DEP on or after January 2005. Box 1 must be checked if a current, DEP approved Act 167 plan exists.

2. ☒ The PCSM/SR Plan meets the standard design criteria from sections 102.8(g)(2) and (3) and the *Stormwater BMP Manual*. For projects involving oil and gas activities authorized by a permit issued under Chapter 78 or Chapter 78a (well pads) or pipelines and other similar utility infrastructure, post construction stormwater management requirements are met for all areas that are restored to preconstruction conditions or to a condition of meadow in good condition or better. *[Note: PCSM plans must meet both the volume and rate requirements in the regulations, which are provided in the 2 sections mentioned in this paragraph].*

3. ☐ Alternative Design Standard – The attached PCSM/SR Plan was developed using approaches as provided in 102.8(g)(2)(iv) and 102.8(g)(3)(iii). Demonstrate/explain in the space provided below how this standard will be either more protective than what is required in 102.8(g)(2) and 102.8(g)(3) or will maintain and protect existing water quality and existing and designated uses.

PCSM/SR BMP Alternative Standards:

Has the alternative BMP or design standard been approved by the Department?

☐ Yes

☐ No – Do not submit the ESCGP-3 application and see Section (H) of the NOI Instructions concerning the alternative BMP approval process.

Water Quality Compliance:

Does the PCSM/SR plan comply with requirements for volume control? ☒ Yes ☐ No

If yes, is at least 90% of the disturbed area controlled by a PCSM BMP? ☒ Yes ☐ No

If yes, do you have the Standard PCSM Worksheet # 10 attached to show water quality compliance has achieved?
☒ Yes ☐ No

If no, attach Standard PCSM Worksheets # 12 and #13 to show water quality compliance has achieved.

If PCSM/SR plan is not complying with the requirements for volume control, attach Standard PCSM Worksheets # 11, # 12 and #13 to show water quality compliance has achieved.

a. PCSM/SR Plan Summary

Provide a summary of proposed BMPs and their performance to manage PCSM/SR for the project.

Along the pipeline Right-Of-Way, typical E&S BMPs such as waterbars and erosion control blanket will be left in place as part of site restoration. After construction activities are completed, temporary workspaces will be restored to meadow in good condition or better than existing conditions. For the aboveground facilities, PCSM BMPs such as infiltration basins, diversion channels and vegetated swales will be used and left in place as part of site restoration. Additional information regarding all the proposed BMPs are provided in the Post-Construction Stormwater Management Plans of respective project components (Section 3 of this ESCGP-3 Application).

Check all that apply ☒ PCSM BMPs ☒ SR BMPs

b. Do you have any information regarding riparian buffer which differs from what was submitted in the Section G, Riparian Buffer?

☐ Yes ☒ No

Explain:

c. Thermal Impacts Analysis

Explain how thermal impacts associated with this project were avoided, minimized, or mitigated.

Runoff collected in PCSM BMPS such as infiltration basins will mitigate thermal impacts from post construction stormwater. Runoff collected in infiltration basins are discharged to receiving waters are not expected to be retained for more than 24 hours. Minimum permanent changes in land cover are being proposed for constructing the pipeline facilities. Gravel will be used for access roads wherever practicable. Removal of trees and riparian vegetation and addition of impervious surfaces will be limited to only that necessary for construction. Once construction activities are complete, disturbed areas will be restored to pre-construction contours and seeded as described in Erosion and Sedimental Control and Site Restoration Plans. Temporary workspaces will be restored back with woody and herbaceous species. Thermal impacts assessments correspoding to each project component including pipelines and aboveground facilities are given in Section 2 and 3 of this ESCGP-3 Application.

d. Off-Site Discharge Analysis.

Does the activity propose any off-site discharges to areas other than surface waters? ☒ Yes ☐ No

If yes, it is the applicant's responsibility to ensure that they have legal authority for any off-site discharge to neighboring properties.

The Applicant must provide a demonstration in both the E&S and PCSM/SR Plans that the discharge will not cause erosion, damage, or a nuisance to off-site properties.

See Offsite Discharge Analysis Sections in PCSM Narratives

NOI Section H. POST CONSTRUCTION STORMWATER MANAGEMENT (PCSM) PLANS

Summary Calculations of Post Construction Stormwater BMPs

1. Regional Energy Lateral Pipeline - MLV-515RA20
2. Regional Energy Lateral Pipeline - MLV-515RA30
3. Regional Energy Lateral Pipeline - Carverton Tie-in
4. Regional Energy Lateral Pipeline - Lower Demunds REL Tie-in
5. Regional Energy Lateral Pipeline – Hildebrandt Tie-in/MLV-515RA40
6. Effort Loop Pipeline - MLV-505LD86
7. Compressor Station 200
8. Compressor Station 515

NOTICE OF INTENT (NOI) FOR COVERAGE UNDER THE EROSION AND SEDIMENT CONTROL GENERAL PERMIT (ESCGP-3) FOR EARTH DISTURBANCE ASSOCIATED WITH OIL AND GAS EXPLORATION, PRODUCTION, PROCESSING, OR TREATMENT OPERATIONS OR TRANSMISSION FACILITIES

TABLES IN ADDENDUM OF NOI

SECTION H. POST CONSTRUCTION STORMWATER MANAGEMENT (PLAN) BMPs

Regional Energy Lateral Pipeline - MLV-515RA20 - Zenker Valve Yard

e. Summary Table for Supporting Calculation and Measurement Data
(See NOI Instructions for additional guidance with this section)

The remainder of this section (Summary Table for Calculation and Measurement Data) does not need to be completed for areas of projects involving oil and gas activities authorized by Chapter 78 or Chapter 78a (well pads) or pipelines and other similar utility infrastructure which will be restored to meadow in good condition or better or existing conditions.

Watershed Name: Mill Creek

Volume Control design storm frequency 2-year Rainfall amount 2.95 inches	Pre-construction	Post Construction	Net Change
Impervious area (acres)	0.00	0.19	+0.19
Volume of stormwater runoff (acre-feet) without planned stormwater BMPs	0.04	0.06	+0.02
Volume of stormwater runoff (acre-feet) with planned stormwater BMPs		0.03	-0.01
Stormwater discharge rate for the design frequency storm	Pre-construction	Post Construction	Net Change
1) 2-Year/24-Hour	3.51	3.22	-0.29
2) 10-Year/24-Hour	6.82	6.17	-0.65
3) 50-year/24-Hour	11.88	11.12	-0.76
4) 100-year/24-Hour	14.91	14.91	-0.00

f. Summary Description of PCSM/SR BMPs

In the lists below, check the BMPs identified in the PCSM Plan. The primary function(s) of the BMP listed in the functions column (infiltration/recharge; detention/retention; water quality). Additional functions may be added if applicable to that BMP. List the stormwater volume and area of runoff to be treated by each BMP type when calculations are required. If any BMP in the PCSM/SR Plan is not listed below, describe it in the space provided after "Other". A summary table with infiltration testing information (Attachment E, included in the NOI Instructions) must be submitted for all Bio-infiltration BMPs included in PCSM/SR plan.

For Rate control provide the volume of stormwater treated and acres treated for the 100-year/24-hour storm event.

For volume control and water quality provide the volume of stormwater treated and acres treated for the 2-year/24-hour storm event.

Key for BMP purpose(s): VC = Volume Control; RC = Rate Control; and WQ = Water Quality

BMP	Function(s)	Purpose(s)	Volume of stormwater treated	Acres treated
Site Restoration ONLY				
☐ Restore Site to Meadow in Good Condition or Better, or Existing Conditions	Infiltration/Recharge Detention/WQ Treatment	☐ VC ☐ RC ☐ WQ	_____	_____
Bio-infiltration areas	Infiltration/Recharge			
☐ Infiltration Trench		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Infiltration Bed		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Infiltration Basin		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Rain Garden/ Bioretention		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Infiltration Berm				
☐ Vegetated Swale		☐ VC ☐ RC ☐ WQ	_____	_____
Natural Area Conservation	Infiltration/Recharge			
☐ Streamside Buffer Zone		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Wetland Buffer Zone		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Sensitive Area Buffer Zone		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Pre-Construction Drainage Pattern Intact		☐ VC ☐ RC ☐ WQ	_____	_____
Stormwater Retention	Detention/Retention			
☐ Constructed Wetlands		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Wet Ponds		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Retention Basin		☐ VC ☐ RC ☐ WQ	_____	_____
Sediment and Pollutant Removal	Water Quality Treatment			
☐ Vegetated Filter Strips		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Compost Filter Sock		☐ VC ☐ RC ☐ WQ	_____	_____
☒ Detention Basins		☒ VC ☒ RC ☒ WQ	1,396cf(2-yr); 6,186cf(100-yr)	0.28
Access Road Design	Infiltration/Recharge			
☐ Road Crowning		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Ditches		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Turnouts		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Culverts		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Roadside Vegetated Filter Strips		☐ VC ☐ RC ☐ WQ	_____	_____

Stormwater Energy Dissipaters	Infiltration/Recharge			
☐ Level Spreaders		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Riprap Aprons		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Upslope Diversions		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Other_____		☐ VC ☐ RC ☐ WQ	_____	_____

g. Critical PCSM Plan stages

Identify and list critical stages of implementation of the PCSM Plan for which a licensed professional or designee shall be present on site.

1. Upon commencement of construction activities to ascertain the Dry Extended Detention Basin area has been flagged and fence erected to prevent access to the area.

2. At completion of Diversion Channels to ensure they have been constructed to the proposed lines and grades, the specified lining materials have been installed in accordance with the requirements of the plans and specifications, and if applicable, vegetation has been established.

3. At the beginning of construction of the Dry Extended Detention Basin to ensure the infiltration area has not been compacted by construction activities.

4. During construction of the Dry Extended Detention Basin the licensed professional will observe that the BMP is constructed in accordance with the plans and specifications.

5. At completion of Collection Channel C1 to ensure it has been constructed to the proposed line and grade, the specified lining material has been installed in accordance with the requirements of the plans and specifications, and if applicable, vegetation has been established.

6. Following installation of the Valve Yard Pad subgrade to ensure stormwater flow is directed to Collection Channel C1.

7. For final inspection of constructed BMPs.

8. At the establishment of hard surface stabilization or 70% vegetation covers to allow removal of E&S controls.

NOTICE OF INTENT (NOI) FOR COVERAGE UNDER THE EROSION AND SEDIMENT CONTROL GENERAL PERMIT (ESCGP-3) FOR EARTH DISTURBANCE ASSOCIATED WITH OIL AND GAS EXPLORATION, PRODUCTION, PROCESSING, OR TREATMENT OPERATIONS OR TRANSMISSION FACILITIES

TABLES IN ADDENDUM OF NOI

SECTION H. POST CONSTRUCTION STORMWATER MANAGEMENT (PLAN) BMPs

Regional Energy Lateral Pipeline - MLV-515RA30 - Wyoming Valve Yard

b. Summary Table for Supporting Calculation and Measurement Data

(See NOI Instructions for additional guidance with this section)

The remainder of this section (Summary Table for Calculation and Measurement Data) does not need to be completed for areas of projects involving oil and gas activities authorized by Chapter 78 or Chapter 78a (well pads) or pipelines and other similar utility infrastructure which will be restored to meadow in good condition or better or existing conditions.

Watershed Name: Susquehanna-Solomon Creek

Volume Control design storm frequency 2-year Rainfall amount 2.57 inches	Pre-construction	Post Construction	Net Change
Impervious area (acres)	0.00	0.24	+0.24
Volume of stormwater runoff (acre-feet) without planned stormwater BMPs	0.03	0.06	+0.03
Volume of stormwater runoff (acre-feet) with planned stormwater BMPs	[redacted]	0.03	-0.00
Stormwater discharge rate for the design frequency storm	Pre-construction	Post Construction	Net Change
1) 2-Year/24-Hour	0.22	0.02	-0.20
2) 10-Year/24-Hour	0.68	0.03	-0.65
3) 50-year/24-Hour	1.52	0.06	-1.46
4) 100-year/24-Hour	2.06	0.07	-1.99

c. Summary Description of PCSM/SR BMPs

In the lists below, check the BMPs identified in the PCSM Plan. The primary function(s) of the BMP listed in the functions column (infiltration/recharge; detention/retention; water quality). Additional functions may be added if applicable to that BMP. List the stormwater volume and area of runoff to be treated by each BMP type when calculations are required. If any BMP in the PCSM/SR Plan is not listed below, describe it in the space provided after "Other". A summary table with infiltration testing information (Attachment E, included in the NOI Instructions) must be submitted for all Bio-infiltration BMPs included in PCSM/SR plan.

For Rate control provide the volume of stormwater treated and acres treated for the 100-year/24-hour storm event.

For volume control and water quality provide the volume of stormwater treated and acres treated for the 2-year/24-hour storm event.

Key for BMP purpose(s): VC = Volume Control; RC = Rate Control; and WQ = Water Quality

BMP	Function(s)	Purpose(s)	Volume of stormwater treated	Acres treated
Site Restoration ONLY				
☐ Restore Site to Meadow in Good Condition or Better, or Existing Conditions	Infiltration/Recharge Detention/WQ Treatment	☐ VC ☐ RC ☐ WQ	_____	_____
Bio-infiltration areas	Infiltration/Recharge			
☐ Infiltration Trench		☐ VC ☐ RC ☐ WQ	_____	_____
☒ Infiltration Bed		☒ VC ☒ RC ☒ WQ	451cf(2-yr); 2,511cf(100-yr)	0.21
☐ Infiltration Basin		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Rain Garden/ Bioretention		☐ VC ☐ RC ☐ WQ	_____	
☐ Infiltration Berm		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Soil Amendment		☐ VC ☐ RC ☐ WQ	_____	_____
Natural Area Conservation	Infiltration/Recharge			
☐ Streamside Buffer Zone		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Wetland Buffer Zone		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Sensitive Area Buffer Zone		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Pre-Construction Drainage Pattern Intact		☐ VC ☐ RC ☐ WQ	_____	_____
Stormwater Retention	Detention/Retention			
☐ Constructed Wetlands		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Wet Ponds		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Retention Basin		☐ VC ☐ RC ☐ WQ	_____	_____
Sediment and Pollutant Removal	Water Quality Treatment			
☐ Vegetated Filter Strips		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Compost Filter Sock		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Detention Basins		☐ VC ☐ RC ☐ WQ	_____	_____
Access Road Design	Infiltration/Recharge			
☐ Road Crowning		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Ditches		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Turnouts		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Culverts		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Roadside Vegetated Filter Strips		☐ VC ☐ RC ☐ WQ	_____	_____

Stormwater Energy Dissipaters ☐ Level Spreaders ☐ Riprap Aprons ☐ Upslope Diversions ☒ OtherVegetated Swale	Infiltration/Recharge	☐ VC ☐ RC ☐ WQ ☐ VC ☐ RC ☐ WQ ☐ VC ☐ RC ☐ WQ ☒ VC ☒ RC ☒ WQ	_____ _____ _____ 1,009cf(2-yr); 4,264cf(100-yr)	_____ _____ _____ 0.49

d. Critical PCSM Plan stages

Identify and list critical stages of implementation of the PCSM Plan for which a licensed professional or designee shall be present on site.

1. Upon commencement of construction activities to ascertain the Vegetated Swale area has been flagged and fence erected to prevent access to the area.
2. At the beginning of construction of the Vegetated Swale to ensure the infiltration area has not been compacted by construction activities.
3. During construction of the Vegetated Swale the licensed professional will observe that the BMP is constructed in accordance with the plans and specifications.
4. At completion of Collection Channel C1 to ensure it has been constructed to the proposed line and grade, the specified lining material has been installed in accordance with the requirements of the plans and specifications, and if applicable, vegetation has been established.
5. Following installation of the Valve Yard Pad subgrade to ensure stormwater flow is directed to the infiltration berm.
6. For final inspection of constructed BMPs.
7. At the establishment of hard surface stabilization or 70% vegetation covers to allow removal of E&S controls.

NOTICE OF INTENT (NOI) FOR COVERAGE UNDER THE EROSION AND SEDIMENT CONTROL GENERAL PERMIT (ESCGP-3) FOR EARTH DISTURBANCE ASSOCIATED WITH OIL AND GAS EXPLORATION, PRODUCTION, PROCESSING, OR TREATMENT OPERATIONS OR TRANSMISSION FACILITIES

TABLES IN ADDENDUM OF NOI

SECTION H. POST CONSTRUCTION STORMWATER MANAGEMENT (PLAN) BMPs

Regional Energy Lateral Pipeline - Carverton Tie-In

b. Summary Table for Supporting Calculation and Measurement Data

(See NOI Instructions for additional guidance with this section)

The remainder of this section (Summary Table for Calculation and Measurement Data) does not need to be completed for areas of projects involving oil and gas activities authorized by Chapter 78 or Chapter 78a (well pads) or pipelines and other similar utility infrastructure which will be restored to meadow in good condition or better or existing conditions.

Watershed Name: Abrahams Creek

Volume Control design storm frequency 2-year Rainfall amount 2.61 inches	Pre-construction	Post Construction	Net Change
Impervious area (acres)	0.03	0.11	+0.08
Volume of stormwater runoff (acre-feet) without planned stormwater BMPs	0.02	0.03	+0.01
Volume of stormwater runoff (acre-feet) with planned stormwater BMPs	[redacted]	0.00	-0.02
Stormwater discharge rate for the design frequency storm	Pre-construction	Post Construction	Net Change
1) 2-Year/24-Hour	0.46	0.00	-0.46
2) 10-Year/24-Hour	0.91	0.00	-0.91
3) 50-year/24-Hour	1.61	0.00	-1.61
4) 100-year/24-Hour	2.01	0.00	-2.01

c. Summary Description of PCSM/SR BMPs

In the lists below, check the BMPs identified in the PCSM Plan. The primary function(s) of the BMP listed in the functions column (infiltration/recharge; detention/retention; water quality). Additional functions may be added if applicable to that BMP. List the stormwater volume and area of runoff to be treated by each BMP type when calculations are required. If any BMP in the PCSM/SR Plan is not listed below, describe it in the space provided after "Other". A summary table with infiltration testing information (Attachment E, included in the NOI Instructions) must be submitted for all Bio-infiltration BMPs included in PCSM/SR plan.

For Rate control provide the volume of stormwater treated and acres treated for the 100-year/24-hour storm event.

For volume control and water quality provide the volume of stormwater treated and acres treated for the 2-year/24-hour storm event.

Key for BMP purpose(s): VC = Volume Control; RC = Rate Control; and WQ = Water Quality

BMP	Function(s)	Purpose(s)	Volume of stormwater treated	Acres treated
Site Restoration ONLY				
☐ Restore Site to Meadow in Good Condition or Better, or Existing Conditions	Infiltration/Recharge Detention/WQ Treatment	☐ VC ☐ RC ☐ WQ	_____	_____
Bio-infiltration areas	Infiltration/Recharge			
☐ Infiltration Trench		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Infiltration Bed		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Infiltration Basin		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Rain Garden/ Bioretention		☐ VC ☐ RC ☐ WQ	_____	
☒ Infiltration Berm		☒ VC ☒ RC ☒ WQ	1,280cf (2-yr); 4,445cf(100-yr)	0.26
Natural Area Conservation	Infiltration/Recharge			
☐ Streamside Buffer Zone		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Wetland Buffer Zone		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Sensitive Area Buffer Zone		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Pre-Construction Drainage Pattern Intact		☐ VC ☐ RC ☐ WQ	_____	_____
Stormwater Retention	Detention/Retention			
☐ Constructed Wetlands		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Wet Ponds		☒ VC ☒ RC ☒ WQ	_____	_____
☐ Retention Basin		☐ VC ☐ RC ☐ WQ	_____	_____
Sediment and Pollutant Removal	Water Quality Treatment			
☐ Vegetated Filter Strips		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Compost Filter Sock		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Detention Basins		☐ VC ☐ RC ☐ WQ	_____	_____
Access Road Design	Infiltration/Recharge			
☐ Road Crowning		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Ditches		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Turnouts		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Culverts		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Roadside Vegetated Filter Strips		☐ VC ☐ RC ☐ WQ	_____	_____

Stormwater Energy Dissipaters	Infiltration/Recharge			
☐ Level Spreaders		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Riprap Aprons		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Upslope Diversions		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Other_____		☐ VC ☐ RC ☐ WQ	_____	_____

d. Critical PCSM Plan stages

Identify and list critical stages of implementation of the PCSM Plan for which a licensed professional or designee shall be present on site.

1. At the beginning of construction to ascertain the Infiltration Berm area has been flagged and fence erected to prevent access to the area.
2. Following installation of the Valve Yard Pad subgrade to ensure stormwater flow is directed to the infiltration berm.
3. At the beginning of construction of the Infiltration Berm to ensure the infiltration area has not been compacted by construction activities.
4. During construction of the infiltration berm the licensed professional will observe that the berm is constructed in accordance with the plans and specifications.
5. For final inspection of constructed BMPs.
6. At the establishment of hard surface stabilization or 70% vegetation covers to allow removal of E&S controls.

NOTICE OF INTENT (NOI) FOR COVERAGE UNDER THE EROSION AND SEDIMENT CONTROL GENERAL PERMIT (ESCGP-3) FOR EARTH DISTURBANCE ASSOCIATED WITH OIL AND GAS EXPLORATION, PRODUCTION, PROCESSING, OR TREATMENT OPERATIONS OR TRANSMISSION FACILITIES

TABLES IN ADDENDUM OF NOI

SECTION H. POST CONSTRUCTION STORMWATER MANAGEMENT (PLAN) BMPs

Regional Energy Lateral Pipeline - Lower Demunds REL Tie-In

b. Summary Table for Supporting Calculation and Measurement Data

(See NOI Instructions for additional guidance with this section)

The remainder of this section (Summary Table for Calculation and Measurement Data) does not need to be completed for areas of projects involving oil and gas activities authorized by Chapter 78 or Chapter 78a (well pads) or pipelines and other similar utility infrastructure which will be restored to meadow in good condition or better or existing conditions.

Watershed Name: Toby Creek

Volume Control design storm frequency 2-year Rainfall amount 3.40 inches	Pre-construction	Post Construction	Net Change
Impervious area (acres)	0.00	0.12	+0.12
Volume of stormwater runoff (acre-feet) without planned stormwater BMPs	0.02	0.04	+0.02
Volume of stormwater runoff (acre-feet) with planned stormwater BMPs		0.01	-0.01
Stormwater discharge rate for the design frequency storm	Pre-construction	Post Construction	Net Change
1) 2-Year/24-Hour	0.20	0.00	-0.20
2) 10-Year/24-Hour	0.40	0.00	-0.40
3) 50-year/24-Hour	0.71	0.20	-0.51
4) 100-year/24-Hour	0.89	0.51	-0.38

c. Summary Description of PCSM/SR BMPs

In the lists below, check the BMPs identified in the PCSM Plan. The primary function(s) of the BMP listed in the functions column (infiltration/recharge; detention/retention; water quality). Additional functions may be added if applicable to that BMP. List the stormwater volume and area of runoff to be treated by each BMP type when calculations are required. If any BMP in the PCSM/SR Plan is not listed below, describe it in the space provided after "Other". A summary table with infiltration testing information (Attachment E, included in the NOI Instructions) must be submitted for all Bio-infiltration BMPs included in PCSM/SR plan.

For Rate control provide the volume of stormwater treated and acres treated for the 100-year/24-hour storm event.

For volume control and water quality provide the volume of stormwater treated and acres treated for the 2-year/24-hour storm event.

Key for BMP purpose(s): VC = Volume Control; RC = Rate Control; and WQ = Water Quality

BMP	Function(s)	Purpose(s)	Volume of stormwater treated	Acres treated
Site Restoration ONLY				
☐ Restore Site to Meadow in Good Condition or Better, or Existing Conditions	Infiltration/Recharge Detention/WQ Treatment	☐ VC ☐ RC ☐ WQ	_____	_____
Bio-infiltration areas	Infiltration/Recharge			
☐ Infiltration Trench		☐ VC ☐ RC ☐ WQ	_____	_____
☒ Infiltration Bed		☒ VC ☒ RC ☒ WQ	1,481cf(2-yr); 4,356cf(100-yr)	0.17
☐ Infiltration Basin		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Rain Garden/ Bioretention		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Infiltration Berm		☐ VC ☐ RC ☐ WQ	_____	_____
Natural Area Conservation	Infiltration/Recharge			
☐ Streamside Buffer Zone		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Wetland Buffer Zone		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Sensitive Area Buffer Zone		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Pre-Construction Drainage Pattern Intact		☐ VC ☐ RC ☐ WQ	_____	_____
Stormwater Retention	Detention/Retention			
☐ Constructed Wetlands		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Wet Ponds		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Retention Basin		☐ VC ☐ RC ☐ WQ	_____	_____
Sediment and Pollutant Removal	Water Quality Treatment			
☐ Vegetated Filter Strips		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Compost Filter Sock		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Detention Basins		☐ VC ☐ RC ☐ WQ	_____	_____
Access Road Design	Infiltration/Recharge			
☐ Road Crowning		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Ditches		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Turnouts		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Culverts		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Roadside Vegetated Filter Strips		☐ VC ☐ RC ☐ WQ	_____	_____

Stormwater Energy Dissipaters ☐ Level Spreaders ☐ Riprap Aprons ☐ Upslope Diversions ☐ Other_____	Infiltration/Recharge	 ☐ VC ☐ RC ☐ WQ ☐ VC ☐ RC ☐ WQ ☐ VC ☐ RC ☐ WQ ☐ VC ☐ RC ☐ WQ	 _____ _____ _____ _____	 _____ _____ _____ _____

d. Critical PCSM Plan stages

Identify and list critical stages of implementation of the PCSM Plan for which a licensed professional or designee shall be present on site.

1. Upon commencement of construction activities to ascertain the Valve Yard Pad area has been flagged and fence erected to prevent access to the area.
2. At completion of Diversion Berm/Channel to ensure it has been constructed to the proposed lines and grades, the specified lining materials have been installed in accordance with the requirements of the plans and specifications, and if applicable, vegetation has been established.
3. At the beginning of construction of the Valve Yard Pad to ensure the infiltration area has not been compacted by construction activities.
4. During construction of the Valve Yard Pad the licensed professional will observe that the BMP is constructed in accordance with the plans and specifications.
5. Following installation of the Valve Yard Pad subgrade to ensure stormwater flow is directed to the outlet structure.
6. For final inspection of constructed BMPs.
7. At the establishment of hard surface stabilization or 70% vegetation covers to allow removal of E&S controls.

NOTICE OF INTENT (NOI) FOR COVERAGE UNDER THE EROSION AND SEDIMENT CONTROL GENERAL PERMIT (ESCGP-3) FOR EARTH DISTURBANCE ASSOCIATED WITH OIL AND GAS EXPLORATION, PRODUCTION, PROCESSING, OR TREATMENT OPERATIONS OR TRANSMISSION FACILITIES

TABLES IN ADDENDUM OF NOI

SECTION H. POST CONSTRUCTION STORMWATER MANAGEMENT (PLAN) BMPs

Regional Energy Lateral Pipeline – MLV-515RA40-Hildebrandt Tie-In

b. Summary Table for Supporting Calculation and Measurement Data

(See NOI Instructions for additional guidance with this section)

The remainder of this section (Summary Table for Calculation and Measurement Data) does not need to be completed for areas of projects involving oil and gas activities authorized by Chapter 78 or Chapter 78a (well pads) or pipelines and other similar utility infrastructure which will be restored to meadow in good condition or better or existing conditions.

Watershed Name: Toby Creek

Volume Control design storm frequency 2-year Rainfall amount 3.40 inches	Pre-construction	Post Construction	Net Change
Impervious area (acres)	0.0	0.22	+0.22
Volume of stormwater runoff (acre-feet) without planned stormwater BMPs	0.03	0.07	+0.04
Volume of stormwater runoff (acre-feet) with planned stormwater BMPs	[redacted]	0.01	-0.02
Stormwater discharge rate for the design frequency storm	Pre-construction	Post Construction	Net Change
1) 2-Year/24-Hour	0.34	0.20	-0.14
2) 10-Year/24-Hour	0.67	0.38	-0.29
3) 50-year/24-Hour	1.20	0.65	-0.55
4) 100-year/24-Hour	1.52	0.80	-0.72

c. Summary Description of PCSM/SR BMPs

In the lists below, check the BMPs identified in the PCSM Plan. The primary function(s) of the BMP listed in the functions column (infiltration/recharge; detention/retention; water quality). Additional functions may be added if applicable to that BMP. List the stormwater volume and area of runoff to be treated by each BMP type when calculations are required. If any BMP in the PCSM/SR Plan is not listed below, describe it in the space provided after "Other". A summary table with infiltration testing information (Attachment E, included in the NOI Instructions) must be submitted for all Bio-infiltration BMPs included in PCSM/SR plan.

For Rate control provide the volume of stormwater treated and acres treated for the 100-year/24-hour storm event.

For volume control and water quality provide the volume of stormwater treated and acres treated for the 2-year/24-hour storm event.

Key for BMP purpose(s): VC = Volume Control; RC = Rate Control; and WQ = Water Quality

BMP	Function(s)	Purpose(s)	Volume of stormwater treated	Acres treated
Site Restoration ONLY				
☐ Restore Site to Meadow in Good Condition or Better, or Existing Conditions	Infiltration/Recharge Detention/WQ Treatment	☐ VC ☐ RC ☐ WQ	_____	_____
Bio-infiltration areas	Infiltration/Recharge			
☐ Infiltration Trench		☐ VC ☐ RC ☐ WQ	_____	_____
☒ Infiltration Bed		☒ VC ☒ RC ☒ WQ	2,265cf(2-yr); 5,881cf(100-yr)	0.21
☐ Infiltration Basin		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Rain Garden/ Bioretention		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Infiltration Berm				
☐ Vegetated Swale		☐ VC ☐ RC ☐ WQ	_____	_____
Natural Area Conservation	Infiltration/Recharge			
☐ Streamside Buffer Zone		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Wetland Buffer Zone		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Sensitive Area Buffer Zone		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Pre-Construction Drainage Pattern Intact		☐ VC ☐ RC ☐ WQ	_____	_____
Stormwater Retention	Detention/Retention			
☐ Constructed Wetlands		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Wet Ponds		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Retention Basin		☐ VC ☐ RC ☐ WQ	_____	_____
Sediment and Pollutant Removal	Water Quality Treatment			
☐ Vegetated Filter Strips		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Compost Filter Sock		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Detention Basins		☐ VC ☐ RC ☐ WQ	_____	_____
Access Road Design	Infiltration/Recharge			
☐ Road Crowning		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Ditches		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Turnouts		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Culverts		☐ VC ☐ RC ☐ WQ	_____	_____

☐ Roadside Vegetated Filter Strips		☐ VC ☐ RC ☐ WQ	_____	_____
Stormwater Energy Dissipaters	Infiltration/Recharge			
☐ Level Spreaders		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Riprap Aprons		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Upslope Diversions		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Other_____		☐ VC ☐ RC ☐ WQ	_____	_____

d. Critical PCSM Plan stages

Identify and list critical stages of implementation of the PCSM Plan for which a licensed professional or designee shall be present on site.

1. Upon commencement of construction activities to ascertain the Valve Yard Pad area has been flagged and fence erected to prevent access to the area.
2. At completion of Diversion Channel to ensure it has been constructed to the proposed lines and grades, the specified lining materials have been installed in accordance with the requirements of the plans and specifications, and if applicable, vegetation has been established.
3. At the beginning of construction of the Valve Yard Pad to ensure the infiltration area has not been compacted by construction activities.
4. During construction of the Valve Yard Pad the licensed professional will observe that the BMP is constructed in accordance with the plans and specifications.
5. Following installation of the Valve Yard Pad subgrade to ensure stormwater flow is directed to the outlet structure.
6. For final inspection of constructed BMPs.
7. At the establishment of hard surface stabilization or 70% vegetation covers to allow removal of E&S controls.

NOTICE OF INTENT (NOI) FOR COVERAGE UNDER THE EROSION AND SEDIMENT CONTROL GENERAL PERMIT (ESCGP-3) FOR EARTH DISTURBANCE ASSOCIATED WITH OIL AND GAS EXPLORATION, PRODUCTION, PROCESSING, OR TREATMENT OPERATIONS OR TRANSMISSION FACILITIES

TABLES IN ADDENDUM OF NOI

SECTION H. POST CONSTRUCTION STORMWATER MANAGEMENT (PLAN) BMPs

Effort Loop Pipeline-MLV-505LD86 Sugar Hollow Valve Yard

b. Summary Table for Supporting Calculation and Measurement Data

(See NOI Instructions for additional guidance with this section)

The remainder of this section (Summary Table for Calculation and Measurement Data) does not need to be completed for areas of projects involving oil and gas activities authorized by Chapter 78 or Chapter 78a (well pads) or pipelines and other similar utility infrastructure which will be restored to meadow in good condition or better or existing conditions.

Watershed Name: Pohopoco Creek

Volume Control design storm frequency 2-year Rainfall amount 3.26 inches	Pre-construction	Post Construction	Net Change
Impervious area (acres)	0.09	0.62	+0.53
Volume of stormwater runoff (acre-feet) without planned stormwater BMPs	0.35	0.44	+0.09
Volume of stormwater runoff (acre-feet) with planned stormwater BMPs	[redacted]	0.28	-0.07
Stormwater discharge rate for the design frequency storm DA-1	Pre-construction	Post Construction	Net Change
1) 2-Year/24-Hour	0.01	0.01	-0.00
2) 10-Year/24-Hour	0.37	0.31	-0.06
3) 50-year/24-Hour	5.89	4.21	-1.68
4) 100-year/24-Hour	11.47	8.28	-3.19
Stormwater discharge rate for the design frequency storm DA-2	Pre-construction	Post Construction	Net Change
1) 2-Year/24-Hour	4.51	3.97	-0.54
2) 10-Year/24-Hour	12.49	12.28	-0.21
3) 50-year/24-Hour	26.58	24.35	-2.23
4) 100-year/24-Hour	35.41	31.74	-3.67

c. Summary Description of PCSM/SR BMPs

In the lists below, check the BMPs identified in the PCSM Plan. The primary function(s) of the BMP listed in the functions column (infiltration/recharge; detention/retention; water quality). Additional functions may be added if applicable to that BMP. List the stormwater volume and area of runoff to be treated by each BMP type when calculations are required. If any BMP in the PCSM/SR Plan is not listed below, describe it in the space provided after "Other". A summary table with infiltration testing information (Attachment E, included in the NOI Instructions) must be submitted for all Bio-infiltration BMPs included in PCSM/SR plan.

For Rate control provide the volume of stormwater treated and acres treated for the 100-year/24-hour storm event.

For volume control and water quality provide the volume of stormwater treated and acres treated for the 2-year/24-hour storm event.

Key for BMP purpose(s): VC = Volume Control; RC = Rate Control; and WQ = Water Quality

BMP	Function(s)	Purpose(s)	Volume of stormwater treated	Acres treated
Site Restoration ONLY				
☐ Restore Site to Meadow in Good Condition or Better, or Existing Conditions	Infiltration/Recharge Detention/WQ Treatment	☐ VC ☐ RC ☐ WQ	_____	_____
Bio-infiltration areas	Infiltration/Recharge			
☐ Infiltration Trench		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Infiltration Bed		☐ VC ☐ RC ☐ WQ	_____	_____
☒ Infiltration Basin		☒ VC ☒ RC ☒ WQ	1,123cf(2-yr); 21,318cf(100-yr)	2.85
☐ Rain Garden/ Bioretention		☐ VC ☐ RC ☐ WQ	_____	_____
☒ Infiltration Berm		☒ VC ☒ RC ☒ WQ	5,915cf(2-yr); 26,924cf(100-yr)	1.54
Natural Area Conservation	Infiltration/Recharge			
☐ Streamside Buffer Zone		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Wetland Buffer Zone		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Sensitive Area Buffer Zone		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Pre-Construction Drainage Pattern Intact		☐ VC ☐ RC ☐ WQ	_____	_____
Stormwater Retention	Detention/Retention			
☐ Constructed Wetlands		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Wet Ponds		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Retention Basin		☐ VC ☐ RC ☐ WQ	_____	_____
Sediment and Pollutant Removal	Water Quality Treatment			
☐ Vegetated Filter Strips		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Compost Filter Sock		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Detention Basins		☐ VC ☐ RC ☐ WQ	_____	_____
Access Road Design	Infiltration/Recharge			
☐ Road Crowning		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Ditches		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Turnouts		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Culverts		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Roadside Vegetated Filter Strips		☐ VC ☐ RC ☐ WQ	_____	_____

Stormwater Energy Dissipaters	Infiltration/Recharge			
☐ Level Spreaders		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Riprap Aprons		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Upslope Diversions		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Other_____		☐ VC ☐ RC ☐ WQ	_____	_____

d. Critical PCSM Plan stages

Identify and list critical stages of implementation of the PCSM Plan for which a licensed professional or designee shall be present on site.

1. For the final grading of the access road, ensuring it is constructed according to the plan details for proper conveyance of runoff.
2. Following final grading and seeding of the diversion channels and basin, in order to confirm they have been constructed according to the plan details for proper collection and conveyance of runoff. Periodic assessments will need to be made to ensure accumulated sediment have been cleaned out so the channels and basin maintain the necessary design volumes.
3. During the layout and excavation of the outlet control structure, the professional or delegate will ensure sizing, materials specifications, and construction procedures are followed to enable proper storage in the basin.
4. Following final grading and seeding of the infiltration berm in order to confirm they have been constructed according to the plan details for proper collection, infiltration, and conveyance of runoff. Periodic assessment will need to be made to ensure that accumulated sediment have been cleaned out so the area behind the berm maintains the necessary design volume.
5. For final inspection of constructed channels, basin and berms.
6. At the establishment of hard surface stabilization or 70% vegetation covers to allow removal of E&S controls.

NOTICE OF INTENT (NOI) FOR COVERAGE UNDER THE EROSION AND SEDIMENT CONTROL GENERAL PERMIT (ESCGP-3) FOR EARTH DISTURBANCE ASSOCIATED WITH OIL AND GAS EXPLORATION, PRODUCTION, PROCESSING, OR TREATMENT OPERATIONS OR TRANSMISSION FACILITIES

TABLES IN ADDENDUM OF NOI

SECTION H. POST CONSTRUCTION STORMWATER MANAGEMENT (PLAN) BMPs

Compressor Station 200

b. Summary Table for Supporting Calculation and Measurement Data

(See NOI Instructions for additional guidance with this section)

The remainder of this section (Summary Table for Calculation and Measurement Data) does not need to be completed for areas of projects involving oil and gas activities authorized by Chapter 78 or Chapter 78a (well pads) or pipelines and other similar utility infrastructure which will be restored to meadow in good condition or better or existing conditions.

Watershed Name: Valley Creek

Volume Control design storm frequency 2-year Rainfall amount 3.30 inches	Pre-construction	Post Construction	Net Change
Impervious area (acres)	0.25	0.40	+0.15
Volume of stormwater runoff (acre-feet) without planned stormwater BMPs	0.07	0.11	+0.04
Volume of stormwater runoff (acre-feet) with planned stormwater BMPs	[redacted]	0.07	-0.00
Stormwater discharge rate for the design frequency storm	Pre-construction	Post Construction	Net Change
1) 2-Year/24-Hour	1.03	0.15	-0.88
2) 10-Year/24-Hour	2.06	1.39	-0.67
3) 50-year/24-Hour	3.19	2.79	-0.40
4) 100-year/24-Hour	3.97	3.50	-0.47

c. Summary Description of PCSM/SR BMPs

In the lists below, check the BMPs identified in the PCSM Plan. The primary function(s) of the BMP listed in the functions column (infiltration/recharge; detention/retention; water quality). Additional functions may be added if applicable to that BMP. List the stormwater volume and area of runoff to be treated by each BMP type when calculations are required. If any BMP in the PCSM/SR Plan is not listed below, describe it in the space provided after "Other". A summary table with infiltration testing information (Attachment E, included in the NOI Instructions) must be submitted for all Bio-infiltration BMPs included in PCSM/SR plan.

For Rate control provide the volume of stormwater treated and acres treated for the 100-year/24-hour storm event.

For volume control and water quality provide the volume of stormwater treated and acres treated for the 2-year/24-hour storm event.

Key for BMP purpose(s): VC = Volume Control; RC = Rate Control; and WQ = Water Quality

BMP	Function(s)	Purpose(s)	Volume of stormwater treated	Acres treated
Site Restoration ONLY				
☐ Restore Site to Meadow in Good Condition or Better, or Existing Conditions	Infiltration/Recharge Detention/WQ Treatment	☐ VC ☐ RC ☐ WQ	_____	_____
Bio-infiltration areas	Infiltration/Recharge			
☐ Infiltration Trench		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Infiltration Bed		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Infiltration Basin		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Rain Garden/ Bioretention		☐ VC ☐ RC ☐ WQ	_____	_____
☒ Infiltration Berm		☒ VC ☒ RC ☒ WQ	3,790cf(2-yr); 11,631cf(100-yr)	0.56
Natural Area Conservation	Infiltration/Recharge			
☐ Streamside Buffer Zone		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Wetland Buffer Zone		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Sensitive Area Buffer Zone		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Pre-Construction Drainage Pattern Intact		☐ VC ☐ RC ☐ WQ	_____	_____
Stormwater Retention	Detention/Retention			
☐ Constructed Wetlands		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Wet Ponds		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Retention Basin		☐ VC ☐ RC ☐ WQ	_____	_____
Sediment and Pollutant Removal	Water Quality Treatment			
☐ Vegetated Filter Strips		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Compost Filter Sock		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Detention Basins		☐ VC ☐ RC ☐ WQ	_____	_____
Access Road Design	Infiltration/Recharge			
☐ Road Crowning		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Ditches		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Turnouts		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Culverts		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Roadside Vegetated Filter Strips		☐ VC ☐ RC ☐ WQ	_____	_____

Stormwater Energy Dissipaters ☐ Level Spreaders ☐ Riprap Aprons ☐ Upslope Diversions ☐ Other_____	Infiltration/Recharge	 ☐ VC ☐ RC ☐ WQ ☐ VC ☐ RC ☐ WQ ☐ VC ☐ RC ☐ WQ ☐ VC ☐ RC ☐ WQ	 _____ _____ _____ _____	 _____ _____ _____ _____

d. Critical PCSM Plan stages

Identify and list critical stages of implementation of the PCSM Plan for which a licensed professional or designee shall be present on site.

1. Following final grading and seeding of the infiltration berm in order to confirm it has been constructed according to the plan details for proper collection, infiltration, and conveyance of runoff. Periodic assessments will need to be made to ensure that accumulated sediment should be cleaned out so the channels and berm maintain necessary design volume.
2. For final inspection of constructed BMPs.
3. At the establishment of hard surface stabilization or 70% vegetation covers to allow removal of E & S controls.

NOTICE OF INTENT (NOI) FOR COVERAGE UNDER THE EROSION AND SEDIMENT CONTROL GENERAL PERMIT (ESCGP-3) FOR EARTH DISTURBANCE ASSOCIATED WITH OIL AND GAS EXPLORATION, PRODUCTION, PROCESSING, OR TREATMENT OPERATIONS OR TRANSMISSION FACILITIES

TABLES IN ADDENDUM OF NOI

SECTION H. POST CONSTRUCTION STORMWATER MANAGEMENT (PLAN) BMPs

Compressor Station 515

b. Summary Table for Supporting Calculation and Measurement Data

(See NOI Instructions for additional guidance with this section)

The remainder of this section (Summary Table for Calculation and Measurement Data) does not need to be completed for areas of projects involving oil and gas activities authorized by Chapter 78 or Chapter 78a (well pads) or pipelines and other similar utility infrastructure which will be restored to meadow in good condition or better or existing conditions.

Watershed Name: Bear Creek

Volume Control design storm frequency 2-year Rainfall amount 3.40 inches	Pre-construction	Post Construction	Net Change
Impervious area (acres)	0.34	2.44	+2.10
Volume of stormwater runoff (acre-feet) without planned stormwater BMPs	0.50	0.81	+0.31
Volume of stormwater runoff (acre-feet) with planned stormwater BMPs	[redacted]	0.18	-0.32
Stormwater discharge rate for the design frequency storm	Pre-construction	Post Construction	Net Change
1) 2-Year/24-Hour	5.46	1.76	-3.70
2) 10-Year/24-Hour	10.19	8.30	-1.89
3) 50-year/24-Hour	16.85	9.55	-7.30
4) 100-year/24-Hour	20.81	9.58	-11.23

c. Summary Description of PCSM/SR BMPs

In the lists below, check the BMPs identified in the PCSM Plan. The primary function(s) of the BMP listed in the functions column (infiltration/recharge; detention/retention; water quality). Additional functions may be added if applicable to that BMP. List the stormwater volume and area of runoff to be treated by each BMP type when calculations are required. If any BMP in the PCSM/SR Plan is not listed below, describe it in the space provided after "Other". A summary table with infiltration testing information (Attachment E, included in the NOI Instructions) must be submitted for all Bio-infiltration BMPs included in PCSM/SR plan.

For Rate control provide the volume of stormwater treated and acres treated for the 100-year/24-hour storm event.

For volume control and water quality provide the volume of stormwater treated and acres treated for the 2-year/24-hour storm event.

Key for BMP purpose(s): VC = Volume Control; RC = Rate Control; and WQ = Water Quality

BMP	Function(s)	Purpose(s)	Volume of stormwater treated	Acres treated
Site Restoration ONLY				
☐ Restore Site to Meadow in Good Condition or Better, or Existing Conditions	Infiltration/Recharge Detention/WQ Treatment	☐ VC ☐ RC ☐ WQ	_____	_____
Bio-infiltration areas	Infiltration/Recharge			
☐ Infiltration Trench		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Infiltration Bed		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Infiltration Basin		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Rain Garden/ Bioretention		☐ VC ☐ RC ☐ WQ	_____	_____
☒ Infiltration Berm		☒ VC ☒ RC ☒ WQ	31,799cf(2-yr); 96,268cf(100-yr)	3.83
Natural Area Conservation	Infiltration/Recharge			
☐ Streamside Buffer Zone		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Wetland Buffer Zone		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Sensitive Area Buffer Zone		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Pre-Construction Drainage Pattern Intact		☐ VC ☐ RC ☐ WQ	_____	_____
Stormwater Retention	Detention/Retention			
☐ Constructed Wetlands		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Wet Ponds		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Retention Basin		☐ VC ☐ RC ☐ WQ	_____	_____
Sediment and Pollutant Removal	Water Quality Treatment			
☐ Vegetated Filter Strips		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Compost Filter Sock		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Detention Basins		☐ VC ☐ RC ☐ WQ	_____	_____
Access Road Design	Infiltration/Recharge			
☐ Road Crowning		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Ditches		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Turnouts		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Culverts		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Roadside Vegetated Filter Strips		☐ VC ☐ RC ☐ WQ	_____	_____

Stormwater Energy Dissipaters	Infiltration/Recharge			
☐ Level Spreaders		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Riprap Aprons		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Upslope Diversions		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Other_____		☐ VC ☐ RC ☐ WQ	_____	_____

d. Critical PCSM Plan stages

Identify and list critical stages of implementation of the PCSM Plan for which a licensed professional or designee shall be present on site.

1. Following final grading and seeding of the collection channels and infiltration berm in order to confirm they have been constructed according to the plan details for proper collection, infiltration, and conveyance of runoff. Periodic assessments will need to be made to ensure that accumulated sediment should be cleaned out so the channels and berm maintain necessary design volume.
2. For final inspection of constructed BMPs.
3. At the establishment of hard surface stabilization or 70% vegetation covers to allow removal of E & S controls.

SECTION I. ANTIDEGRADATION ANALYSIS

This section must be completed where earth disturbance activities will be conducted in the watershed of a surface water with an existing or designated use of exceptional value or high quality pursuant to Chapter 93 (relating to water quality standards), projects where any part is located in an exceptional value wetland in accordance with 25 Pa. Code § 105.17, and projects where any part is located in the watershed of an impaired surface water where the cause of impairment is identified as siltation.

Part 1 - NONDISCHARGE ALTERNATIVES EVALUATION

The applicant must consider and describe any and all non-discharge alternatives for the entire project area which are environmentally sound and will**:**

- Minimize accelerated erosion and sedimentation during the earth disturbance activity
- Achieve no net change from pre-development to post-development volume, rate and concentration of pollutants in water quality

E & S Plan	PCSM/SR Plan
Check off the environmentally sound nondischarge Best Management Practices (BMPs) listed below to be used prior to, during, and after earth disturbance activities that have been incorporated into your E & S Plan based on the site analysis. For non-discharge BMPs not checked, provide an explanation of why they were not utilized. Also for BMPs checked, provide an explanation of why they were utilized. (Provide the analysis and attach additional sheets if necessary) See Section 2 of this ESCGP-3 Application	Check off the environmentally sound nondischarge Best Management Practices (BMPs) listed below to be used after construction that have been incorporated into the PCSM/SR Plan based on your site analysis. For non-discharge BMPs not checked, provide an explanation of why they were not utilized. Also for BMPs checked, provide an explanation of why they were utilized. (Provide the analysis and attach additional sheets if necessary) See Section 3 of this ESCGP-3 Application
Nondischarge BMPs ☐ Alternative Siting ☐ Alternative location ☐ Alternative configuration ☐ Alternative location of discharge ☒ Limited Disturbed Area ☐ Limiting Extent & Duration of Disturbance (Phasing, Sequencing) ☐ Riparian Buffers (150 ft. min.) ☐ Riparian Forest Buffer (150 ft. min.) ☐ Other _____	**Nondischarge BMPs** ☐ Alternative Siting ☐ Alternative location ☐ Alternative configuration ☐ Alternative location of discharge ☐ Low Impact Development (LID / BSD) ☐ Riparian Buffers (150 ft. min.) ☐ Riparian Forest Buffer (150 ft. min.) ☒ Infiltration ☐ Water Reuse ☐ Other _____
Will the non-discharge alternative BMPs eliminate the net change in rate, volume and quality during construction? ☐ Yes ☒ No If yes, antidegradation analysis is complete. If no, proceed to Part 2.	Will the non-discharge alternative BMPs eliminate the net change in rate, volume and quality after construction? ☐ Yes ☒ No If yes, antidegradation analysis is complete. If no, proceed to Part 2.

PART 2 - ANTIDEGRADATION BEST AVAILABLE COMBINATION OF TECHNOLOGIES (ABACT)

If the net change in stormwater discharge from or after construction is not fully managed by nondischarge BMPs, the applicant must utilize ABACT BMPs to manage the difference. The Applicant must specify whether the discharge will occur during construction, post-construction or both, and identify the technologies that will be used to ensure that the discharge will be a non-degrading discharge. ABACT BMPs include but are not limited to:

E & S Plan	PCSM/SR Plan
☒ **Treatment BMPs:** ☐ Sediment basin with skimmer ☐ Sediment basin ratio of 4:1 or greater (flow length to basin width) ☐ Sediment basin with 4-7 day detention ☐ Flocculants ☒ Compost Filter Socks ☒ Compost Filter Sock Sediment Basin ☒ RCE w/ Wash Rack ☒ **Land disposal:** ☐ Vegetated filters ☐ Riparian buffers <150ft. ☐ Riparian Forest Buffer <150ft. ☒ Immediate stabilization ☒ **Pollution prevention:** ☒ PPC Plans ☒ Street sweeping ☒ Channels, collectors and diversions lined with permanent vegetation, rock, geotextile or other non-erosive materials ☐ **Stormwater reuse technologies:** ☐ Sediment basin water for dust control ☐ Sediment basin water for irrigation ☐ **Other** _____	☒ **Treatment BMPs:** ☒ Infiltration Practices ☐ Wet ponds ☐ Created wetland treatment systems ☒ Vegetated swales ☐ Manufactured devices ☒ Bio-retention/infiltration ☐ Green Roofs ☐ **Land disposal:** ☐ Vegetated filters ☐ Riparian Buffers <150ft. ☐ Riparian Forest Buffer <150ft. ☐ Disconnection of roof drainage ☐ Bio-retention/bio-infiltration ☒ **Pollution prevention:** ☐ Street sweeping ☐ Nutrient, pesticide, herbicide or other chemical application plan alternatives ☒ PPC Plans ☒ Non-structural Practices ☒ Restoration BMPs ☐ **Stormwater reuse technologies:** ☐ Divert rainwater into impoundment ☐ Underground storage ☐ Spray/Drip Irrigation ☐ **Other** _____
Are the ABACT BMPs selected sufficient to minimize E&S discharges to the extent that existing or designated surface water uses are protected? ☒ Yes ☐ No If yes, Antidegradation analysis is complete. If no, NOI Application will be returned to the Applicant.	Are the ABACT BMPs selected sufficient to achieve no net change and assure that existing or designated surface water uses are protected? ☒ Yes ☐ No If yes, Antidegradation analysis is complete. If no, NOI Application will be returned to the Applicant.

SECTION J. COMPLIANCE HISTORY REVIEW

Is/was the applicant(s) in violation of any Department regulation, order, schedule of compliance or permit or in violation of any department regulated activities within the past five years?

☒ Yes ☐ No

If yes, provide the permit number or facility name, a brief description of the violation, the compliance schedule (including dates and steps to achieve compliance) and the current compliance status. (Attach additional information on a separate sheet, when necessary)

Permit Program or Activity: Chapter 102, Chapter 105, PAG-10
Permit Number (if applicable):

1. **ESG03000150001, ESG00350150001, ESG00081150001**
2. **E41-649**
3. **E-19-311, E36-947, E-38-195, E40-769,E49-336, E54-360, E58-315, E66-160, E41-667, E18-495,**
4. **PAG109632**

Brief Description of non-compliance:

Consent Assessment of Civil Penalty, Reports past due.

Steps taken to achieve compliance	Date(s) compliance achieved
1. Consent Assessment of Civil Penalty 2. Consent Assessment of Civil Penalty. Permits being obtained to complete channel restoration 3. Consent Assessment of Civil Penalty 4. All past due reports were provided to PADEP	1. 9/20/2020 2. 8/9/2020 3. 9/20/2020 4. 12/14/2017

Current Compliance Status: ☒ In-Compliance ☐ In Non-Compliance

If in non-compliance, attach schedule for achieving compliance.

SECTION K. CERTIFICATION BY PERSON PREPARING E&S AND PCSM/SR PLANS

I do hereby certify to the best of my knowledge, information, and belief, that the Erosion and Sediment Control and PCSM/Site Restoration Plans are true and correct, represent actual field conditions, and are in accordance with the 25 Pa. Code Chapters 78/78a and 102 of the Department's rules and regulations. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment.

Print Name Kevin C. Clark	Signature	Professional Seal
Company BAI Group, LLC		
Address 2525 Green Tech Drive, Suite D, State College, PA-16803		
Phone (814) 238-2060		
Most Recent DEP Training Attended _____	Location _____ Date _____	
e-Mail Address kclark@baigroupllc.com		

EXPEDITED REVIEW PROCESS

In addition to the certification required above, applicants using the expedited permit review process must attach an E&S and PCSM/Site Restoration Plans developed and sealed by a licensed professional engineer, surveyor or professional geologist. The plans shall contain the following certification:

*I do hereby certify to the best of my knowledge, information, and belief, that the E & S Control and PCSM/SR BMPs are true and correct, represent actual field conditions and are in accordance with the 25 Pa. Code Chapters 78 / 78a and 102 of the Department's rules and regulations. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment***.**

SECTION L. APPLICANT CERTIFICATION

Applicant Certification

I certify under penalty of law, as provided by 18 Pa. C.S.A. § 4904, that this application and all related attachments were prepared by me or under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my own knowledge and on inquiry of the person or persons who manage the system or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate and complete. The responsible official's signature also verifies that the activity is eligible to participate in the ESCGP, and that the applicant agrees to abide by the terms and conditions of the permit. BMP's, E&S Plan, PPC Plan, PCSM Plan, and other controls are being or will be, implemented to ensure that water quality standards and effluent limits are attained.

I grant permission to the agencies responsible for the permitting of this work, or their duly authorized representative to enter the project site for inspection purposes. I will abide by the conditions of the permit if issued and will not begin work prior to permit issuance.

(For individuals no indication of title is necessary, choose the box below. All others proceed to the next paragraph)

☐ **Individual; proceed to signature portion.**

I hereby certify under penalty of law, as provided by 18 Pa. C.S.A. § 4904, that I am the person who is responsible for decision-making regarding environmental compliance functions for Transcontinental Gas Pipeline Company, LLC, the manager of one or more manufacturing, production, or operating facilities of the applicant and am authorized to make management decisions which govern the operation of regulated facility including having explicit or implicit duty of making major capital investment recommendations, and initiating and directing other comprehensive measures to assure the applicant's long term environmental compliance with environmental laws and regulations; and I am responsible for ensuring that the necessary systems are established or actions taken to gather complete and accurate information for permit application requirements.

(choose one of the following; not applicable for individuals):

☐ The responsible corporate officer ☐ president ☐ vice president ☐ secretary
☐ treasure of _____ Corporation/Company
Entity name

☒ The ☐ member or ☒ manager of Transcontinental Gas Pipe Line Company, LLC
Entity name

☐ The general partner of _____ partnership/LP/LLP
Entity name

☐ The principal executive officer or ranking elected official of _____ Municipality/State/Federal/other public agency
Entity name

☐ Power of Attorney/delegation of contractual authority (documentation supporting delegation of contracting authority must be provided) for _____
Entity name

_____	_____
Print Name and Title of Applicant	Print Name and Title of Co-Applicant (if applicable)
_____	_____
Signature of Applicant	Signature of Co-Applicant
_____	_____
Date Application Signed	Date Application Signed

Notarization

Sworn to and subscribed to before me this

_____ day of _____, 20_____

_____
Notary Public

AFFIX SEAL

Commonwealth of Pennsylvania

County of _____

My Commission expires _____

SECTION M. ADDITIONAL CONTACT INFORMATION				
Contact's Last Name	First Name	MI	Phone (814) 689-1650	
Nelson	Ryan	J	FAX	
Mailing Address	City		State	ZIP + 4
2525 Green Tech Drive, Suite B	State College		PA	16803
e-Mail Address ryann@whmgroup.com				

Section 1-1.1 NOI Supporting Information

Project Component	Site	Site Location City	ZIP Code	County	Municipality	Total Project Area/Project Site (Acre)	Total Disturbed Area (Acre)	Latitude / Longitude	U.S.G.S. 7.5 min. Topographic Quadrangle	Receiving Waters	Chapter 93, Designated Use Stream Classification	Chapter 93, Existing Use Stream Classification	Siltation Impaired
Regional Energy Lateral	Pipeline			Luzerne	Buck, Bear Creek, Plains, Jenkins, Kingston, Dallas, Wyoming, West Wyoming, Laflin	952.63	420.67 (includes CS 515 and sites below)	41.173337, -75.671706 (eastern terminus) 41.346917, -75.946263 (western terminus)	Kingston, Pittston, Avoca, Wilkes-Barre East, Pleasant View Summit	Stony Run, Shades Creek, Little Shades Creek, Snider Run, Meadow Run, Bear Creek, Little Bear Creek, Mill Creek, Gardner Creek, Susquehanna River, Abrahams Creek, Toby Creek, Trout Brook	MF, HQ-CWF, WWF, CWF	-	No
	CY-LU-001	Wyoming	18644	Luzerne	Wyoming		16.3 (Included within above total)	41.31016, -75.84636		Abrahams Creek	CWF, MF	-	No
	CY-LU-002	Wilkes-Barre	18702	Luzerne	Laflin		11.4 (Included within above total)	41.28491, -75.79026		Gardner Creek	CWF, MF	-	No
	MLV-515RA20	Wilkes-Barre	18702	Luzerne	Bear Creek Township		0.46 (Included within above total)	41.25279, -75.75856		Mill Creek	CWF, MF	-	No
	MLV-515RA30	Wyoming	18644	Luzerne	Wyoming Borough		0.44 (Included within above total)	41.30411, -75.84662		Susquehanna River	WWF		No
	Carverton Tie-in	Wyoming	18644	Luzerne	West Wyoming Borough		3.9 (Included within above total)	41.32053, -75.87270		Abrahams Creek	CWF, MF		No
	Lower Demunds REL Tie-in	Dallas	18612	Luzerne	Dallas Township		1.7 (Included within above total)	41.34652, -75.94551		Trout Brook	CWF, MF		No
	Hildebrandt Tie-in/MLV-515RA40	Dallas	18612	Luzerne	Dallas Township		3.1 (Included within above total)	41.34692, -75.94629		Toby Creek, Trout Brook	CWF, MF		No
	Laflin Borough Stream Stabilization	Wilkes-Barre	18702	Luzerne	Laflin Borough		0.94 (Included within above total)	41.28925, -75.80209		Gardner Creek	CWF, MF	-	No
Effort Loop	Pipeline			Monroe	Ross, Chestnuthill, Tunkhannock	360.63	262.18	40.896796, -75.370606 (Southeast Terminus) 41.053413, -75.526178 (Northwest Terminus)	Blakeslee, Pocono Pines, Brodheadsville, Saylorsburg	Lake Creek, Princess Run, Weir Creek, McMichael Creek, Pohopoco Creek, Sugar Hollow Creek, Poplar Creek, Mud Run, Mud Pond Run, Tunkhannock Creek	EV, MF, HQ-CWF, CWF	EV, MF	No

Project Component	Site	Site Location City	ZIP Code	County	Municipality	Total Project Area/Project Site (Acre)	Total Disturbed Area (Acre)	Latitude / Longitude	U.S.G.S. 7.5 min. Topographic Quadrangle	Receiving Waters	Chapter 93, Designated Use Stream Classification	Chapter 93, Existing Use Stream Classification	Siltation Impaired
	MLV-505LD86 Sugar Hollow Valve Yard	Effort	18330	Monroe	Chestnut Hill Township		8.8 (Included within above total)	40.96775, -75.42980		Sugar Hollow Creek	CWF, MF	-	No
	CY-MO-001	Saylorsburg	18353	Monroe	Ross Township		50.1 (Included within above total)	40.89803, -75.36784		Lake Creek, Princess Run	HQ-CWF, MF, CWF	-	No
Delaware River Regulator		Easton	18040	Northampton	Lower Mt. Bethel	11.28	3.25	40.76220 -75.19653	Bangor, PA	Mud Run	CWF, MF	-	No
Mainline "A" Regulator		Washington Crossing	18977	Bucks	Lower Makefield	0.94	0.530	40.26807, -74.85712	Pennington, NJ-PA	Dyers Creek, Delaware River	MF, WWF	-	No
Compressor Station 200		Frazer	19335	Chester	East Whiteland	20.28	3.16	40.04998, -75.58589	Malvern, PA	Valley Creek	EV, MF, CWF	-	Yes
Compressor Station 515		White Haven	18661	Luzerne	Buck	952.63 (Included with Regional Energy Lateral)	24.83 (included with Regional Energy Lateral)	41.17380, -75.67118	Pleasant View Summit, PA	Shades Creek, Stony Run	HQ-CWF, MF	-	No

COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
BUREAU OF CLEAN WATER

MUNICIPAL NOTIFICATION OF PLANNED LAND DEVELOPMENT FOR CHAPTER 102 PERMITS

PROJECT INFORMATION (COMPLETED BY APPLICANT)

Applicant Name:	**Transcontinental Gas Pipe Line Company, a subsidiary of Williams Partners, L.P.**	Contact Name:	**Joseph Dean** **Manager-Permitting**
Applicant Address:	**2800 Post Oak Blvd, Level 11**	Contact Phone:	**(713) 215-3427**
Applicant City, State, ZIP:	**Houston, TX 77056**	County:	**Chester**
Description of Proposed Land Development and Stormwater Controls:		Municipality:	**East Whiteland**
The existing Compressor Station 200 component of the Regional Energy Access Expansion Project is proposed to connect the existing Trancso Mainline A into suction to support south flow. E&S and PCSM BMP's are proposed.		Project Area:	**20.28** acres ☐ Phased
		Disturbance:	**3.16** acres

Surface Waters Receiving Stormwater Discharges:
Valley Creek

Tax Parcel ID(s) Affected by Proposed Land Development:
4203 0065000 & 4203 0066000

Discharge to: ☐ MS4 ☐ Other SS ☐ CSS

The following information was submitted to the municipality for this project:

☐ Land Development / Subdivision Plan ☒ E&S Plan ☒ PCSM Plan ☐ Other:

***On March 31, 2021 Transco submitted to you its E&S and PCSM Plans (Plans) as part of the ESCGP-3 permit application notification. Transco provided an update in July 2021 indicating the Erosion and Sediment Control Permit for Discharges of Stormwater Associated with Construction Activities Application was submitted to the PA Dept. of Environmental Protection to replace the ESCGP-3 application. Transco has updated the application in response to the PADEP Technical Deficiencies and is providing the updated materials. Updated drawings, location maps, GIF form and Parcel ID tables are included.**

MUNICIPAL PLAN / ORDINANCE INFORMATION (COMPLETED BY MUNICIPALITY)		
1. Is there an adopted municipal or multi-municipal comprehensive plan?	☐ Yes	☐ No
2. Is there an enacted municipal or multi-municipal zoning ordinance?	☐ Yes	☐ No
3. If Yes to #2, is the proposed project consistent with the ordinance?	☐ Yes	☐ No
4. Is there a municipal stormwater management ordinance?	☐ Yes	☐ No
5. If Yes to #4, is the proposed project consistent with the ordinance, without waiver?	☐ Yes	☐ No

6. If Yes to #4, indicate type of ordinance: ☐ Act 167 Model Ordinance ☐ DEP Model Ordinance (MS4s) ☐ Other

APPLICANT CERTIFICATION	MUNICIPAL ACKNOWLEDGEMENT
I certify under penalty of law (see 18 Pa.C.S. § 4904 (relating to unsworn falsification)) that the information reported herein was prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the information, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.	The municipality acknowledges that a permit application for the above-referenced project has been submitted to a reviewing agency and that notification requirements of Act 14 of 1984 and Acts 67, 68, and 127 of 2000 have been satisfied. The information reported herein by the municipality is true and accurate. The municipality reserves the right to comment to the reviewing agency relative to comprehensive plans, zoning, and stormwater ordinance consistency. Municipal acknowledgment of receipt of notification shall not be construed as project approval.

Joseph Dean

Applicant Name

Applicant Signature

Manager - Permitting

Applicant Title

04/06/2022

Date of Signature

Municipal Representative Name

Municipal Representative Signature

Municipal Representative Title

Date of Signature

From: UPS
To: SFOX@WHMGROUP.COM
Subject: UPS Delivery Notification, Tracking Number 1Z8797VV0399084414
Date: Friday, April 8, 2022 1:35:10 PM

Hello, your package has been delivered.

Delivery Date: Friday, 04/08/2022
Delivery Time: 1:33 PM
Left At: RECEPTION
Signed by: MONIQUE

WHM CONSULTING, INC

Tracking Number:	1Z8797VV0399084414
Ship To:	EAST WHITELAND TOWNSHIP SUPERVISOR 209 CONESTOGA ROAD FRAZER, PA 19355 US
Number of Packages:	1
UPS Service:	UPS Ground
Package Weight:	1.0 LBS
Reference Number:	WILLIAMS-20-271, T2C

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Transcontinental Gas Pipe Line Company, LLC

Section 1-11 – General Information Form

Regional Energy Access Expansion Project

April 2021
(Added July 2021)
(Revised March 2022)

pennsylvania
DEPARTMENT OF ENVIRONMENTAL PROTECTION

COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION

GENERAL INFORMATION FORM – AUTHORIZATION APPLICATION

Before completing this General Information Form (GIF), read the step-by-step instructions provided in this application package. This form is used by the Department of Environmental Protection (DEP) to inform our programs regarding what other DEP permits or authorizations may be needed for the proposed project or activity. This version of the General Information Form (GIF) must be completed and returned with any program-specific application being submitted to the DEP.

Related ID#s (If Known)				DEP USE ONLY
Client ID#		**APS ID#**		Date Received & General Notes
Site ID#		**Auth ID#**		
Facility ID#				

CLIENT INFORMATION

DEP Client ID#	Client Type / Code	Dun & Bradstreet ID#
163321	LLC	

Legal Organization Name or Registered Fictitious Name	Employer ID# (EIN)	Is the EIN a SSN?
Transcontinental Gas Pipe Line Company, LLC	74-1079400	☐ Yes ☒ NO

State of Incorporation or Registration of Fictious Name

☐ Corporation ☒ LLC ☐ Partnership ☐ LLP ☐ LP
☐ Sole Proprietorship ☐ Association/Organization
☐ Estate/Trust ☐ Other

Individual Last Name	First Name	MI	Suffix

Additional Individual Last Name	First Name	MI	Suffix

Mailing Address Line 1	Mailing Address Line 2
2800 Post Oak Blvd, Level 11	

Address Last Line – City	State	ZIP+4	Country
Houston	TX	77056	United States

Client Contact Last Name	First Name	MI	Suffix
Dean	Joseph		

Client Contact Title	Phone	Ext	Cell Phone
Manager, Permitting	(713) 215-3427		

Email Address	FAX
Joseph.Dean@Williams.com	

SITE INFORMATION

DEP Site ID#	Site Name
	Regional Energy Access Expansion Project

EPA ID# **Estimated Number of Employees to be Present at Site**

Description of Site
The Project is an expansion of an existing natural gas transmission system consisting of pipelines, modification of three existing compressor stations and additional existing ancillary facilities.

Tax Parcel ID(s):

County Name(s)	Municipality(ies)	City	Boro	Twp	State
Luzerne	Buck, Bear Creek, Plains, Jenkins, Kingston, Dallas, Wyoming, West Wyoming, Laflin	☐	☒	☒	PA
Monroe	Ross, Chestnuthill, Tunkhannock	☐	☐	☒	PA
Northampton	Lower Mt. Bethel	☐	☐	☒	PA
Bucks	Lower Makefield	☐	☐	☒	PA
Chester	East Whiteland	☐	☐	☒	PA
		☐	☐	☒	PA
		☐	☒	☐	PA

Site Location Line 1	Site Location Line 2
See Section 1.1 - GIF Supporting Information	

Site Location Last Line – City	State	ZIP+4

Detailed Written Directions to Site
See Secton 1.1 - GIF Supporting Information for locations of all project sites.

Site Contact Last Name	First Name	MI	Suffix
Henry	Josh		

Site Contact Title	Site Contact Firm
Environmental Specialist	Transcontinental Gas Pipe Line Company, LLC.

Mailing Address Line 1	Mailing Address Line 2
2000 Commerce Drive, Park Place 2	

Mailing Address Last Line – City	State	ZIP+4
Pittsburgh	PA	15275

Phone	Ext	FAX	Email Address
(412) 787- 4277			Josh.Henry@Williams.com

NAICS Codes (Two- & Three-Digit Codes – List All That Apply) **6-Digit Code** (Optional)
221

Client to Site Relationship
OWNOP

FACILITY INFORMATION

Modification of Existing Facility	Yes	No
1. **Will this project modify an existing facility, system, or activity?**	☒	☐
2. **Will this project involve an addition to an existing facility, system, or activity?**	☒	☐

If "Yes", check all relevant facility types and provide DEP facility identification numbers below.

	Facility Type	DEP Fac ID#		Facility Type	DEP Fac ID#
☐	Air Emission Plant		☐	Industrial Minerals Mining Operation	
☐	Beneficial Use (water)		☐	Laboratory Location	
☐	Blasting Operation		☐	Land Recycling Cleanup Location	
☐	Captive Hazardous Waste Operation		☐	Mine Drainage Treatment / Land Recycling Project Location	
☐	Coal Ash Beneficial Use Operation		☐	Municipal Waste Operation	
☐	Coal Mining Operation		☐	Oil & Gas Encroachment Location	
☐	Coal Pillar Location		☐	Oil & Gas Location	
☐	Commercial Hazardous Waste Operation		☐	Oil & Gas Water Poll Control Facility	
☐	Dam Location		☐	Public Water Supply System	
☐	Deep Mine Safety Operation -Anthracite		☐	Radiation Facility	
☐	Deep Mine Safety Operation -Bituminous		☐	Residual Waste Operation	
☐	Deep Mine Safety Operation -Ind Minerals		☐	Storage Tank Location	
☐	Encroachment Location (water, wetland)		☐	Water Pollution Control Facility	
☐	Erosion & Sediment Control Facility		☐	Water Resource	
☐	Explosive Storage Location		☒	Other: Natural Gas Transmission	

Latitude/Longitude Point of Origin	Latitude Degrees	Latitude Minutes	Latitude Seconds	Longitude Degrees	Longitude Minutes	Longitude Seconds
See Section 1.1 - GIF Supporting Information						

Horizontal Accuracy Measure	Feet	*--or--*	Meters
Horizontal Reference Datum Code	☐ North American Datum of 1927 ☒ North American Datum of 1983 ☐ World Geodetic System of 1984		
Horizontal Collection Method Code	GISDR		
Reference Point Code	CNTAR		
Altitude	Feet	*--or--*	Meters
Altitude Datum Name	☐ The National Geodetic Vertical Datum of 1929 ☒ The North American Vertical Datum of 1988 (NAVD88)		
Altitude (Vertical) Location Datum Collection Method Code	TOPO		

Geometric Type Code	POINT				
Data Collection Date	2020				
Source Map Scale Number	1	Inch(es)	=	2,000	Feet
--or--		Centimeter(s)	=		Meters

PROJECT INFORMATION

Project Name
Regional Energy Access Expansion Project

Project Description
The Project is an expansion of Transco's existing natural gas transmission system that will enable Transco to provide an incremental 829,400 dekatherms per day (Dth/d) of year-round firm transportation capacity from the Marcellus Shale production area in northeastern Pennsylvania (PA) to multiple delivery points along Transco's Leidy Line in PA, Transco's mainline at the Station 210 Zone 6 Pooling Point in Mercer County, New Jersey (NJ) and multiple delivery points in Transco's Zone 6 in NJ, PA, and Maryland (MD). The Project will consist of the following components:

• Approximately 22.2 miles of 30-inch-diameter pipeline partially collocated with Transco's Leidy Line A from milepost (MP) 0.00 to MP 22.32 in Luzerne County, PA (Regional Energy Lateral);

• Approximately 13.8 miles of 42-inch-diameter pipeline collocated with Transco's Leidy Line System from MP 43.72 to MP 57.50 in Monroe County, PA (Effort Loop);

• New electric motor-driven compressor station identified as Compressor Station 201 with 9,000 nominal horsepower (HP) in Gloucester County, NJ;

• Addition of two gas-fired turbine driven compressor units with 31,800 nominal HP at ISO conditions at existing Compressor Station 505 in Somerset County, NJ, to accommodate the abandonment and replacement of approximately 16,000 HP from eight existing internal combustion engine-driven compressor units and increase the certificated station compression by 15,800 HP;

• Addition of two gas-fired turbine driven compressor units with 63,742 nominal HP at ISO conditions and modification of three existing compressors at existing Compressor Station 515 in Luzerne County, PA to support the Project and to accommodate the abandonment and replacement of approximately 17,000 HP from five existing gas-fired reciprocating engine driven compressors and increase the certificated station compression by 46,742 HP;

• Uprate and rewheel two existing electric motor-driven compressor units at existing Compressor Station 195 in York County, PA to increase the certificated station compression by 6,000 HP and accommodate the abandonment of two existing gas-fired reciprocating engine driven compressors, which total approximately 8,000 HP;

• Modifications at existing Compressor Station 200 in Chester County, PA;

• Uprate one existing electric motor-driven compressor unit at Compressor Station 207 in Middlesex County, NJ to increase the certificated station compression by 4,100 HP;

• Modifications to three (3) existing pipeline tie-ins in PA (Hildebrandt Tie-in, Lower Demunds REL Tie-in, and Carverton Tie-in);

• Addition of regulation controls at an existing valve setting on Transco's Mainline "A" in Bucks County, PA (Mainline A Regulator);

• Modifications at the existing Delaware River Regulator in Northampton County, PA;

• Modifications at the existing Centerville Regulator in Somerset County, NJ;

• Modifications to the existing valves and piping at the Princeton Junction (Station 210 Pooling Point) in Mercer County, NJ;

• Modifications to three (3) existing delivery meter stations in NJ (Camden M&R Station, Lawnside M&R Station, and Mt. Laurel M&R Station);

• Modifications to one (1) existing delivery meter station in MD (Beaver Dam M&R Station);

• Contractual changes (no modifications) at ten (10) existing delivery meter stations in PA and NJ (Algonquin-Centerville Meter Station, Post Road Meter Station, New Village Meter Station, Spruce Run Meter Station, Marcus Hook Meter Station, Ivyland Meter Station, Repaupo Meter Station, Morgan Meter Station, Lower Mud Run Meter Station, and Chesterfield Meter Station);

• Additional ancillary facilities, such as mainline valves (MLVs), cathodic protection, communication facilities, and internal inspection device (e.g., pig) launchers and receivers in PA; and

• Existing, improved, and new access roads and contractor yards/staging areas in PA, NJ, and MD.

In an ongoing effort to reduce its air emissions footprint, Transco is assessing the replacement of vintage gas-fired reciprocating engine driven compressors with more efficient state-of-the-art gas-fired turbine driven compressors. The proposed compression abandonment and replacement scopes at Transco's existing Compressor Station 505 and Compressor Station 515 are part of this effort and have been adopted into the Project scope. Additionally, the uprate and optimization of existing electric motor-driven compression to accommodate abandonment of gas-fired reciprocating engine driven compression at Compressor Station 195 has also been adopted into the Project scope.

The Algonquin-Centerville, Post Road, New Village, Spruce Run, Marcus Hook, Ivyland, Repaupo, Morgan, Lower Mud Run, and Chesterfield Meter Stations can accommodate the contractual changes proposed as part of this Project; therefore, no modifications are proposed at these facilities

Project Consultant Last Name	**First Name**	**MI**	**Suffix**
Nelson	Ryan		

Project Consultant Title	**Consulting Firm**
Senior Project Manager	WHM Consulting, LLC

Mailing Address Line 1	**Mailing Address Line 2**
2525 Green Tech Drive; Suite B	

Address Last Line – City	**State**	**ZIP+4**
State College	PA	16803

Phone	**Ext**	**FAX**	**Email Address**
(814) 689-1650	102		ryann@whmgroup.com

Time Schedules	**Project Milestone (Optional)**
March 2021	Submit 401 WQC
April 2021	Submit Chapter 102 / 105 Permits
2nd Quarter of 2023	Commence Construction
4th Quarter 2024	In-service Date

1. Is the project located in or within a 0.5-mile radius of an Environmental Justice community as defined by DEP? ☒ Yes ☐ No

To determine if the project is located in or within a 0.5-mile radius of an environmental justice community, please use the online Environmental Justice Areas Viewer.

2. Have you informed the surrounding community prior to submitting the application to the Department? ☒ Yes ☐ No

Method of notification:

1) Open house schedule mailed to affected parties;

2) Newspaper advertisements of open houses placed in newspapers of general circulation in the Project area;

3) Open houses (a mixture of virtual and in-person) held in the county of each major project scope item;
4) Newspaper advertisements prior to commencement of construction, which will be placed in those same publications;
5) Notification to businesses potentially affected by construction;
6) Designation of a point of contact for stakeholder communication;
7) A Project toll free telephone number for public inquiries; and
•8) A Project website with periodic updates of relevant information.

3. Have you addressed community concerns that were identified? ☒ Yes ☐ No ☐ N/A

If no, please briefly describe the community concerns that have been expressed and not addressed.

4. Is your project funded by state or federal grants? ☐ Yes ☒ No

Note: If "Yes", specify what aspect of the project is related to the grant and provide the grant source, contact person and grant expiration date.

Aspect of Project Related to Grant
Grant Source: _____
Grant Contact Person: _____
Grant Expiration Date: _____

5. Is this application for an authorization on Appendix A of the Land Use Policy? (For referenced list, see Appendix A of the Land Use Policy attached to GIF instructions) ☒ Yes ☐ No

Note: If "No" to Question 5, the application is not subject to the Land Use Policy.
If "Yes" to Question 5, the application is subject to this policy and the Applicant should answer the additional questions in the **Land Use Information** section.

LAND USE INFORMATION

Note: Applicants should submit copies of local land use approvals or other evidence of compliance with local comprehensive plans and zoning ordinances.

1.	**Is there an adopted county or multi-county comprehensive plan?**	☒	Yes	☐	No
2.	**Is there a county stormwater management plan?**	☒	Yes	☐	No
3.	**Is there an adopted municipal or multi-municipal comprehensive plan?**	☒	Yes	☐	No
4.	**Is there an adopted county-wide zoning ordinance, municipal zoning ordinance or joint municipal zoning ordinance?**	☒	Yes	☐	No
5.	**Does the proposed project meet the provisions of the zoning ordinance or does the proposed project have zoning approval?** If zoning approval has been received, attach documentation.	☒	Yes	☐	No
6.	**Have you attached Municipal and County Land Use Letters for the project?**	☐	Yes	☒	No

Note: If the Applicant answers "No" to either Questions 1, 3 or 4, the provisions of the PA MPC are not applicable and the Applicant does not need to respond to questions 5 and 6 below.
If the Applicant answers "Yes" to questions 1, 3 and 4, the Applicant should respond to questions 5 and 6 below.

* This Project is regulated by the Federal Energy Regulatory Commission (FERC) under the Natural Gas Act. FERC has exclusive jurisdiction over siting of the Project, therefore, local zoning is preempted.

COORDINATION INFORMATION

Note: The PA Historical and Museum Commission must be notified of proposed projects in accordance with DEP Technical Guidance Document 012-0700-001 utilizing the Project Review Form.

If the activity will be a mining project (i.e., mining of coal or industrial minerals, coal refuse disposal and/or the operation of a coal or industrial minerals preparation/processing facility), respond to questions 1.0 through 2.5 below.

If the activity will not be a mining project, skip questions 1.0 through 2.5 and begin with question 3.0.

1.0	**Is this a coal mining project?** If "Yes", respond to 1.1-1.6. If "No", skip to Question 2.0.	☐	Yes	☒	No
1.1	**Will this coal mining project involve coal preparation/ processing activities in which the total amount of coal prepared/processed will be equal to or greater than 200 tons/day?**	☐	Yes	☐	No
1.2	**Will this coal mining project involve coal preparation/ processing activities in which the total amount of coal prepared/processed will be greater than 50,000 tons/year?**	☐	Yes	☐	No
1.3	**Will this coal mining project involve coal preparation/ processing activities in which thermal coal dryers or pneumatic coal cleaners will be used?**	☐	Yes	☐	No
1.4	**For this coal mining project, will sewage treatment facilities be constructed and treated waste water discharged to surface waters?**	☐	Yes	☐	No
1.5	**Will this coal mining project involve the construction of a permanent impoundment meeting one or more of the following criteria: (1) a contributory drainage area exceeding 100 acres; (2) a depth of water measured by the upstream toe of the dam at maximum storage elevation exceeding 15 feet; (3) an impounding capacity at maximum storage elevation exceeding 50 acre-feet?**	☐	Yes	☐	No
1.6	**Will this coal mining project involve underground coal mining to be conducted within 500 feet of an oil or gas well?**	☐	Yes	☐	No
2.0	**Is this a non-coal (industrial minerals) mining project?** If "Yes", respond to 2.1-2.6. If "No", skip to Question 3.0.	☐	Yes	☒	No
2.1	**Will this non-coal (industrial minerals) mining project involve the crushing and screening of non-coal minerals other than sand and gravel?**	☐	Yes	☐	No
2.2	**Will this non-coal (industrial minerals) mining project involve the crushing and/or screening of sand and gravel with the exception of wet sand and gravel operations (screening only) and dry sand and gravel operations with a capacity of less than 150 tons/hour of unconsolidated materials?**	☐	Yes	☐	No
2.3	**Will this non-coal (industrial minerals) mining project involve the construction, operation and/or modification of a portable non-metallic (i.e., non-coal) minerals processing plant under the authority of the General Permit for Portable Non-metallic Mineral Processing Plants (i.e., BAQ-PGPA/GP-3)?**	☐	Yes	☐	No
2.4	**For this non-coal (industrial minerals) mining project, will sewage treatment facilities be constructed and treated waste water discharged to surface waters?**	☐	Yes	☐	No
2.5	**Will this non-coal (industrial minerals) mining project involve the construction of a permanent impoundment meeting one or more of the following criteria: (1) a contributory drainage area exceeding 100 acres; (2) a depth of water measured by the upstream toe of the dam at maximum storage elevation exceeding 15 feet; (3) an impounding capacity at maximum storage elevation exceeding 50 acre-feet?**	☐	Yes	☐	No

3.0	**Will your project, activity, or authorization have anything to do with a well related to oil or gas production, have construction within 200 feet of, affect an oil or gas well, involve the waste from such a well, or string power lines above an oil or gas well?** If "Yes", respond to 3.1-3.3. If "No", skip to Question 4.0.	☐	Yes	☒	No
3.1	**Does the oil- or gas-related project involve any of the following: placement of fill, excavation within or placement of a structure, located in, along, across or projecting into a watercourse, floodway or body of water (including wetlands)?**	☐	Yes	☐	No
3.2	**Will the oil- or gas-related project involve discharge of industrial wastewater or stormwater to a dry swale, surface water, ground water or an existing sanitary sewer system or storm water system?** If "Yes", discuss in *Project Description*.	☐	Yes	☐	No
3.3	**Will the oil- or gas-related project involve the construction and operation of industrial waste treatment facilities?**	☐	Yes	☐	No
4.0	**Will the project involve a construction activity that results in earth disturbance?** If "Yes", specify the total disturbed acreage.	☒	Yes	☐	No
	4.0.1 Total Disturbed Acreage + / - 672				
	4.0.2 Will the project discharge or drain to a special protection water (EV or HQ) or an EV wetland?	☒	Yes	☐	No
	4.0.3 Will the project involve a construction activity that results in earth disturbance in the area of the earth disturbance that are contaminated at levels exceeding residential or non-residential medium-specific concentrations (MSCs) in 25 Pa. Code Chapter 250 at residential or non-residential construction sites, respectively?	☐	Yes	☒	No
5.0	**Does the project involve any of the following: water obstruction and/or encroachment, wetland impacts, or floodplain project by the Commonwealth/political subdivision or public utility?** If "Yes", respond to 5.1-5.7. If "No", skip to Question 6.0.	☒	Yes	☐	No
5.1	**Water Obstruction and Encroachment Projects – Does the project involve any of the following: placement of fill, excavation within or placement of a structure, located in, along, across or projecting into a watercourse, floodway or body of water?**	☒	Yes	☐	No
5.2	**Wetland Impacts – Does the project involve any of the following: placement of fill, excavation within or placement of a structure, located in, along, across or projecting into a wetland?**	☒	Yes	☐	No
5.3	**Floodplain Projects by the Commonwealth, a Political Subdivision of the Commonwealth or a Public Utility – Does the project involve any of the following: placement of fill, excavation within or placement of a structure, located in, along, across or projecting into a floodplain?**	☐	Yes	☒	No
5.4	**Is your project an interstate transmission natural gas pipeline?**	☒	Yes	☐	No
5.5	**Does your project consist of linear construction activities which result in earth disturbance in two or more DEP regions AND three or more counties?**	☒	Yes	☐	No
5.6	**Does your project utilize Floodplain Restoration as a best management practice for Post Construction Stormwater Management?**	☐	Yes	☒	No
5.7	**Does your project utilize Class V Gravity / Injection Wells as a best management practice for Post Construction Stormwater Management?**	☐	Yes	☒	No
6.0	**Will the project involve discharge of construction related stormwater to a dry swale, surface water, ground water or separate storm water system?**	☒	Yes	☐	No

6.1	**Will the project involve discharge of industrial waste stormwater or wastewater from an industrial activity or sewage to a dry swale, surface water, ground water or an existing sanitary sewer system or separate storm water system?**	☒	Yes	☐	No
7.0	**Will the project involve the construction and operation of industrial waste treatment facilities?**	☐	Yes	☒	No
8.0	**Will the project involve construction of sewage treatment facilities, sanitary sewers, or sewage pumping stations?** If "Yes", indicate estimated proposed flow (gal/day). Also, discuss the sanitary sewer pipe sizes and the number of pumping stations/treatment facilities/name of downstream sewage facilities in the *Project Description*, where applicable.	☐	Yes	☒	No
	8.0.1 Estimated Proposed Flow (gal/day)				
9.0	**Will the project involve the subdivision of land, or the generation of 800 gpd or more of sewage on an existing parcel of land or the generation of an additional 400 gpd of sewage on an already-developed parcel, or the generation of 800 gpd or more of industrial wastewater that would be discharged to an existing sanitary sewer system?**	☐	Yes	☒	No
	9.0.1 Was Act 537 sewage facilities planning submitted and approved by DEP? If "Yes" attach the approval letter. Approval required prior to 105/NPDES approval.	☐	Yes	☐	No
10.0	**Is this project for the beneficial use of biosolids for land application within Pennsylvania?** If "Yes" indicate how much (i.e. gallons or dry tons per year).	☐	Yes	☒	No
	10.0.1 Gallons Per Year (residential septage)				
	10.0.2 Dry Tons Per Year (biosolids)				
11.0	**Does the project involve construction, modification or removal of a dam?** If "Yes", identify the dam.	☐	Yes	☒	No
	11.0.1 Dam Name				
12.0	**Will the project interfere with the flow from, or otherwise impact, a dam?** If "Yes", identify the dam.	☐	Yes	☒	No
	12.0.1 Dam Name				
13.0	**Will the project involve operations (excluding during the construction period) that produce air emissions (i.e., NOX, VOC, etc.)?**	☒	Yes	☐	No
	13.0.1 If "Yes", is the operation subject to the agricultural exemption in 35 P.S. § 4004.1?	☐	Yes	☒	No

13.0.2 If the answer to 13.0.1 is "No", identify each type of emission followed by the estimated amount of that emission.

Enter all types & amounts of emissions; separate each set with semicolons.

Summary of Compressor Station 515 Estimated Net Operational Potential to Emit (PTE): NOx - 196.8; CO - 314.40; VOC - 50.6; SO2 - 14.0; PM10/PM2.5 - 30.6; Single HAP (formaldehyde)- 8.7; Total HAP - 12.2; CO2e - 511,413 = Annual (tpy)

Summary of Pipeline and M&R Station Estimated Operational Potential to Emit (PTE): VOC - 1.17; Single HAP - 0.20; Total HAP - 0.20; CO2e - 5460.47 = Annual (tpy)

Modifications to Compressor Station 195 and Compressor Station 200 only include uprating existing electric motor-driven compression capacity or piping and valve modifications; therefore, Transco anticipates these facilities will have insignificant operational emissions.

14.0	**Does the project include the construction or modification of a drinking water supply to serve 15 or more connections or 25 or more people, at least 60 days out of the year?** If "Yes", check all proposed sub-facilities.	☐	Yes	☒	No
	14.0.1 Number of Persons Served _____				
	14.0.2 Number of Employee/Guests _____				
	14.0.3 Number of Connections _____				
	14.0.4 Sub-Fac: Distribution System	☐	Yes	☐	No
	14.0.5 Sub-Fac: Water Treatment Plant	☐	Yes	☐	No
	14.0.6 Sub-Fac: Source	☐	Yes	☐	No
	14.0.7 Sub-Fac: Pump Station	☐	Yes	☐	No
	14.0.8 Sub Fac: Transmission Main	☐	Yes	☐	No
	14.0.9 Sub-Fac: Storage Facility	☐	Yes	☐	No
15.0	**Will your project include infiltration of storm water or waste water to ground water within one-half mile of a public water supply well, spring or infiltration gallery?**	☒	Yes	☐	No
16.0	**Is your project to be served by an existing public water supply?** If "Yes", indicate name of supplier and attach letter from supplier stating that it will serve the project.	☐	Yes	☒	No
	16.0.1 Supplier's Name _____				
	16.0.2 Letter of Approval from Supplier is Attached	☐	Yes	☐	No
17.0	**Will this project be served by on-lot drinking water wells?**	☐	Yes	☒	No
18.0	**Will this project involve a new or increased drinking water withdrawal from a river, stream, spring, lake, well or other water bod(ies)?** If "Yes", reference Safe Drinking Water Program.	☐	Yes	☒	No
	18.0.1 Source Name				
19.0	**Will the construction or operation of this project involve treatment, storage, reuse, or disposal of waste?** If "Yes", indicate what type (i.e., hazardous, municipal (including infectious & chemotherapeutic), residual) and the amount to be treated, stored, re-used or disposed.	☐	Yes	☒	No
	19.0.1 Type & Amount				
20.0	**Will your project involve the removal of coal, minerals, contaminated media, or solid waste as part of any earth disturbance activities?**	☐	Yes	☒	No
21.0	**Does your project involve installation of a field constructed underground storage tank?** If "Yes", list each Substance & its Capacity. **Note:** Applicant may need a Storage Tank Site Specific Installation Permit.	☐	Yes	☒	No
	21.0.1 Enter all substances & capacity of each; separate each set with semicolons.				
22.0	**Does your project involve installation of an aboveground storage tank greater than 21,000 gallons capacity at an existing facility?** If "Yes", list each Substance & its Capacity. **Note:** Applicant may need a Storage Tank Site Specific Installation Permit.	☐	Yes	☒	No
	22.0.1 Enter all substances & capacity of each; separate each set with semicolons.				
23.0	**Does your project involve installation of a tank greater than 1,100 gallons which will contain a highly hazardous substance as defined in DEP's Regulated Substances List, 2570-BK-DEP2724?** If "Yes", list each Substance & its Capacity. **Note:** Applicant may need a Storage Tank Site Specific Installation Permit.	☐	Yes	☒	No
	23.0.1 Enter all substances & capacity of each; separate each set with semicolons.				

24.0	**Does your project involve installation of a storage tank at a new facility with a total AST capacity greater than 21,000 gallons?** If "Yes", list each Substance & its Capacity. **Note:** Applicant may need a Storage Tank Site Specific Installation Permit. **24.0.1 Enter all substances & capacity of each; separate each set with semicolons.**	☐	Yes	☒	No

NOTE: If the project includes the installation of a regulated storage tank system, including diesel emergency generator systems, the project may require the use of a Department Certified Tank Handler. For a full list of regulated storage tanks and substances, please go to www.dep.pa.gov search term storage tanks

25.0	**Will the intended activity involve the use of a radiation source?**	☐	Yes	☒	No

CERTIFICATION

I certify that I have the authority to submit this application on behalf of the applicant named herein and that the information provided in this application is true and correct to the best of my knowledge and information.

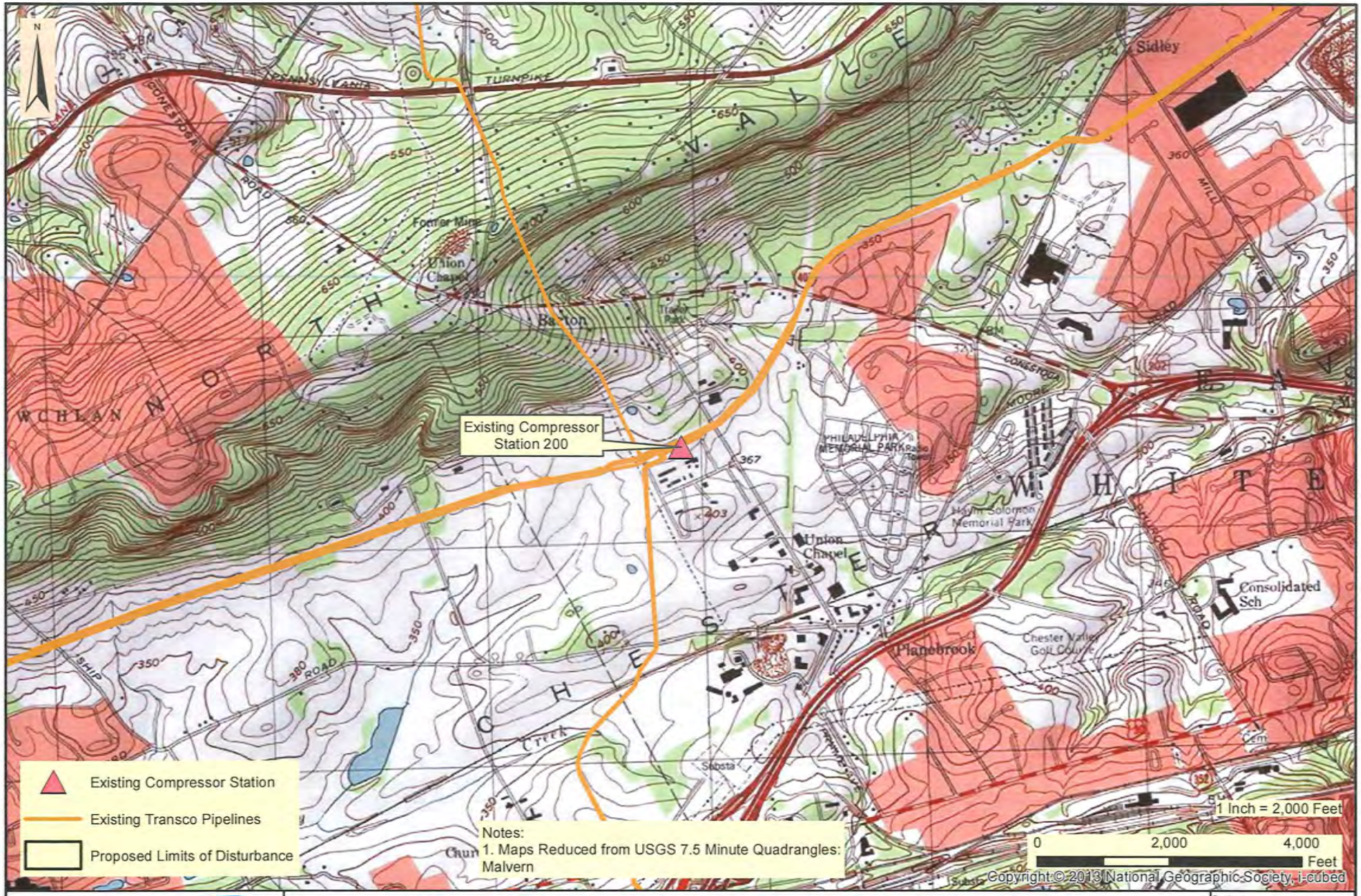
For applicants supplying an EIN number: I am applying for a permit or authorization from the Pennsylvania Department of Environmental Protection (DEP). As part of this application, I will provide DEP with an accurate EIN number for the applicant entity. By filing this application with DEP, I hereby authorize DEP to confirm the accuracy of the EIN number provided with the Pennsylvania Department of Revenue. As applicant, I further consent to the Department of Revenue discussing the same with DEP prior to issuance of the Commonwealth permit or authorization.

Type or Print Name Joseph Dean

Signature	Title	Date
	Manager, Permitting	02/24/2022

GIF Supporting Information

Project Component	Site	Site Location City	ZIP Code	Detailed Written Directions to Site	Latitude / Longitude
Effort Loop	Eastern Terminus	Saylorsburg	18353	From 209: heading East – Turn Right onto Frable Rd/T432. Follow for 1.7 miles. Turn Right onto Meixsell Valley Road/T361. Follow for .2 miles then turn left. Destination is in ~340 feet. Heading West-Turn Left onto Rte 115. Follow for 1.1 miles, then turn right onto Meixsell Valley Rd/T361. Continue for 1.4 miles then turn left. Destination is in ~340 feet.	40.896796, -75.370606
	Western Terminus	Long Pond	18334	From I-80: Heading East- Take exit 284 for PA-115 towards Blakeslee. Keep right at the fork, follow signs for Lake Harmony/Brodheadsville and merge on PA-115 S. Follow for 3.2 miles. Turn Left onto Long Pond Road. Destination will be in ~.2 miles. Heading West- Take exit 384 for PA-115 S. Turn left onto PA-115 S. Follow for 3.4 miles. Turn Left onto Long Pond Rd. Destination will be in ~.2 miles.	41.053413, -75.526178
Regional Energy Lateral	Eastern Terminus	White Haven	18661	From I-80: Heading West-Take exit 284 towards Blakeslee. Merge onto PA-115 N. Follow for 8.2 Miles. Turn Right onto Ridgeway Ave. Destination will be in .2 miles. Heading East- Take exit 284 towards Blakeslee. Turn left onto PA-115 N. Follow for 8.4 miles. Turn Right onto Ridgeway Ave. Destination will be in .2 miles. From I-476: Heading South- Take exit 105 to merge onto PA-115 S. Follow PA-115 S for 8.4 miles. Turn left onto Ridgeway Ave. Destination will be in .2 Miles	41.173337, -75.671706
	Western Terminus	Dallas	18612	From PA-309: Heading South-Head South on PA-309 S toward Dallas RV and MHP. Turn Left onto Hildebrandt Rd. Follow for .4 miles then turn right onto Conyngham Ave. Follow for .4 miles. Continue onto Fairground Road. Destination will be to the left in .2 Miles. Heading North-Head North on PA-309 N toward Grandview Ave. Turn right onto Hildebrandt Rd. Follow for .4 miles then turn right onto Conyngham Ave. Follow for .4 miles. Continue onto Fairground Road. Destination will be to the left in .2 Miles.	41.346917, -75.946263
Compressor Station 515		White Haven	18661	Same as REL Eastern Terminus	41.173337, -75.671706
Compressor Station 200		Frazer	19355	From I-76: East Bound- Take exit 312 toward PA-100 S/Pottstown Pike (Toll Rd). Keep left at the fork and follow signs for PA-100 S/Downingtown and merge onto PA-100 S/Pottstown Pike. Follow for 2.5 miles. Turn left onto N. Ship Rd and follow for .6 miles. Turn left onto Valley Hill Rd and follow for 1.7 miles. Turn right onto PA-401 E. Follow for .5 miles then turn right onto Bacton Hill Rd. Destination will be in .5 Miles. Heading West-Take exit 320 toward Melvern Turn left onto PA-29 S. Turn right at the 1st cross street onto Flat Rd. Turn right onto Sidley Road and then in .4 miles, turn left onto Phoenixville Pike. In .9 miles turn right onto PA-401 W and follow for 1 mile. Turn left onto N. Bacton Hill Road. Destination will be on the right in .5 miles.	40.049969, -75.585849
Delaware River Regulator/Lower Mud Run Meter Station		Easton	18040	To Delaware River Regulator- From 22: East Bound- Take the 4th Street/PA-248 Exit toward PA-611. Turn Left onto PA-248 E/Bushkill St. Follow for .4 miles then turn left onto PA-611 N. Keep right to continue on PA-611 N/N Delaware Dr and follow for 5 miles. Turn Left onto Lower Mud Run Rd. Destination will be on the left in .4 miles. To Lower Mud Run Meter Station- Head +/- 200' northwest from the Delaware River Regulator. The site is immediately adjacent to Delaware River Regulator.	40.762166, -75.19644/ 40.762706, -75.197631
Main Line A Regulator		Washington Crossing	18977	From I-295: Take exit 10 toward New Hope. Turn left onto Taylorsville Rd. Continue straight to stay on Taylorsville Rd. In .9 miles turn right onto Mt Eyre Rd. Follow for .2 miles then turn right onto PA-32 S. The destination will be on the right in 407 feet.	40.268063, -74.857125



M:\GIS\PROJECTS\REGIONAL_ENERGY_ACCESS\PROJECT LOCATION MAPPING\REVISED_MAPPING_APRIL_2020\REA_CompressorStation200_ProjectLocation_8x11.mxd

Williams®

TRANSCONTINENTAL GAS PIPE LINE COMPANY, LLC

REGIONAL ENERGY ACCESS EXPANSION PROJECT

EXISTING COMPRESSOR STATION 200

PROJECT LOCATION MAP

EAST WHITELAND TOWNSHIP | CHESTER COUNTY | PENNSYLVANIA

Date: 2/10/2022

Drawn By: FTN

Figure Number: CS200-1

SECTION 1.6.4
NORTHAMPTON COUNTY
(DELAWARE RIVER REGULATOR)

COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
BUREAU OF CLEAN WATER

MUNICIPAL NOTIFICATION OF PLANNED LAND DEVELOPMENT FOR CHAPTER 102 PERMITS

PROJECT INFORMATION (COMPLETED BY APPLICANT)

Applicant Name:	**Transcontinental Gas Pipe Line Company, a subsidiary of Williams Partners, L.P.**	Contact Name:	**Joseph Dean** **Manager-Permitting**
Applicant Address:	**2800 Post Oak Blvd, Level 11**	Contact Phone:	**(713) 215-3427**
Applicant City, State, ZIP:	**Houston, TX 77056**	County:	**Northampton**
		Municipality:	**Lower Mt. Bethel**

Description of Proposed Land Development and Stormwater Controls:

The existing Delaware River Regulator component of the Regional Energy Access Expansion Project is proposed to upsize the existing control valves. E&S BMP's are proposed.

Project Area: **11.28** acres ☐ Phased

Disturbance: **3.25** acres

Surface Waters Receiving Stormwater Discharges:

Mud Run

Tax Parcel ID(s) Affected by Proposed Land Development:

H10 7 2 0117, H10 6 15 0117, H10 6 15A 0117, H10 7 1A 0117, H10 7 3 0117

Discharge to: ☐ MS4 ☐ Other SS ☐ CSS

The following information was submitted to the municipality for this project:

☐ Land Development / Subdivision Plan ☒ E&S Plan ☐ PCSM Plan ☐ Other:

***On March 31, 2021 Transco submitted to you its E&S and PCSM Plans (Plans) as part of the ESCGP-3 permit application notification. The purpose of this notice is to let you know that Transco will be submitting an Erosion and Sediment Control Permit for Discharges of Stormwater Associated with Construction Activities Application to the PA Dept. of Environmental Protection to replace the ESCGP-3 application. Please refer to the previously submitted Plans.**

MUNICIPAL PLAN / ORDINANCE INFORMATION (COMPLETED BY MUNICIPALITY)		
1. Is there an adopted municipal or multi-municipal comprehensive plan?	☐ Yes	☐ No
2. Is there an enacted municipal or multi-municipal zoning ordinance?	☐ Yes	☐ No
3. If Yes to #2, is the proposed project consistent with the ordinance?	☐ Yes	☐ No
4. Is there a municipal stormwater management ordinance?	☐ Yes	☐ No
5. If Yes to #4, is the proposed project consistent with the ordinance, without waiver?	☐ Yes	☐ No

6. If Yes to #4, indicate type of ordinance: ☐ Act 167 Model Ordinance ☐ DEP Model Ordinance (MS4s) ☐ Other

APPLICANT CERTIFICATION	MUNICIPAL ACKNOWLEDGEMENT
I certify under penalty of law (see 18 Pa.C.S. § 4904 (relating to unsworn falsification)) that the information reported herein was prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the information, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.	The municipality acknowledges that a permit application for the above-referenced project has been submitted to a reviewing agency and that notification requirements of Act 14 of 1984 and Acts 67, 68, and 127 of 2000 have been satisfied. The information reported herein by the municipality is true and accurate. The municipality reserves the right to comment to the reviewing agency relative to comprehensive plans, zoning, and stormwater ordinance consistency. Municipal acknowledgment of receipt of notification shall not be construed as project approval.

Joseph Dean

Applicant Name

Municipal Representative Name

Applicant Signature

Municipal Representative Signature

Manager - Permitting

Applicant Title

Municipal Representative Title

07/01/2021

Date of Signature

Date of Signature

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Ship To:	LOWER MOUNT BETHEL TOWNSHIP SUPERV 2004 HUTCHINSON AVENUE BANGOR, PA 18013 US
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March 31, 2021

UPS TRACKING (1Z8797VV0391371332)

Lower Mount Bethel Township Supervisors
2004 Hutchison Avenue
Bangor, PA 18013

Re: Regional Energy Access Expansion Project – Delaware River Regulator
Pennsylvania Acts 14, 67, 68, and 127 Notification
Lower Mount Bethel Township, Northampton County, Pennsylvania

Dear Township Supervisors:

This municipal notice, under the requirements of Act 14, 97 P.S. § 510-5, is to inform you that Transcontinental Gas Pipe Line Company, LLC (Transco), a subsidiary of The Williams Companies, Inc. (Williams) is applying for coverage under the Erosion and Sediment Control General Permit (ESCGP-3) for Earth Disturbance Associated with Oil & Gas Exploration, Production, Processing or Treatment Operations or Transmission Facilities from the Pennsylvania Department of Environmental Protection (DEP).

1) Project Name: Regional Energy Access Expansion Project – Delaware River Regulator

2) Project Description: Transco, indirectly owned by The Williams Companies, Inc. (Williams), is seeking authorization from the Federal Energy Regulatory Commission (FERC or Commission) under Section 7(c) of the Natural Gas Act and Part 157 of the Commission's regulations, to construct, own, operate, and maintain the proposed Project facilities. The Project is an expansion of Transco's existing natural gas transmission system that will enable Transco to provide an incremental 829,400 dekatherms per day (Dth/d) of year-round firm transportation capacity from the Marcellus Shale production area in northeastern Pennsylvania (PA) to multiple delivery points along Transco's Leidy Line in PA, Transco's mainline at the Station 210 Zone 6 Pooling Point in Mercer County, New Jersey (NJ) and multiple delivery points in Transco's Zone 6 in NJ, PA, and Maryland (MD).

The existing Delaware River Regulator component of the Project is located in Lower Mt. Bethel Township, Northampton County. Proposed are facility modifications to upsize the existing control valves.

3) Applicant Name: Transcontinental Gas Pipe Line Company, LLC's (Transco), a subsidiary of Williams Partners L.P. (Williams)

4) Applicant Contact: Joseph Dean
Environmental Manager
2800 Post Oak Blvd, Level 11
Houston, TX 77056
(713) 215-3417

5) Site Location: The proposed Project is located on the Bangor, Pennsylvania, 7.5 Minute USGS quadrangle at 40°45'43.76"N, 75°11'47.46"W.

6) Municipality / County: Lower Mount Bethel Township, Northampton County

Act 14, which amended the Commonwealth's Administrative Code (71 P.S. § 510-5), requires every applicant for a new, amended, or revised permit to give written notice to each municipality (borough, township) and county government in which the facility is located. The municipality and county government must receive the written notice at least thirty (30) - days before DEP may issue or deny approval of coverage.

Enclosed is a complete copy of the Notice of Intent (NOI) completed for the project as well as copies of the erosion and sediment control plans.

Sincerely,

Ryan J. Nelson, PWS
WHM Consulting, LLC

Enclosures:
NOI Form
Erosion and Sediment Control Plan Drawings

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WHM CONSULTING, INC

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Number of Packages:	1
UPS Service:	UPS Ground
Package Weight:	1.0 LBS
Reference Number:	WILLIAMS 20-266, TASK 2

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pennsylvania
DEPARTMENT OF ENVIRONMENTAL PROTECTION

COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
OFFICE OF WATER PROGRAMS
OFFICE OF OIL AND GAS MANAGEMENT

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NOTICE OF INTENT (NOI) FOR COVERAGE UNDER THE EROSION AND SEDIMENT CONTROL GENERAL PERMIT (ESCGP-3) FOR EARTH DISTURBANCE ASSOCIATED WITH OIL AND GAS EXPLORATION, PRODUCTION, PROCESSING, OR TREATMENT OPERATIONS OR TRANSMISSION FACILITIES

READ THE INSTRUCTIONS PROVIDED IN THIS PERMIT APPLICATION PACKAGE BEFORE COMPLETING THIS FORM. PLEASE PRINT OR TYPE INFORMATION IN BLACK OR BLUE INK.

SECTION A. APPLICATION TYPE

Check one:

NEW ☒ **RENEWAL** ☐ **MAJOR MODIFICATIONS (Provide ESCGP number)** ☐

PHASED ☐ (check only if applicable; *note: Most projects are not submitted as phased projects*)

Check one: EXPEDITED ☐ **STANDARD** ☒

If an Expedited Review Process being requested, be advised that the Expedited Review is not available for all projects. Refer to Section D - Expedited Review Process of the ESCGP-3 NOI Instructions to determine if the project is eligible.

SECTION B. CLIENT INFORMATION

Applicant's Last Name (If applicable)	First Name	MI	Telephone No.
Organization Name or Registered Fictitious Name Transcontinental Gas Pipe Line Company, LLC (Contact: Joseph Dean)			Telephone No. (713) 215-3427
DEP Client ID No.			
Headquarters Mailing Address 2800 Post Oak Blvd, Level 11	City Houston	State TX	ZIP Code 77056
Email Address Joseph.Dean@williams.com			
Co-Applicant's Last Name (If applicable)	First Name	MI	Telephone No.
Organization Name or Registered Fictitious Name			Telephone No.

Address	City	State	ZIP Code
Email Address			

SECTION C. SITE INFORMATION			
Is there an existing ESCGP associated with this site? ☐ Yes ☒ No If yes, Permit No. _____			
Has a well permit application been submitted for this site? ☐ Yes ☒ No If yes, Permit No. _____ Does this site have a 911 address? ☐ Yes ☒ No If yes, provide site location address.			
Site Name Regional Energy Access Expansion Project			
Site Location See Attachment 1-1.1- NOI Supporting Information	Site No. (if another permit has been issued for the site)		
Site Location – City See Attachment 1-1.1- NOI Supporting Information		State PA	ZIP Code
Detailed Written Directions to Site See Attachment 1-1.1- NOI Supporting Information for locations of all project sites			

Primary Location	County	Municipality	City	Boro	Twp.
	Luzerne, Northhampton, Bucks, Chester, and Monroe	Buck, Bear Creek, Plains, Jenkins, Kingston, Lower Mt. Bethel, Ross, Chestnut Hill, Tunkhannock, Lower Makefield, East Whiteland and Dallas Townships Wyoming, West Wyoming, and Laflin Boroughs	☐	☒	☒

SECTION D. EXPEDITED REVIEW	
I. Expedited Review Eligibility	
1. Is any part of the project in the watershed of a surface water with an existing or designated use of exceptional value or high quality pursuant to Chapter 93 (relating to water quality standards), in an exceptional value wetland in accordance with 25 Pa. Code § 105.17, or in the watershed of an impaired surface water where the cause of the impairment is identified as siltation?	☒ Yes ☐ No
2. Will the project in which the well pad will be constructed be in or on a floodplain?	☐ Yes ☒ No
3. Is any earth disturbance located or proposed to be located on land known to be contaminated by the release of regulated substances as defined in Section 103 of Act 2, 35 P.S. § 6026.103?	☐ Yes ☒ No
4. Will naturally occurring geologic formations or soil conditions provide hazards to the project or surrounding environment or have the potential to cause or contribute to pollution when disturbed?	☒ Yes ☐ No
5. Do any unresolved non-compliance issues exist with the applicant or the facility?	☐ Yes ☒ No
6. Is the project a transmission project?	☒ Yes ☐ No

If yes to any of the above questions the project is not eligible for Expedited Review; If the project is eligible for Expedited Review, all the following items must be completed.	
II. Expedited Review Process	
1. Is the technically and administratively complete and accurate NOI package prepared and certified by a licensed professional?	☐ Yes ☐ No
2. Are E&S and PCSM/Site Restoration Plan drawings and narrative prepared and sealed by a licensed professional? *(Include interim restoration details when needed)*	☐ Yes ☐ No
3. Include a Resource Delineation Report and answer the following questions: (If the answer to question a. is "Yes" then skip to #4. If the answer to a. is "No" the applicant must answer "Yes" to at least one of the questions, b. through d. to be eligible for expedited review.)	
a. Were all wetland resources delineated during the growing season?	☐ Yes ☐ No
b. If not during the growing season, was a follow-up visit conducted during the growing season to verify/adjust boundaries and look for potentially missed resources?	☐ Yes ☐ No
c. Was a quality assurance field review conducted at a later date by an independent qualified wetland professional to verify boundaries and look for potentially missed resources? (If yes, attach Quality Assurance Field Review Report)	☐ Yes ☐ No
d. Was a Jurisdictional Determination (JD) or Preliminary JD conducted by the US Army Corps of Engineers on the whole project? (If yes, attach Preliminary or Jurisdictional Determination Report)	☐ Yes ☐ No
4. If applicable, have you included PNDI clearance letters or other documentation from applicable resource agencies?	☐ Yes ☐ No
5. If the project site contains, is along, or within 100 feet of a river, stream, creek, lake, pond or reservoir, will you establish new or preserve existing riparian forest buffer at least 100 feet in width between the top of streambank or normal pool elevation of a lake, pond or reservoir and areas of earth disturbances. If no, will a waiver be obtained? ☐ Yes ☐ No	☐ Yes ☐ No
6. Name of Licensed Professional Company	
Address	
Phone	

SECTION E. PROJECT INFORMATION			
1. Total Project Area/Project Site (Ac):	1,346 (Also see Attachment 1-1.1)	Total Disturbed Area (Ac):	689.8 (Also see Attachment 1-1.1)
Increased disturbed acreage *(for permit modification only)*			
Fee: ***(For additional information regarding fees, refer to NOI Instructions #3 Permit NOI Filing Fees.)***			$ $500 (Filing Fee), $69,000 (Disturbed Acre Fee)
2. Project Name: Regional Energy Access Expansion Project			

3. Project Type (Check all that apply)

- ☐ Oil/Gas Well [1]
- ☐ Gathering Facility
- ☐ Treatment Facility
- ☒ Compressor Station
- ☒ Pipeline
- ☐ Storage Field Facility
- ☐ Other
- ☒ Transmission Facility
- ☐ Processing Facility
- ☐ Well Development Impoundment
- ☐ Non-FERC regulated Transmission Facility
- ☐ Ground/Surface Water Withdrawal Site

[1] If Oil/Gas Well; is the well conventional or unconventional? ☐ Conventional ☐ Unconventional

Project Description

Transco, indirectly owned by The Williams Companies, Inc. (Williams), is seeking authorization from the Federal Energy Regulatory Commission (FERC or Commission) under Section 7(c) of the Natural Gas Act and Part 157 of the Commission's regulations, to construct, own, operate, and maintain the proposed Project facilities

The Project is an expansion of Transco's existing natural gas transmission system that will enable Transco to provide an incremental 829,400 dekatherms per day (Dth/d) of year-round firm transportation capacity from the Marcellus Shale production area in northeastern Pennsylvania (PA) to multiple delivery points along Transco's Leidy Line in PA, Transco's mainline at the Station 210 Zone 6 Pooling Point in Mercer County, New Jersey (NJ) and multiple delivery points in Transco's Zone 6 in NJ, PA, and Maryland (MD). The Project will consist of the following components:
•Approximately 22.3 miles of 30-inch-diameter pipeline partially collocated with Transco's Leidy Line A from milepost (MP) 0.00 to MP 22.32 in Luzerne County, PA (Regional Energy Lateral);
• Approximately 13.8 miles of 42-inch-diameter pipeline collocated with Transco's Leidy Line System from MP 43.72 to MP 57.50 in Monroe County, PA (Effort Loop);
• New gas-fired turbine driven compressor station identified as Compressor Station 201 with 11,107 nominal horsepower (HP) at International Organization of Standardization (ISO) conditions in Gloucester County, NJ;
• Addition of two gas-fired turbine driven compressor units with 31,800 nominal HP at ISO conditions at existing Compressor Station 505 in Somerset County, NJ, to accommodate the abandonment and replacement of approximately 16,000 HP from eight existing internal combustion engine-driven compressor units and increase the certificated station compression by 15,800 HP;
• Addition of two gas-fired turbine driven compressor units with 63,742 nominal HP at ISO conditions and modification of three existing compressors at existing Compressor Station 515 in Luzerne County, PA to support the Project and to accommodate the abandonment and replacement of approximately 17,000 HP from five existing gas-fired reciprocating engine driven compressors and increase the certificated station compression by 46,742 HP;
• Uprate and rewheel two existing electric motor-driven compressor units at existing Compressor Station 195 in York County, PA to increase the certificated station compression by 5,000 HP and accommodate the abandonment of two existing gas-fired reciprocating engine driven compressors which total approximately 8,000 HP of compression;
•Modifications at existing Compressor Station 200 in Chester County, PA;
•Uprate one existing electric motor-driven compressor unit at Compressor Station 207 in Middlesex County, NJ to increase the certificated station compression by 4,100 HP;
• Modifications to three (3) existing pipeline tie-ins in PA (Hildebrandt Tie-in, Lower Demunds REL Tie-in, and Carverton Tie-in);
•Addition of regulation controls at an existing valve setting on Transco's Mainline "A" in Bucks County, PA (Mainline A Regulator);
•Modifications at the existing Delaware River Regulator in Northampton County, PA;
•Modifications at the existing Centerville Regulator in Somerset County, NJ;
•Modifications to the existing valves and piping at the Princeton Junction (Station 210 Pooling Point) in Mercer County, NJ;
• Modifications to three (3) existing delivery meter stations in NJ (Camden M&R Station, Lawnside M&R Station, and Mt. Laurel M&R Station);
•Modifications to one (1) existing delivery meter station in MD (Beaver Dam M&R Station);
•Contractual changes (no modifications) at ten (10) existing delivery meter stations in PA and NJ (Algonquin-Centerville Meter Station, Post Road Meter Station, New Village Meter Station, Spruce Run Meter Station, Marcus Hook Meter Station, Ivyland Meter Station, Repaupo Meter Station, Morgan Meter Station, Lower Mud Run Meter Station, and Chesterfield Meter Station);
• Additional ancillary facilities, such as mainline valves (MLVs), cathodic protection, communication facilities, and internal inspection device (e.g., pig) launchers and receivers in PA; and
• Existing, improved, and new access roads and contractor yards/staging areas in PA, NJ, and MD.
Provide the date of pre-application meeting (if conducted with the Department) 04/27/20, 07/09/20, 09/04/20, 09/30/20, 12/15/20, 12/16/20, 01/06/21, 02/05/21

4. Provide the latitude and longitude coordinates for the center of the project. The coordinates should be in Decimal degrees and North American Datum 1983. The coordinates must meet the current DEP policy regarding locational accuracy. For linear projects provide the project's termini. See Attachment 1-1.1

Latitude (DD) . Longitude (DD) - .

Latitude (DD) . Longitude (DD) - .

Horizontal Collection Method: ☐ GPS ☒ Interpolated from U.S.G.S. Topographic Map ☐ DEP's eMAP

5. U.S.G.S. 7.5 min. topographic quadrangle Name (See Attachment 1-1.1)
(*Include a copy of the project area on the 7.5 min quad map)*

6. Will the project be conducted as a phased permit project? ☐ Yes ☒ No
If Yes, Include Master Site Plan Estimated Timetable for Phased Projects. ☐ Additional sheet(s) attached.

Phase No. or Name	Description	Total Area	Disturbed Area	Start Date	End Date

7. List existing and previous land use for a minimum of the previous 5 years. (See Section 2 of this ESCGP-3 Application)

8. Other Pollutants: Will the stormwater discharge contain pollutional substances other than sediment? ☐ Yes ☒ No

9. Will fuels, chemicals, solvents, other hazardous waste or materials be used or stored on site during earth disturbance activities or will Horizontal Directional Drilling (HDD) activities be conducted?
Yes ☒ No ☐ ***(If yes, Preparedness, Prevention and Contingency (PPC) Plan must be maintained on site during earth disturbance. See NOI Instructions, E.9 PPC Plan Guidance for further information.)***

10. Is the project in the watershed of an impaired surface water where the cause of the impairment is identified as siltation?
Yes ☒ No ☐ (See Section 2-5 of this ESCGP-3 Application) ***(If yes, show how the project will not result in a net change in volume, rate or water quality. See section I below, and E.10 of NOI instructions.)***

11. Are there potentially hazardous naturally occurring geological or soil conditions in any portion of the project or surrounding area? Yes ☒ No ☐

If yes, do the potentially hazardous geologic or soil conditions have the potential to cause or contribute to pollution as a result of the proposed earth disturbance activities?

If no, provide an explanation.

If yes, Geologic Hazard Mitigation Plan must be attached and explain where in this application details are provided.

12. Has the Act 14 Municipal Notification and proof of receipt of notification been attached to the NOI?
Yes ☒ No ☐ ***(If not, the NOI is not complete, see E.12 and #4 Municipal Notification in the NOI Instructions for additional guidance.)***

13. Has the PNDI receipt been attached to the NOI?
Yes ☒ No ☐ ***(If not, the NOI is not complete, see E.13 and #5 PNHP in the NOI Instructions for additional guidance.)***

14. Have the E&S Plan and PCSM/SR Plan been planned and designed to be consistent?
Yes ☒ No ☐

15. Have existing and/or proposed Riparian Forest Buffers been identified?
Yes ☒ N/A ☐ ***(If yes, they must be shown on the E&S Plan as well as the PCSM/SR Plans.)***

16. Have antidegradation implementation requirements for special protection waters been addressed?
Yes ☒ No ☐ N/A ☐ ***(If yes, antidegradation requirements must be included in the plan.)***

17. Has the seasonal high groundwater level been identified and 20-inch separation established at all excavation locations for pits for conventional operations and Well Development Impoundments for unconventional operations?

    Yes ☐ No ☐ N/A ☒

18. Receiving Waters	Chapter 93, Designated Use Stream Classification	Chapter 93, Existing Use Stream Classification
Effort Loop- Lake Creek (HQ-CWF,MF) Princess Run (CWF,MF) Weir Creek (CWF,MF) McMichael Creek (EV, MF) and (HQ-CWF) Pohopoco Creek (CWF,MF) Sugar Hollow Creek (CWF,MF) Poplar Creek (EV,CWF,MF) Mud Run (HQ-CWF, MF) Mud Pond Run (HQ-CWF,EV,MF) Tunkhannock Creek (HQ-CWF,MF) Regional Energy Lateral- Stony Run (HQ-CWF,MF) Shades Creek (HQ-CWF,MF) Little Shades Creek (HQ-CWF,MF) Snider Run (HQ-CWF,MF) Meadow Run (HQ-CWF,MF) Bear Creek (HQ-CWF,MF) Little Bear Creek (HQ-CWF,MF) Mill Creek (CWF,MF) Gardner Creek (CWF,MF) Susquehanna River (WWF,MF) Abrahams Creek (CWF,MF) Toby Creek (CWF,MF) Trout Brook (CWF,MF) Compressor Station 515- Shades Creek (HQ-CWF,MF) Stony Run (HQ-CWF,MF) Compressor Station 200- Valley Creek (EV,MF) Delaware River Regulator- Mud Run (CWF, MF) Mainline "A" Regulator - Dyers Creek (WWF,MF) See Attachment 1-1.1 for detailed list.	☒ HQ ☒ EV ☒ Other CWF, MF, WWF ☒ Siltation-impaired	☐ HQ ☒ EV ☒ Other MF ☐ Siltation-impaired
	☐ HQ ☐ EV ☐ Other _____ ☐ Siltation-impaired	☐ HQ ☐ EV ☐ Other _____ ☐ Siltation-impaired

	☐ HQ ☐ EV ☐ Other _____ ☐ Siltation-impaired ☐ HQ ☐ EV ☐ Other _____ ☐ Siltation-impaired	☐ HQ ☐ EV ☐ Other _____ ☐ Siltation-impaired ☐ HQ ☐ EV ☐ Other _____ ☐ Siltation-impaired
Secondary Receiving Water	Secondary Chapter 93, Designated Use	Secondary Existing Use
Name of Municipal or Private Separate Storm Sewer Operator, if applicable.		
Non-Surface Receiving Water: (include off-site discharges)		

SECTION F. EROSION AND SEDIMENT CONTROL (E&S) PLAN

See the attached Instructions for additional guidance with E&S Plans

Erosion and Sediment Control Plan BMPs should be designed to minimize accelerated erosion and sedimentation through limiting the extent and duration of earth disturbance, protection of existing drainage and vegetation, limiting soil compaction and controlling the generation of increased runoff. The Department recommends the use of the *Pennsylvania Erosion & Sedimentation Pollution Control Program Manual (E&S Manual)* (363-2134-008) to achieve this goal. The E&S Plan must meet the requirements of Pa. Code § 102.4(b) and submitted with the NOI. Also, see section 2. of the NOI instruction for detailed information on completing the E&S plan and additional requirements.

a. E&S Plan Summary

Provide a summary of proposed E&S BMPs and their performance to manage E&S for the project.

Typical BMPs provided along the pipeline Right-Of-Way includes waterbars, trench plugs, compost filter socks, compost sediment traps, rock filter outlets, erosion control blankets, rock construction entrances, temporary equipment bridges, timber mats, diversion channels, level spreaders, mulch and seed. An appropraite sediment removal device (filter bag, dewatering structure) and well-vegetated area will be utilized for trench dewatering. In HQ, EV watersheds, appropriate Antidegradation Best Available Combination of Technologies (ABACT) BMPs will be utilized. Additional information regarding all the proposed BMPs are provided in the Erosion and Sedimentation Control and Site Restoration Plans of respective project components (Section 2 of this ESCGP-3 Application).

b. E&S Plan BMP Design

Check those that apply:

☒ E&S Plan is designed using BMPs in the *E&S Manual*.

☐ E&S Plan is designed using an alternative BMP or design standard approved by DEP.

Note: NOI packages submitted with alternate BMPs not approved by the Department will be returned to the Applicant.

c. Do you have any information regarding riparian buffer which differs from Section G, Riparian Buffer?

Yes ☐ No ☒

Explain:

d. Thermal Impacts Analysis

Explain how thermal impacts associated with this project were avoided, minimized, or mitigated.

Thermal impacts associated with Regional Energy Access Expansion Project will be avoided to the maximum extent possible. Minimum permanent changes in land cover are being proposed for constructing the pipeline facilities. Runoff from impervious areas added during the project will be suitably routed to Stormwater BMPs. Gravel will be used for access roads wherever practicable. To avoid thermal impacts arising from clearing and grading, removal of vegetation will be limited to only that necessary for construction and construction Right-Of-Way will be limited to 75 feet in wetlands and floodways where practical. Once construction activities are complete, disturbed areas will be restored to pre-construction contours and seeded as described in Erosion and Sediment Control and Site Restoration Plans. Temporary workspaces will be restored back with woody and herbaceous species. Thermal impacts assessments corresponding to each project component including pipelines and aboveground facilities are given in Section 2 and 3 of this ESCGP-3 Application.

e. Off-Site Discharge Analysis

Does the activity propose any off-site discharges to areas other than surface waters? ☒ Yes ☐ No

If yes, it is the applicant's responsibility to ensure that they have legal authority for any off-site discharge to neighboring properties.

The applicant must provide a demonstration in both E&S and PCSM/SR plans that the discharge will not cause erosion, damage, or a nuisance to off-site properties.

See Offsite Discharge Analysis Sections in E&S Narratives

SECTION G. RIPARIAN BUFFER

1. Will you be protecting, converting or establishing a voluntary riparian forest buffer as part of this project?
   ☐ Yes ☒ No
   If yes, as part of the PCSM/SR Plan, provide a Buffer Management Plan.
2. Will proposed earth disturbance activities be conducted in an EV or HQ watershed AND within 150 feet of a perennial or intermittent river, stream, or creek, or lake, pond, or reservoir? ☒ Yes ☐ No

   If no, proceed to the next section/module.
3. Does this project qualify for an exception (see § 102.14(d)(1))? ☒ Yes ☐ No

   If yes, indicate below the type of project for which the exception applies by marking the appropriate box.

   ☐ Oil and gas activities for which site reclamation or restoration is part of the permit authorization in Chapter 78 and 78a.

   ☒ Road maintenance activities.

   ☐ The repair or maintenance of existing pipelines and utilities.

   ☐ Other (see §102.14(d)(1))

   If exceptions are checked, explain how existing riparian buffer will be undisturbed to the extent practicable. Provide a demonstration that the requirements of §102.14(b) are met, or provide the necessary information to request a riparian buffer waiver.
4. Are you requesting a riparian buffer waiver for this project (see § 102.14(d)(2))? ☒ Yes ☐ No

   If yes, indicate below the type of project for which you are requesting a waiver by marking the appropriate box.

   ☒ Linear project that may include pipelines, public roadways, rail lines, or utility lines.

   ☒ Project is of a temporary nature where the site will be fully restored to its preexisting conditions during the ESCGP permit term.

   ☒ Project where compliance with mandatory riparian buffers is not appropriate or feasible due to site characteristics or existing structures at the project site.

   ☐ Other (see §102.14(d)(2)):

   If waivers are checked, explain how existing riparian buffers will be undisturbed to the extent practicable.

   Note: If “Yes” to #2 **AND** “No” to #3 and #4, provide an attachment to demonstrate how the requirements of §102.14 are met.

SECTION H. POST CONSTRUCTION STORMWATER MANAGEMENT (PCSM) AND/OR SITE RESTORATION(SR) PLAN

See NOI Instructions for additional guidance with PCSM Plans

PCSM/SR BMPs should be designed to use natural measures to eliminate pollution, infiltrate runoff, not require extensive construction/maintenance, promote pollutant reduction, and preserve the integrity of stream channels. All PCSM/SR BMPs proposed in the PCSM/SR Plan must be designed in accordance with Ch. 102, Ch. 78a for unconventional operations, Ch. 78 for conventional operations and the *Pennsylvania Stormwater Best Management Practices Manual (Stormwater BMP Manual)* (363-0300-002). If alternate design criteria are utilized for the proposed project, they must have prior approval by the Department, or the NOI Application will be returned to the Applicant.

After construction is completed, how much of the entire disturbed area will be restored to meadow in good condition or better, or existing conditions? ☐ All ☒ Partial ☐ None

Include PCSM narrative and drawings for remaining impervious area. Also include a map showing the proposed contours of the site restoration plan.

If there are additional stages of the project prior to permit termination or expiration, list the stages and provide the documents required by subsection 'a' to section 'g' for each stage (e.g. partial restoration or changes to the amount of compacted areas, gravel, and/or impervious areas). Upload a narrative for each additional stage in addition to the drawings.

EXAMPLE

Stage No	Stage Name	PCSM Plan	SR Plan
Stage 1		☐	☐
Stage 2		☐	☐
Stage 3		☐	☐
Stage 4		☐	☐

Act 167 Consistency. Check those that apply.

Is there an Act 167 Plan? ☒ Yes ☐ No

☒ The attached PCSM/SR Plan is consistent with an applicable approved Act 167 Plan.

Complete the following for all approved Act 167 Stormwater Management Plans. (Use additional sheets if necessary)

Act 167 Plan Name	Date Adopted	Consistency Letter Included	
Luzerne County Stormwater Management Ordinance	August 18, 2010	Verification Report Included	☒
Valley Creek Watershed Stormwater Management Plan	February 04, 2011		

Note: A consistency letter is not required if a verification report is provided. See NOI Instructions. The PCSM/SR Plan must satisfy either sub paragraph 1, 2, or 3 below. Check those that apply.

1. ☒ Act 167 Plan approvals on or after January 2005 – The attached PCSM/SR Plan, in its entirety, is consistent with all requirements pertaining to rate, volume, and water quality from an Act 167 Stormwater Management Plan approved by DEP on or after January 2005. Box 1 must be checked if a current, DEP approved Act 167 plan exists.

2. ☒ The PCSM/SR Plan meets the standard design criteria from sections 102.8(g)(2) and (3) and the *Stormwater BMP Manual*. For projects involving oil and gas activities authorized by a permit issued under Chapter 78 or Chapter 78a (well pads) or pipelines and other similar utility infrastructure, post construction stormwater management requirements are met for all areas that are restored to preconstruction conditions or to a condition of meadow in good condition or better. *[Note: PCSM plans must meet both the volume and rate requirements in the regulations, which are provided in the 2 sections mentioned in this paragraph].*

3. ☐ Alternative Design Standard – The attached PCSM/SR Plan was developed using approaches as provided in 102.8(g)(2)(iv) and 102.8(g)(3)(iii). Demonstrate/explain in the space provided below how this standard will be either more protective than what is required in 102.8(g)(2) and 102.8(g)(3) or will maintain and protect existing water quality and existing and designated uses.

PCSM/SR BMP Alternative Standards:

Has the alternative BMP or design standard been approved by the Department?

☐ Yes

☐ No – Do not submit the ESCGP-3 application and see Section (H) of the NOI Instructions concerning the alternative BMP approval process.

Water Quality Compliance:

Does the PCSM/SR plan comply with requirements for volume control? ☒ Yes ☐ No

If yes, is at least 90% of the disturbed area controlled by a PCSM BMP? ☒ Yes ☐ No

If yes, do you have the Standard PCSM Worksheet # 10 attached to show water quality compliance has achieved?
☒ Yes ☐ No

If no, attach Standard PCSM Worksheets # 12 and #13 to show water quality compliance has achieved.

If PCSM/SR plan is not complying with the requirements for volume control, attach Standard PCSM Worksheets # 11, # 12 and #13 to show water quality compliance has achieved.

a. PCSM/SR Plan Summary

Provide a summary of proposed BMPs and their performance to manage PCSM/SR for the project.

Along the pipeline Right-Of-Way, typical E&S BMPs such as waterbars and erosion control blanket will be left in place as part of site restoration. After construction activities are completed, temporary workspaces will be restored to meadow in good condition or better than existing conditions. For the aboveground facilities, PCSM BMPs such as infiltration basins, diversion channels and vegetated swales will be used and left in place as part of site restoration. Additional information regarding all the proposed BMPs are provided in the Post-Construction Stormwater Management Plans of respective project components (Section 3 of this ESCGP-3 Application).

Check all that apply ☒ PCSM BMPs ☒ SR BMPs

b. Do you have any information regarding riparian buffer which differs from what was submitted in the Section G, Riparian Buffer?

☐ Yes ☒ No

Explain:

c. Thermal Impacts Analysis

Explain how thermal impacts associated with this project were avoided, minimized, or mitigated.

Runoff collected in PCSM BMPS such as infiltration basins will mitigate thermal impacts from post construction stormwater. Runoff collected in infiltration basins are discharged to receiving waters are not expected to be retained for more than 24 hours. Minimum permanent changes in land cover are being proposed for constructing the pipeline facilities. Gravel will be used for access roads wherever practicable. Removal of trees and riparian vegetation and addition of impervious surfaces will be limited to only that necessary for construction. Once construction activities are complete, disturbed areas will be restored to pre-construction contours and seeded as described in Erosion and Sedimental Control and Site Restoration Plans. Temporary workspaces will be restored back with woody and herbaceous species. Thermal impacts assessments correspoding to each project component including pipelines and aboveground facilities are given in Section 2 and 3 of this ESCGP-3 Application.

d. Off-Site Discharge Analysis.

Does the activity propose any off-site discharges to areas other than surface waters? ☒ Yes ☐ No

If yes, it is the applicant's responsibility to ensure that they have legal authority for any off-site discharge to neighboring properties.

The Applicant must provide a demonstration in both the E&S and PCSM/SR Plans that the discharge will not cause erosion, damage, or a nuisance to off-site properties.

See Offsite Discharge Analysis Sections in PCSM Narratives

NOI Section H. POST CONSTRUCTION STORMWATER MANAGEMENT (PCSM) PLANS

Summary Calculations of Post Construction Stormwater BMPs

1. Regional Energy Lateral Pipeline - MLV-515RA20
2. Regional Energy Lateral Pipeline - MLV-515RA30
3. Regional Energy Lateral Pipeline - Carverton Tie-in
4. Regional Energy Lateral Pipeline - Lower Demunds REL Tie-in
5. Regional Energy Lateral Pipeline – Hildebrandt Tie-in/MLV-515RA40
6. Effort Loop Pipeline - MLV-505LD86
7. Compressor Station 200
8. Compressor Station 515

NOTICE OF INTENT (NOI) FOR COVERAGE UNDER THE EROSION AND SEDIMENT CONTROL GENERAL PERMIT (ESCGP-3) FOR EARTH DISTURBANCE ASSOCIATED WITH OIL AND GAS EXPLORATION, PRODUCTION, PROCESSING, OR TREATMENT OPERATIONS OR TRANSMISSION FACILITIES

TABLES IN ADDENDUM OF NOI

SECTION H. POST CONSTRUCTION STORMWATER MANAGEMENT (PLAN) BMPs

Regional Energy Lateral Pipeline - MLV-515RA20 - Zenker Valve Yard

e. Summary Table for Supporting Calculation and Measurement Data
(See NOI Instructions for additional guidance with this section)

The remainder of this section (Summary Table for Calculation and Measurement Data) does not need to be completed for areas of projects involving oil and gas activities authorized by Chapter 78 or Chapter 78a (well pads) or pipelines and other similar utility infrastructure which will be restored to meadow in good condition or better or existing conditions.

Watershed Name: Mill Creek

Volume Control design storm frequency 2-year Rainfall amount 2.95 inches	Pre-construction	Post Construction	Net Change
Impervious area (acres)	0.00	0.19	+0.19
Volume of stormwater runoff (acre-feet) without planned stormwater BMPs	0.04	0.06	+0.02
Volume of stormwater runoff (acre-feet) with planned stormwater BMPs		0.03	-0.01
Stormwater discharge rate for the design frequency storm	Pre-construction	Post Construction	Net Change
1) 2-Year/24-Hour	3.51	3.22	-0.29
2) 10-Year/24-Hour	6.82	6.17	-0.65
3) 50-year/24-Hour	11.88	11.12	-0.76
4) 100-year/24-Hour	14.91	14.91	-0.00

f. Summary Description of PCSM/SR BMPs

In the lists below, check the BMPs identified in the PCSM Plan. The primary function(s) of the BMP listed in the functions column (infiltration/recharge; detention/retention; water quality). Additional functions may be added if applicable to that BMP. List the stormwater volume and area of runoff to be treated by each BMP type when calculations are required. If any BMP in the PCSM/SR Plan is not listed below, describe it in the space provided after "Other". A summary table with infiltration testing information (Attachment E, included in the NOI Instructions) must be submitted for all Bio-infiltration BMPs included in PCSM/SR plan.

For Rate control provide the volume of stormwater treated and acres treated for the 100-year/24-hour storm event.

For volume control and water quality provide the volume of stormwater treated and acres treated for the 2-year/24-hour storm event.

Key for BMP purpose(s): VC = Volume Control; RC = Rate Control; and WQ = Water Quality

BMP	Function(s)	Purpose(s)	Volume of stormwater treated	Acres treated
Site Restoration ONLY				
☐ Restore Site to Meadow in Good Condition or Better, or Existing Conditions	Infiltration/Recharge Detention/WQ Treatment	☐ VC ☐ RC ☐ WQ	_____	_____
Bio-infiltration areas	Infiltration/Recharge			
☐ Infiltration Trench		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Infiltration Bed		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Infiltration Basin		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Rain Garden/ Bioretention		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Infiltration Berm				
☐ Vegetated Swale		☐ VC ☐ RC ☐ WQ	_____	_____
Natural Area Conservation	Infiltration/Recharge			
☐ Streamside Buffer Zone		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Wetland Buffer Zone		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Sensitive Area Buffer Zone		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Pre-Construction Drainage Pattern Intact		☐ VC ☐ RC ☐ WQ	_____	_____
Stormwater Retention	Detention/Retention			
☐ Constructed Wetlands		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Wet Ponds		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Retention Basin		☐ VC ☐ RC ☐ WQ	_____	_____
Sediment and Pollutant Removal	Water Quality Treatment			
☐ Vegetated Filter Strips		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Compost Filter Sock		☐ VC ☐ RC ☐ WQ	_____	_____
☒ Detention Basins		☒ VC ☒ RC ☒ WQ	1,396cf(2-yr); 6,186cf(100-yr)	0.28
Access Road Design	Infiltration/Recharge			
☐ Road Crowning		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Ditches		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Turnouts		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Culverts		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Roadside Vegetated Filter Strips		☐ VC ☐ RC ☐ WQ	_____	_____

Stormwater Energy Dissipaters	Infiltration/Recharge			
☐ Level Spreaders		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Riprap Aprons		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Upslope Diversions		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Other_____		☐ VC ☐ RC ☐ WQ	_____	_____

g. Critical PCSM Plan stages

Identify and list critical stages of implementation of the PCSM Plan for which a licensed professional or designee shall be present on site.

1. Upon commencement of construction activities to ascertain the Dry Extended Detention Basin area has been flagged and fence erected to prevent access to the area.

2. At completion of Diversion Channels to ensure they have been constructed to the proposed lines and grades, the specified lining materials have been installed in accordance with the requirements of the plans and specifications, and if applicable, vegetation has been established.

3. At the beginning of construction of the Dry Extended Detention Basin to ensure the infiltration area has not been compacted by construction activities.

4. During construction of the Dry Extended Detention Basin the licensed professional will observe that the BMP is constructed in accordance with the plans and specifications.

5. At completion of Collection Channel C1 to ensure it has been constructed to the proposed line and grade, the specified lining material has been installed in accordance with the requirements of the plans and specifications, and if applicable, vegetation has been established.

6. Following installation of the Valve Yard Pad subgrade to ensure stormwater flow is directed to Collection Channel C1.

7. For final inspection of constructed BMPs.

8. At the establishment of hard surface stabilization or 70% vegetation covers to allow removal of E&S controls.

NOTICE OF INTENT (NOI) FOR COVERAGE UNDER THE EROSION AND SEDIMENT CONTROL GENERAL PERMIT (ESCGP-3) FOR EARTH DISTURBANCE ASSOCIATED WITH OIL AND GAS EXPLORATION, PRODUCTION, PROCESSING, OR TREATMENT OPERATIONS OR TRANSMISSION FACILITIES

TABLES IN ADDENDUM OF NOI

SECTION H. POST CONSTRUCTION STORMWATER MANAGEMENT (PLAN) BMPs

Regional Energy Lateral Pipeline - MLV-515RA30 - Wyoming Valve Yard

b. Summary Table for Supporting Calculation and Measurement Data

(See NOI Instructions for additional guidance with this section)

The remainder of this section (Summary Table for Calculation and Measurement Data) does not need to be completed for areas of projects involving oil and gas activities authorized by Chapter 78 or Chapter 78a (well pads) or pipelines and other similar utility infrastructure which will be restored to meadow in good condition or better or existing conditions.

Watershed Name: Susquehanna-Solomon Creek

Volume Control design storm frequency 2-year Rainfall amount 2.57 inches	Pre-construction	Post Construction	Net Change
Impervious area (acres)	0.00	0.24	+0.24
Volume of stormwater runoff (acre-feet) without planned stormwater BMPs	0.03	0.06	+0.03
Volume of stormwater runoff (acre-feet) with planned stormwater BMPs	[redacted]	0.03	-0.00
Stormwater discharge rate for the design frequency storm	Pre-construction	Post Construction	Net Change
1) 2-Year/24-Hour	0.22	0.02	-0.20
2) 10-Year/24-Hour	0.68	0.03	-0.65
3) 50-year/24-Hour	1.52	0.06	-1.46
4) 100-year/24-Hour	2.06	0.07	-1.99

c. Summary Description of PCSM/SR BMPs

In the lists below, check the BMPs identified in the PCSM Plan. The primary function(s) of the BMP listed in the functions column (infiltration/recharge; detention/retention; water quality). Additional functions may be added if applicable to that BMP. List the stormwater volume and area of runoff to be treated by each BMP type when calculations are required. If any BMP in the PCSM/SR Plan is not listed below, describe it in the space provided after "Other". A summary table with infiltration testing information (Attachment E, included in the NOI Instructions) must be submitted for all Bio-infiltration BMPs included in PCSM/SR plan.

For Rate control provide the volume of stormwater treated and acres treated for the 100-year/24-hour storm event.

For volume control and water quality provide the volume of stormwater treated and acres treated for the 2-year/24-hour storm event.

Key for BMP purpose(s): VC = Volume Control; RC = Rate Control; and WQ = Water Quality

BMP	Function(s)	Purpose(s)	Volume of stormwater treated	Acres treated
Site Restoration ONLY				
☐ Restore Site to Meadow in Good Condition or Better, or Existing Conditions	Infiltration/Recharge Detention/WQ Treatment	☐ VC ☐ RC ☐ WQ	_____	_____
Bio-infiltration areas	Infiltration/Recharge			
☐ Infiltration Trench		☐ VC ☐ RC ☐ WQ	_____	_____
☒ Infiltration Bed		☒ VC ☒ RC ☒ WQ	451cf(2-yr); 2,511cf(100-yr)	0.21
☐ Infiltration Basin		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Rain Garden/ Bioretention		☐ VC ☐ RC ☐ WQ	_____	
☐ Infiltration Berm		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Soil Amendment		☐ VC ☐ RC ☐ WQ	_____	_____
Natural Area Conservation	Infiltration/Recharge			
☐ Streamside Buffer Zone		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Wetland Buffer Zone		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Sensitive Area Buffer Zone		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Pre-Construction Drainage Pattern Intact		☐ VC ☐ RC ☐ WQ	_____	_____
Stormwater Retention	Detention/Retention			
☐ Constructed Wetlands		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Wet Ponds		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Retention Basin		☐ VC ☐ RC ☐ WQ	_____	_____
Sediment and Pollutant Removal	Water Quality Treatment			
☐ Vegetated Filter Strips		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Compost Filter Sock		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Detention Basins		☐ VC ☐ RC ☐ WQ	_____	_____
Access Road Design	Infiltration/Recharge			
☐ Road Crowning		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Ditches		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Turnouts		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Culverts		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Roadside Vegetated Filter Strips		☐ VC ☐ RC ☐ WQ	_____	_____

Stormwater Energy Dissipaters ☐ Level Spreaders ☐ Riprap Aprons ☐ Upslope Diversions ☒ OtherVegetated Swale	Infiltration/Recharge	☐ VC ☐ RC ☐ WQ ☐ VC ☐ RC ☐ WQ ☐ VC ☐ RC ☐ WQ ☒ VC ☒ RC ☒ WQ	_____ _____ _____ 1,009cf(2-yr); 4,264cf(100-yr)	_____ _____ _____ 0.49

d. Critical PCSM Plan stages

Identify and list critical stages of implementation of the PCSM Plan for which a licensed professional or designee shall be present on site.

1. Upon commencement of construction activities to ascertain the Vegetated Swale area has been flagged and fence erected to prevent access to the area.
2. At the beginning of construction of the Vegetated Swale to ensure the infiltration area has not been compacted by construction activities.
3. During construction of the Vegetated Swale the licensed professional will observe that the BMP is constructed in accordance with the plans and specifications.
4. At completion of Collection Channel C1 to ensure it has been constructed to the proposed line and grade, the specified lining material has been installed in accordance with the requirements of the plans and specifications, and if applicable, vegetation has been established.
5. Following installation of the Valve Yard Pad subgrade to ensure stormwater flow is directed to the infiltration berm.
6. For final inspection of constructed BMPs.
7. At the establishment of hard surface stabilization or 70% vegetation covers to allow removal of E&S controls.

NOTICE OF INTENT (NOI) FOR COVERAGE UNDER THE EROSION AND SEDIMENT CONTROL GENERAL PERMIT (ESCGP-3) FOR EARTH DISTURBANCE ASSOCIATED WITH OIL AND GAS EXPLORATION, PRODUCTION, PROCESSING, OR TREATMENT OPERATIONS OR TRANSMISSION FACILITIES

TABLES IN ADDENDUM OF NOI

SECTION H. POST CONSTRUCTION STORMWATER MANAGEMENT (PLAN) BMPs

Regional Energy Lateral Pipeline - Carverton Tie-In

b. Summary Table for Supporting Calculation and Measurement Data

(See NOI Instructions for additional guidance with this section)

The remainder of this section (Summary Table for Calculation and Measurement Data) does not need to be completed for areas of projects involving oil and gas activities authorized by Chapter 78 or Chapter 78a (well pads) or pipelines and other similar utility infrastructure which will be restored to meadow in good condition or better or existing conditions.

Watershed Name: Abrahams Creek

Volume Control design storm frequency 2-year Rainfall amount 2.61 inches	Pre-construction	Post Construction	Net Change
Impervious area (acres)	0.03	0.11	+0.08
Volume of stormwater runoff (acre-feet) without planned stormwater BMPs	0.02	0.03	+0.01
Volume of stormwater runoff (acre-feet) with planned stormwater BMPs	[redacted]	0.00	-0.02
Stormwater discharge rate for the design frequency storm	Pre-construction	Post Construction	Net Change
1) 2-Year/24-Hour	0.46	0.00	-0.46
2) 10-Year/24-Hour	0.91	0.00	-0.91
3) 50-year/24-Hour	1.61	0.00	-1.61
4) 100-year/24-Hour	2.01	0.00	-2.01

c. Summary Description of PCSM/SR BMPs

In the lists below, check the BMPs identified in the PCSM Plan. The primary function(s) of the BMP listed in the functions column (infiltration/recharge; detention/retention; water quality). Additional functions may be added if applicable to that BMP. List the stormwater volume and area of runoff to be treated by each BMP type when calculations are required. If any BMP in the PCSM/SR Plan is not listed below, describe it in the space provided after "Other". A summary table with infiltration testing information (Attachment E, included in the NOI Instructions) must be submitted for all Bio-infiltration BMPs included in PCSM/SR plan.

For Rate control provide the volume of stormwater treated and acres treated for the 100-year/24-hour storm event.

For volume control and water quality provide the volume of stormwater treated and acres treated for the 2-year/24-hour storm event.

Key for BMP purpose(s): VC = Volume Control; RC = Rate Control; and WQ = Water Quality

BMP	Function(s)	Purpose(s)	Volume of stormwater treated	Acres treated
Site Restoration ONLY				
☐ Restore Site to Meadow in Good Condition or Better, or Existing Conditions	Infiltration/Recharge Detention/WQ Treatment	☐ VC ☐ RC ☐ WQ	_____	_____
Bio-infiltration areas	Infiltration/Recharge			
☐ Infiltration Trench		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Infiltration Bed		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Infiltration Basin		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Rain Garden/ Bioretention		☐ VC ☐ RC ☐ WQ	_____	
☒ Infiltration Berm		☒ VC ☒ RC ☒ WQ	1,280cf (2-yr); 4,445cf(100-yr)	0.26
Natural Area Conservation	Infiltration/Recharge			
☐ Streamside Buffer Zone		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Wetland Buffer Zone		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Sensitive Area Buffer Zone		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Pre-Construction Drainage Pattern Intact		☐ VC ☐ RC ☐ WQ	_____	_____
Stormwater Retention	Detention/Retention			
☐ Constructed Wetlands		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Wet Ponds		☒ VC ☒ RC ☒ WQ	_____	_____
☐ Retention Basin		☐ VC ☐ RC ☐ WQ	_____	_____
Sediment and Pollutant Removal	Water Quality Treatment			
☐ Vegetated Filter Strips		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Compost Filter Sock		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Detention Basins		☐ VC ☐ RC ☐ WQ	_____	_____
Access Road Design	Infiltration/Recharge			
☐ Road Crowning		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Ditches		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Turnouts		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Culverts		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Roadside Vegetated Filter Strips		☐ VC ☐ RC ☐ WQ	_____	_____

Stormwater Energy Dissipaters	Infiltration/Recharge			
☐ Level Spreaders		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Riprap Aprons		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Upslope Diversions		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Other_____		☐ VC ☐ RC ☐ WQ	_____	_____

d. Critical PCSM Plan stages

Identify and list critical stages of implementation of the PCSM Plan for which a licensed professional or designee shall be present on site.

1. At the beginning of construction to ascertain the Infiltration Berm area has been flagged and fence erected to prevent access to the area.
2. Following installation of the Valve Yard Pad subgrade to ensure stormwater flow is directed to the infiltration berm.
3. At the beginning of construction of the Infiltration Berm to ensure the infiltration area has not been compacted by construction activities.
4. During construction of the infiltration berm the licensed professional will observe that the berm is constructed in accordance with the plans and specifications.
5. For final inspection of constructed BMPs.
6. At the establishment of hard surface stabilization or 70% vegetation covers to allow removal of E&S controls.

NOTICE OF INTENT (NOI) FOR COVERAGE UNDER THE EROSION AND SEDIMENT CONTROL GENERAL PERMIT (ESCGP-3) FOR EARTH DISTURBANCE ASSOCIATED WITH OIL AND GAS EXPLORATION, PRODUCTION, PROCESSING, OR TREATMENT OPERATIONS OR TRANSMISSION FACILITIES

TABLES IN ADDENDUM OF NOI

SECTION H. POST CONSTRUCTION STORMWATER MANAGEMENT (PLAN) BMPs

Regional Energy Lateral Pipeline - Lower Demunds REL Tie-In

b. Summary Table for Supporting Calculation and Measurement Data

(See NOI Instructions for additional guidance with this section)

The remainder of this section (Summary Table for Calculation and Measurement Data) does not need to be completed for areas of projects involving oil and gas activities authorized by Chapter 78 or Chapter 78a (well pads) or pipelines and other similar utility infrastructure which will be restored to meadow in good condition or better or existing conditions.

Watershed Name: Toby Creek

Volume Control design storm frequency 2-year Rainfall amount 3.40 inches	Pre-construction	Post Construction	Net Change
Impervious area (acres)	0.00	0.12	+0.12
Volume of stormwater runoff (acre-feet) without planned stormwater BMPs	0.02	0.04	+0.02
Volume of stormwater runoff (acre-feet) with planned stormwater BMPs		0.01	-0.01
Stormwater discharge rate for the design frequency storm	Pre-construction	Post Construction	Net Change
1) 2-Year/24-Hour	0.20	0.00	-0.20
2) 10-Year/24-Hour	0.40	0.00	-0.40
3) 50-year/24-Hour	0.71	0.20	-0.51
4) 100-year/24-Hour	0.89	0.51	-0.38

c. Summary Description of PCSM/SR BMPs

In the lists below, check the BMPs identified in the PCSM Plan. The primary function(s) of the BMP listed in the functions column (infiltration/recharge; detention/retention; water quality). Additional functions may be added if applicable to that BMP. List the stormwater volume and area of runoff to be treated by each BMP type when calculations are required. If any BMP in the PCSM/SR Plan is not listed below, describe it in the space provided after "Other". A summary table with infiltration testing information (Attachment E, included in the NOI Instructions) must be submitted for all Bio-infiltration BMPs included in PCSM/SR plan.

For Rate control provide the volume of stormwater treated and acres treated for the 100-year/24-hour storm event.

For volume control and water quality provide the volume of stormwater treated and acres treated for the 2-year/24-hour storm event.

Key for BMP purpose(s): VC = Volume Control; RC = Rate Control; and WQ = Water Quality

BMP	Function(s)	Purpose(s)	Volume of stormwater treated	Acres treated
Site Restoration ONLY				
☐ Restore Site to Meadow in Good Condition or Better, or Existing Conditions	Infiltration/Recharge Detention/WQ Treatment	☐ VC ☐ RC ☐ WQ	_____	_____
Bio-infiltration areas	Infiltration/Recharge			
☐ Infiltration Trench		☐ VC ☐ RC ☐ WQ	_____	_____
☒ Infiltration Bed		☒ VC ☒ RC ☒ WQ	1,481cf(2-yr); 4,356cf(100-yr)	0.17
☐ Infiltration Basin		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Rain Garden/ Bioretention		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Infiltration Berm		☐ VC ☐ RC ☐ WQ	_____	_____
Natural Area Conservation	Infiltration/Recharge			
☐ Streamside Buffer Zone		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Wetland Buffer Zone		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Sensitive Area Buffer Zone		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Pre-Construction Drainage Pattern Intact		☐ VC ☐ RC ☐ WQ	_____	_____
Stormwater Retention	Detention/Retention			
☐ Constructed Wetlands		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Wet Ponds		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Retention Basin		☐ VC ☐ RC ☐ WQ	_____	_____
Sediment and Pollutant Removal	Water Quality Treatment			
☐ Vegetated Filter Strips		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Compost Filter Sock		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Detention Basins		☐ VC ☐ RC ☐ WQ	_____	_____
Access Road Design	Infiltration/Recharge			
☐ Road Crowning		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Ditches		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Turnouts		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Culverts		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Roadside Vegetated Filter Strips		☐ VC ☐ RC ☐ WQ	_____	_____

Stormwater Energy Dissipaters ☐ Level Spreaders ☐ Riprap Aprons ☐ Upslope Diversions ☐ Other_____	Infiltration/Recharge	 ☐ VC ☐ RC ☐ WQ ☐ VC ☐ RC ☐ WQ ☐ VC ☐ RC ☐ WQ ☐ VC ☐ RC ☐ WQ	 _____ _____ _____ _____	 _____ _____ _____ _____

d. Critical PCSM Plan stages

Identify and list critical stages of implementation of the PCSM Plan for which a licensed professional or designee shall be present on site.

1. Upon commencement of construction activities to ascertain the Valve Yard Pad area has been flagged and fence erected to prevent access to the area.
2. At completion of Diversion Berm/Channel to ensure it has been constructed to the proposed lines and grades, the specified lining materials have been installed in accordance with the requirements of the plans and specifications, and if applicable, vegetation has been established.
3. At the beginning of construction of the Valve Yard Pad to ensure the infiltration area has not been compacted by construction activities.
4. During construction of the Valve Yard Pad the licensed professional will observe that the BMP is constructed in accordance with the plans and specifications.
5. Following installation of the Valve Yard Pad subgrade to ensure stormwater flow is directed to the outlet structure.
6. For final inspection of constructed BMPs.
7. At the establishment of hard surface stabilization or 70% vegetation covers to allow removal of E&S controls.

NOTICE OF INTENT (NOI) FOR COVERAGE UNDER THE EROSION AND SEDIMENT CONTROL GENERAL PERMIT (ESCGP-3) FOR EARTH DISTURBANCE ASSOCIATED WITH OIL AND GAS EXPLORATION, PRODUCTION, PROCESSING, OR TREATMENT OPERATIONS OR TRANSMISSION FACILITIES

TABLES IN ADDENDUM OF NOI

SECTION H. POST CONSTRUCTION STORMWATER MANAGEMENT (PLAN) BMPs

Regional Energy Lateral Pipeline – MLV-515RA40-Hildebrandt Tie-In

b. Summary Table for Supporting Calculation and Measurement Data

(See NOI Instructions for additional guidance with this section)

The remainder of this section (Summary Table for Calculation and Measurement Data) does not need to be completed for areas of projects involving oil and gas activities authorized by Chapter 78 or Chapter 78a (well pads) or pipelines and other similar utility infrastructure which will be restored to meadow in good condition or better or existing conditions.

Watershed Name: Toby Creek

Volume Control design storm frequency 2-year Rainfall amount 3.40 inches	Pre-construction	Post Construction	Net Change
Impervious area (acres)	0.0	0.22	+0.22
Volume of stormwater runoff (acre-feet) without planned stormwater BMPs	0.03	0.07	+0.04
Volume of stormwater runoff (acre-feet) with planned stormwater BMPs	[redacted]	0.01	-0.02
Stormwater discharge rate for the design frequency storm	Pre-construction	Post Construction	Net Change
1) 2-Year/24-Hour	0.34	0.20	-0.14
2) 10-Year/24-Hour	0.67	0.38	-0.29
3) 50-year/24-Hour	1.20	0.65	-0.55
4) 100-year/24-Hour	1.52	0.80	-0.72

c. Summary Description of PCSM/SR BMPs

In the lists below, check the BMPs identified in the PCSM Plan. The primary function(s) of the BMP listed in the functions column (infiltration/recharge; detention/retention; water quality). Additional functions may be added if applicable to that BMP. List the stormwater volume and area of runoff to be treated by each BMP type when calculations are required. If any BMP in the PCSM/SR Plan is not listed below, describe it in the space provided after "Other". A summary table with infiltration testing information (Attachment E, included in the NOI Instructions) must be submitted for all Bio-infiltration BMPs included in PCSM/SR plan.

For Rate control provide the volume of stormwater treated and acres treated for the 100-year/24-hour storm event.

For volume control and water quality provide the volume of stormwater treated and acres treated for the 2-year/24-hour storm event.

Key for BMP purpose(s): VC = Volume Control; RC = Rate Control; and WQ = Water Quality

BMP	Function(s)	Purpose(s)	Volume of stormwater treated	Acres treated
Site Restoration ONLY				
☐ Restore Site to Meadow in Good Condition or Better, or Existing Conditions	Infiltration/Recharge Detention/WQ Treatment	☐ VC ☐ RC ☐ WQ	_____	_____
Bio-infiltration areas	Infiltration/Recharge			
☐ Infiltration Trench		☐ VC ☐ RC ☐ WQ	_____	_____
☒ Infiltration Bed		☒ VC ☒ RC ☒ WQ	2,265cf(2-yr); 5,881cf(100-yr)	0.21
☐ Infiltration Basin		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Rain Garden/ Bioretention		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Infiltration Berm				
☐ Vegetated Swale		☐ VC ☐ RC ☐ WQ	_____	_____
Natural Area Conservation	Infiltration/Recharge			
☐ Streamside Buffer Zone		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Wetland Buffer Zone		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Sensitive Area Buffer Zone		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Pre-Construction Drainage Pattern Intact		☐ VC ☐ RC ☐ WQ	_____	_____
Stormwater Retention	Detention/Retention			
☐ Constructed Wetlands		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Wet Ponds		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Retention Basin		☐ VC ☐ RC ☐ WQ	_____	_____
Sediment and Pollutant Removal	Water Quality Treatment			
☐ Vegetated Filter Strips		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Compost Filter Sock		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Detention Basins		☐ VC ☐ RC ☐ WQ	_____	_____
Access Road Design	Infiltration/Recharge			
☐ Road Crowning		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Ditches		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Turnouts		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Culverts		☐ VC ☐ RC ☐ WQ	_____	_____

☐ Roadside Vegetated Filter Strips		☐ VC ☐ RC ☐ WQ	_____	_____
Stormwater Energy Dissipaters	Infiltration/Recharge			
☐ Level Spreaders		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Riprap Aprons		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Upslope Diversions		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Other_____		☐ VC ☐ RC ☐ WQ	_____	_____

d. Critical PCSM Plan stages

Identify and list critical stages of implementation of the PCSM Plan for which a licensed professional or designee shall be present on site.

1. Upon commencement of construction activities to ascertain the Valve Yard Pad area has been flagged and fence erected to prevent access to the area.
2. At completion of Diversion Channel to ensure it has been constructed to the proposed lines and grades, the specified lining materials have been installed in accordance with the requirements of the plans and specifications, and if applicable, vegetation has been established.
3. At the beginning of construction of the Valve Yard Pad to ensure the infiltration area has not been compacted by construction activities.
4. During construction of the Valve Yard Pad the licensed professional will observe that the BMP is constructed in accordance with the plans and specifications.
5. Following installation of the Valve Yard Pad subgrade to ensure stormwater flow is directed to the outlet structure.
6. For final inspection of constructed BMPs.
7. At the establishment of hard surface stabilization or 70% vegetation covers to allow removal of E&S controls.

NOTICE OF INTENT (NOI) FOR COVERAGE UNDER THE EROSION AND SEDIMENT CONTROL GENERAL PERMIT (ESCGP-3) FOR EARTH DISTURBANCE ASSOCIATED WITH OIL AND GAS EXPLORATION, PRODUCTION, PROCESSING, OR TREATMENT OPERATIONS OR TRANSMISSION FACILITIES

TABLES IN ADDENDUM OF NOI

SECTION H. POST CONSTRUCTION STORMWATER MANAGEMENT (PLAN) BMPs

Effort Loop Pipeline-MLV-505LD86 Sugar Hollow Valve Yard

b. Summary Table for Supporting Calculation and Measurement Data

(See NOI Instructions for additional guidance with this section)

The remainder of this section (Summary Table for Calculation and Measurement Data) does not need to be completed for areas of projects involving oil and gas activities authorized by Chapter 78 or Chapter 78a (well pads) or pipelines and other similar utility infrastructure which will be restored to meadow in good condition or better or existing conditions.

Watershed Name: Pohopoco Creek

Volume Control design storm frequency 2-year Rainfall amount 3.26 inches	Pre-construction	Post Construction	Net Change
Impervious area (acres)	0.09	0.62	+0.53
Volume of stormwater runoff (acre-feet) without planned stormwater BMPs	0.35	0.44	+0.09
Volume of stormwater runoff (acre-feet) with planned stormwater BMPs	[redacted]	0.28	-0.07
Stormwater discharge rate for the design frequency storm DA-1	Pre-construction	Post Construction	Net Change
1) 2-Year/24-Hour	0.01	0.01	-0.00
2) 10-Year/24-Hour	0.37	0.31	-0.06
3) 50-year/24-Hour	5.89	4.21	-1.68
4) 100-year/24-Hour	11.47	8.28	-3.19
Stormwater discharge rate for the design frequency storm DA-2	Pre-construction	Post Construction	Net Change
1) 2-Year/24-Hour	4.51	3.97	-0.54
2) 10-Year/24-Hour	12.49	12.28	-0.21
3) 50-year/24-Hour	26.58	24.35	-2.23
4) 100-year/24-Hour	35.41	31.74	-3.67

c. Summary Description of PCSM/SR BMPs

In the lists below, check the BMPs identified in the PCSM Plan. The primary function(s) of the BMP listed in the functions column (infiltration/recharge; detention/retention; water quality). Additional functions may be added if applicable to that BMP. List the stormwater volume and area of runoff to be treated by each BMP type when calculations are required. If any BMP in the PCSM/SR Plan is not listed below, describe it in the space provided after "Other". A summary table with infiltration testing information (Attachment E, included in the NOI Instructions) must be submitted for all Bio-infiltration BMPs included in PCSM/SR plan.

For Rate control provide the volume of stormwater treated and acres treated for the 100-year/24-hour storm event.

For volume control and water quality provide the volume of stormwater treated and acres treated for the 2-year/24-hour storm event.

Key for BMP purpose(s): VC = Volume Control; RC = Rate Control; and WQ = Water Quality

BMP	Function(s)	Purpose(s)	Volume of stormwater treated	Acres treated
Site Restoration ONLY				
☐ Restore Site to Meadow in Good Condition or Better, or Existing Conditions	Infiltration/Recharge Detention/WQ Treatment	☐ VC ☐ RC ☐ WQ	_____	_____
Bio-infiltration areas	Infiltration/Recharge			
☐ Infiltration Trench		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Infiltration Bed		☐ VC ☐ RC ☐ WQ	_____	_____
☒ Infiltration Basin		☒ VC ☒ RC ☒ WQ	1,123cf(2-yr); 21,318cf(100-yr)	2.85
☐ Rain Garden/ Bioretention		☐ VC ☐ RC ☐ WQ	_____	_____
☒ Infiltration Berm		☒ VC ☒ RC ☒ WQ	5,915cf(2-yr); 26,924cf(100-yr)	1.54
Natural Area Conservation	Infiltration/Recharge			
☐ Streamside Buffer Zone		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Wetland Buffer Zone		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Sensitive Area Buffer Zone		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Pre-Construction Drainage Pattern Intact		☐ VC ☐ RC ☐ WQ	_____	_____
Stormwater Retention	Detention/Retention			
☐ Constructed Wetlands		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Wet Ponds		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Retention Basin		☐ VC ☐ RC ☐ WQ	_____	_____
Sediment and Pollutant Removal	Water Quality Treatment			
☐ Vegetated Filter Strips		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Compost Filter Sock		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Detention Basins		☐ VC ☐ RC ☐ WQ	_____	_____
Access Road Design	Infiltration/Recharge			
☐ Road Crowning		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Ditches		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Turnouts		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Culverts		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Roadside Vegetated Filter Strips		☐ VC ☐ RC ☐ WQ	_____	_____

Stormwater Energy Dissipaters	Infiltration/Recharge			
☐ Level Spreaders		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Riprap Aprons		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Upslope Diversions		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Other_____		☐ VC ☐ RC ☐ WQ	_____	_____

d. Critical PCSM Plan stages

Identify and list critical stages of implementation of the PCSM Plan for which a licensed professional or designee shall be present on site.

1. For the final grading of the access road, ensuring it is constructed according to the plan details for proper conveyance of runoff.
2. Following final grading and seeding of the diversion channels and basin, in order to confirm they have been constructed according to the plan details for proper collection and conveyance of runoff. Periodic assessments will need to be made to ensure accumulated sediment have been cleaned out so the channels and basin maintain the necessary design volumes.
3. During the layout and excavation of the outlet control structure, the professional or delegate will ensure sizing, materials specifications, and construction procedures are followed to enable proper storage in the basin.
4. Following final grading and seeding of the infiltration berm in order to confirm they have been constructed according to the plan details for proper collection, infiltration, and conveyance of runoff. Periodic assessment will need to be made to ensure that accumulated sediment have been cleaned out so the area behind the berm maintains the necessary design volume.
5. For final inspection of constructed channels, basin and berms.
6. At the establishment of hard surface stabilization or 70% vegetation covers to allow removal of E&S controls.

NOTICE OF INTENT (NOI) FOR COVERAGE UNDER THE EROSION AND SEDIMENT CONTROL GENERAL PERMIT (ESCGP-3) FOR EARTH DISTURBANCE ASSOCIATED WITH OIL AND GAS EXPLORATION, PRODUCTION, PROCESSING, OR TREATMENT OPERATIONS OR TRANSMISSION FACILITIES

TABLES IN ADDENDUM OF NOI

SECTION H. POST CONSTRUCTION STORMWATER MANAGEMENT (PLAN) BMPs

Compressor Station 200

b. Summary Table for Supporting Calculation and Measurement Data

(See NOI Instructions for additional guidance with this section)

The remainder of this section (Summary Table for Calculation and Measurement Data) does not need to be completed for areas of projects involving oil and gas activities authorized by Chapter 78 or Chapter 78a (well pads) or pipelines and other similar utility infrastructure which will be restored to meadow in good condition or better or existing conditions.

Watershed Name: Valley Creek

Volume Control design storm frequency 2-year Rainfall amount 3.30 inches	Pre-construction	Post Construction	Net Change
Impervious area (acres)	0.25	0.40	+0.15
Volume of stormwater runoff (acre-feet) without planned stormwater BMPs	0.07	0.11	+0.04
Volume of stormwater runoff (acre-feet) with planned stormwater BMPs	[redacted]	0.07	-0.00
Stormwater discharge rate for the design frequency storm	Pre-construction	Post Construction	Net Change
1) 2-Year/24-Hour	1.03	0.15	-0.88
2) 10-Year/24-Hour	2.06	1.39	-0.67
3) 50-year/24-Hour	3.19	2.79	-0.40
4) 100-year/24-Hour	3.97	3.50	-0.47

c. Summary Description of PCSM/SR BMPs

In the lists below, check the BMPs identified in the PCSM Plan. The primary function(s) of the BMP listed in the functions column (infiltration/recharge; detention/retention; water quality). Additional functions may be added if applicable to that BMP. List the stormwater volume and area of runoff to be treated by each BMP type when calculations are required. If any BMP in the PCSM/SR Plan is not listed below, describe it in the space provided after "Other". A summary table with infiltration testing information (Attachment E, included in the NOI Instructions) must be submitted for all Bio-infiltration BMPs included in PCSM/SR plan.

For Rate control provide the volume of stormwater treated and acres treated for the 100-year/24-hour storm event.

For volume control and water quality provide the volume of stormwater treated and acres treated for the 2-year/24-hour storm event.

Key for BMP purpose(s): VC = Volume Control; RC = Rate Control; and WQ = Water Quality

BMP	Function(s)	Purpose(s)	Volume of stormwater treated	Acres treated
Site Restoration ONLY				
☐ Restore Site to Meadow in Good Condition or Better, or Existing Conditions	Infiltration/Recharge Detention/WQ Treatment	☐ VC ☐ RC ☐ WQ	_____	_____
Bio-infiltration areas	Infiltration/Recharge			
☐ Infiltration Trench		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Infiltration Bed		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Infiltration Basin		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Rain Garden/ Bioretention		☐ VC ☐ RC ☐ WQ	_____	_____
☒ Infiltration Berm		☒ VC ☒ RC ☒ WQ	3,790cf(2-yr); 11,631cf(100-yr)	0.56
Natural Area Conservation	Infiltration/Recharge			
☐ Streamside Buffer Zone		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Wetland Buffer Zone		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Sensitive Area Buffer Zone		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Pre-Construction Drainage Pattern Intact		☐ VC ☐ RC ☐ WQ	_____	_____
Stormwater Retention	Detention/Retention			
☐ Constructed Wetlands		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Wet Ponds		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Retention Basin		☐ VC ☐ RC ☐ WQ	_____	_____
Sediment and Pollutant Removal	Water Quality Treatment			
☐ Vegetated Filter Strips		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Compost Filter Sock		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Detention Basins		☐ VC ☐ RC ☐ WQ	_____	_____
Access Road Design	Infiltration/Recharge			
☐ Road Crowning		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Ditches		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Turnouts		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Culverts		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Roadside Vegetated Filter Strips		☐ VC ☐ RC ☐ WQ	_____	_____

Stormwater Energy Dissipaters ☐ Level Spreaders ☐ Riprap Aprons ☐ Upslope Diversions ☐ Other_____	Infiltration/Recharge	 ☐ VC ☐ RC ☐ WQ ☐ VC ☐ RC ☐ WQ ☐ VC ☐ RC ☐ WQ ☐ VC ☐ RC ☐ WQ	 _____ _____ _____ _____	 _____ _____ _____ _____

d. Critical PCSM Plan stages

Identify and list critical stages of implementation of the PCSM Plan for which a licensed professional or designee shall be present on site.

1. Following final grading and seeding of the infiltration berm in order to confirm it has been constructed according to the plan details for proper collection, infiltration, and conveyance of runoff. Periodic assessments will need to be made to ensure that accumulated sediment should be cleaned out so the channels and berm maintain necessary design volume.
2. For final inspection of constructed BMPs.
3. At the establishment of hard surface stabilization or 70% vegetation covers to allow removal of E & S controls.

NOTICE OF INTENT (NOI) FOR COVERAGE UNDER THE EROSION AND SEDIMENT CONTROL GENERAL PERMIT (ESCGP-3) FOR EARTH DISTURBANCE ASSOCIATED WITH OIL AND GAS EXPLORATION, PRODUCTION, PROCESSING, OR TREATMENT OPERATIONS OR TRANSMISSION FACILITIES

TABLES IN ADDENDUM OF NOI

SECTION H. POST CONSTRUCTION STORMWATER MANAGEMENT (PLAN) BMPs

Compressor Station 515

b. Summary Table for Supporting Calculation and Measurement Data

(See NOI Instructions for additional guidance with this section)

The remainder of this section (Summary Table for Calculation and Measurement Data) does not need to be completed for areas of projects involving oil and gas activities authorized by Chapter 78 or Chapter 78a (well pads) or pipelines and other similar utility infrastructure which will be restored to meadow in good condition or better or existing conditions.

Watershed Name: Bear Creek

Volume Control design storm frequency 2-year Rainfall amount 3.40 inches	Pre-construction	Post Construction	Net Change
Impervious area (acres)	0.34	2.44	+2.10
Volume of stormwater runoff (acre-feet) without planned stormwater BMPs	0.50	0.81	+0.31
Volume of stormwater runoff (acre-feet) with planned stormwater BMPs	[redacted]	0.18	-0.32
Stormwater discharge rate for the design frequency storm	Pre-construction	Post Construction	Net Change
1) 2-Year/24-Hour	5.46	1.76	-3.70
2) 10-Year/24-Hour	10.19	8.30	-1.89
3) 50-year/24-Hour	16.85	9.55	-7.30
4) 100-year/24-Hour	20.81	9.58	-11.23

c. Summary Description of PCSM/SR BMPs

In the lists below, check the BMPs identified in the PCSM Plan. The primary function(s) of the BMP listed in the functions column (infiltration/recharge; detention/retention; water quality). Additional functions may be added if applicable to that BMP. List the stormwater volume and area of runoff to be treated by each BMP type when calculations are required. If any BMP in the PCSM/SR Plan is not listed below, describe it in the space provided after "Other". A summary table with infiltration testing information (Attachment E, included in the NOI Instructions) must be submitted for all Bio-infiltration BMPs included in PCSM/SR plan.

For Rate control provide the volume of stormwater treated and acres treated for the 100-year/24-hour storm event.

For volume control and water quality provide the volume of stormwater treated and acres treated for the 2-year/24-hour storm event.

Key for BMP purpose(s): VC = Volume Control; RC = Rate Control; and WQ = Water Quality

BMP	Function(s)	Purpose(s)	Volume of stormwater treated	Acres treated
Site Restoration ONLY				
☐ Restore Site to Meadow in Good Condition or Better, or Existing Conditions	Infiltration/Recharge Detention/WQ Treatment	☐ VC ☐ RC ☐ WQ	_____	_____
Bio-infiltration areas	Infiltration/Recharge			
☐ Infiltration Trench		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Infiltration Bed		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Infiltration Basin		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Rain Garden/ Bioretention		☐ VC ☐ RC ☐ WQ	_____	_____
☒ Infiltration Berm		☒ VC ☒ RC ☒ WQ	31,799cf(2-yr); 96,268cf(100-yr)	3.83
Natural Area Conservation	Infiltration/Recharge			
☐ Streamside Buffer Zone		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Wetland Buffer Zone		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Sensitive Area Buffer Zone		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Pre-Construction Drainage Pattern Intact		☐ VC ☐ RC ☐ WQ	_____	_____
Stormwater Retention	Detention/Retention			
☐ Constructed Wetlands		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Wet Ponds		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Retention Basin		☐ VC ☐ RC ☐ WQ	_____	_____
Sediment and Pollutant Removal	Water Quality Treatment			
☐ Vegetated Filter Strips		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Compost Filter Sock		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Detention Basins		☐ VC ☐ RC ☐ WQ	_____	_____
Access Road Design	Infiltration/Recharge			
☐ Road Crowning		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Ditches		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Turnouts		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Culverts		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Roadside Vegetated Filter Strips		☐ VC ☐ RC ☐ WQ	_____	_____

Stormwater Energy Dissipaters	Infiltration/Recharge			
☐ Level Spreaders		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Riprap Aprons		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Upslope Diversions		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Other_____		☐ VC ☐ RC ☐ WQ	_____	_____

d. Critical PCSM Plan stages

Identify and list critical stages of implementation of the PCSM Plan for which a licensed professional or designee shall be present on site.

1. Following final grading and seeding of the collection channels and infiltration berm in order to confirm they have been constructed according to the plan details for proper collection, infiltration, and conveyance of runoff. Periodic assessments will need to be made to ensure that accumulated sediment should be cleaned out so the channels and berm maintain necessary design volume.
2. For final inspection of constructed BMPs.
3. At the establishment of hard surface stabilization or 70% vegetation covers to allow removal of E & S controls.

SECTION I. ANTIDEGRADATION ANALYSIS

This section must be completed where earth disturbance activities will be conducted in the watershed of a surface water with an existing or designated use of exceptional value or high quality pursuant to Chapter 93 (relating to water quality standards), projects where any part is located in an exceptional value wetland in accordance with 25 Pa. Code § 105.17, and projects where any part is located in the watershed of an impaired surface water where the cause of impairment is identified as siltation.

Part 1 - NONDISCHARGE ALTERNATIVES EVALUATION

The applicant must consider and describe any and all non-discharge alternatives for the entire project area which are environmentally sound and will**:**

- Minimize accelerated erosion and sedimentation during the earth disturbance activity
- Achieve no net change from pre-development to post-development volume, rate and concentration of pollutants in water quality

E & S Plan	PCSM/SR Plan
Check off the environmentally sound nondischarge Best Management Practices (BMPs) listed below to be used prior to, during, and after earth disturbance activities that have been incorporated into your E & S Plan based on the site analysis. For non-discharge BMPs not checked, provide an explanation of why they were not utilized. Also for BMPs checked, provide an explanation of why they were utilized. (Provide the analysis and attach additional sheets if necessary) See Section 2 of this ESCGP-3 Application	Check off the environmentally sound nondischarge Best Management Practices (BMPs) listed below to be used after construction that have been incorporated into the PCSM/SR Plan based on your site analysis. For non-discharge BMPs not checked, provide an explanation of why they were not utilized. Also for BMPs checked, provide an explanation of why they were utilized. (Provide the analysis and attach additional sheets if necessary) See Section 3 of this ESCGP-3 Application
Nondischarge BMPs ☐ Alternative Siting ☐ Alternative location ☐ Alternative configuration ☐ Alternative location of discharge ☒ Limited Disturbed Area ☐ Limiting Extent & Duration of Disturbance (Phasing, Sequencing) ☐ Riparian Buffers (150 ft. min.) ☐ Riparian Forest Buffer (150 ft. min.) ☐ Other _____	**Nondischarge BMPs** ☐ Alternative Siting ☐ Alternative location ☐ Alternative configuration ☐ Alternative location of discharge ☐ Low Impact Development (LID / BSD) ☐ Riparian Buffers (150 ft. min.) ☐ Riparian Forest Buffer (150 ft. min.) ☒ Infiltration ☐ Water Reuse ☐ Other _____
Will the non-discharge alternative BMPs eliminate the net change in rate, volume and quality during construction? ☐ Yes ☒ No If yes, antidegradation analysis is complete. If no, proceed to Part 2.	Will the non-discharge alternative BMPs eliminate the net change in rate, volume and quality after construction? ☐ Yes ☒ No If yes, antidegradation analysis is complete. If no, proceed to Part 2.

PART 2 - ANTIDEGRADATION BEST AVAILABLE COMBINATION OF TECHNOLOGIES (ABACT)

If the net change in stormwater discharge from or after construction is not fully managed by nondischarge BMPs, the applicant must utilize ABACT BMPs to manage the difference. The Applicant must specify whether the discharge will occur during construction, post-construction or both, and identify the technologies that will be used to ensure that the discharge will be a non-degrading discharge. ABACT BMPs include but are not limited to:

E & S Plan	PCSM/SR Plan
☒ **Treatment BMPs:** ☐ Sediment basin with skimmer ☐ Sediment basin ratio of 4:1 or greater (flow length to basin width) ☐ Sediment basin with 4-7 day detention ☐ Flocculants ☒ Compost Filter Socks ☒ Compost Filter Sock Sediment Basin ☒ RCE w/ Wash Rack ☒ **Land disposal:** ☐ Vegetated filters ☐ Riparian buffers <150ft. ☐ Riparian Forest Buffer <150ft. ☒ Immediate stabilization ☒ **Pollution prevention:** ☒ PPC Plans ☒ Street sweeping ☒ Channels, collectors and diversions lined with permanent vegetation, rock, geotextile or other non-erosive materials ☐ **Stormwater reuse technologies:** ☐ Sediment basin water for dust control ☐ Sediment basin water for irrigation ☐ **Other** _____	☒ **Treatment BMPs:** ☒ Infiltration Practices ☐ Wet ponds ☐ Created wetland treatment systems ☒ Vegetated swales ☐ Manufactured devices ☒ Bio-retention/infiltration ☐ Green Roofs ☐ **Land disposal:** ☐ Vegetated filters ☐ Riparian Buffers <150ft. ☐ Riparian Forest Buffer <150ft. ☐ Disconnection of roof drainage ☐ Bio-retention/bio-infiltration ☒ **Pollution prevention:** ☐ Street sweeping ☐ Nutrient, pesticide, herbicide or other chemical application plan alternatives ☒ PPC Plans ☒ Non-structural Practices ☒ Restoration BMPs ☐ **Stormwater reuse technologies:** ☐ Divert rainwater into impoundment ☐ Underground storage ☐ Spray/Drip Irrigation ☐ **Other** _____
Are the ABACT BMPs selected sufficient to minimize E&S discharges to the extent that existing or designated surface water uses are protected? ☒ Yes ☐ No If yes, Antidegradation analysis is complete. If no, NOI Application will be returned to the Applicant.	Are the ABACT BMPs selected sufficient to achieve no net change and assure that existing or designated surface water uses are protected? ☒ Yes ☐ No If yes, Antidegradation analysis is complete. If no, NOI Application will be returned to the Applicant.

SECTION J. COMPLIANCE HISTORY REVIEW

Is/was the applicant(s) in violation of any Department regulation, order, schedule of compliance or permit or in violation of any department regulated activities within the past five years?

☒ Yes ☐ No

If yes, provide the permit number or facility name, a brief description of the violation, the compliance schedule (including dates and steps to achieve compliance) and the current compliance status. (Attach additional information on a separate sheet, when necessary)

Permit Program or Activity: Chapter 102, Chapter 105, PAG-10
Permit Number (if applicable):

1. **ESG03000150001, ESG00350150001, ESG00081150001**
2. **E41-649**
3. **E-19-311, E36-947, E-38-195, E40-769,E49-336, E54-360, E58-315, E66-160, E41-667, E18-495,**
4. **PAG109632**

Brief Description of non-compliance:

Consent Assessment of Civil Penalty, Reports past due.

Steps taken to achieve compliance	Date(s) compliance achieved
1. Consent Assessment of Civil Penalty 2. Consent Assessment of Civil Penalty. Permits being obtained to complete channel restoration 3. Consent Assessment of Civil Penalty 4. All past due reports were provided to PADEP	1. 9/20/2020 2. 8/9/2020 3. 9/20/2020 4. 12/14/2017

Current Compliance Status: ☒ In-Compliance ☐ In Non-Compliance

If in non-compliance, attach schedule for achieving compliance.

SECTION K. CERTIFICATION BY PERSON PREPARING E&S AND PCSM/SR PLANS

I do hereby certify to the best of my knowledge, information, and belief, that the Erosion and Sediment Control and PCSM/Site Restoration Plans are true and correct, represent actual field conditions, and are in accordance with the 25 Pa. Code Chapters 78/78a and 102 of the Department's rules and regulations. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment.

Print Name Kevin C. Clark	Signature	Professional Seal
Company BAI Group, LLC		
Address 2525 Green Tech Drive, Suite D, State College, PA-16803		
Phone (814) 238-2060		
Most Recent DEP Training Attended _____	Location _____ Date _____	
e-Mail Address kclark@baigroupllc.com		

EXPEDITED REVIEW PROCESS

In addition to the certification required above, applicants using the expedited permit review process must attach an E&S and PCSM/Site Restoration Plans developed and sealed by a licensed professional engineer, surveyor or professional geologist. The plans shall contain the following certification:

*I do hereby certify to the best of my knowledge, information, and belief, that the E & S Control and PCSM/SR BMPs are true and correct, represent actual field conditions and are in accordance with the 25 Pa. Code Chapters 78 / 78a and 102 of the Department's rules and regulations. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment***.**

SECTION L. APPLICANT CERTIFICATION

Applicant Certification

I certify under penalty of law, as provided by 18 Pa. C.S.A. § 4904, that this application and all related attachments were prepared by me or under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my own knowledge and on inquiry of the person or persons who manage the system or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate and complete. The responsible official's signature also verifies that the activity is eligible to participate in the ESCGP, and that the applicant agrees to abide by the terms and conditions of the permit. BMP's, E&S Plan, PPC Plan, PCSM Plan, and other controls are being or will be, implemented to ensure that water quality standards and effluent limits are attained.

I grant permission to the agencies responsible for the permitting of this work, or their duly authorized representative to enter the project site for inspection purposes. I will abide by the conditions of the permit if issued and will not begin work prior to permit issuance.

(For individuals no indication of title is necessary, choose the box below. All others proceed to the next paragraph)

☐ **Individual; proceed to signature portion.**

I hereby certify under penalty of law, as provided by 18 Pa. C.S.A. § 4904, that I am the person who is responsible for decision-making regarding environmental compliance functions for Transcontinental Gas Pipeline Company, LLC, the manager of one or more manufacturing, production, or operating facilities of the applicant and am authorized to make management decisions which govern the operation of regulated facility including having explicit or implicit duty of making major capital investment recommendations, and initiating and directing other comprehensive measures to assure the applicant's long term environmental compliance with environmental laws and regulations; and I am responsible for ensuring that the necessary systems are established or actions taken to gather complete and accurate information for permit application requirements.

(choose one of the following; not applicable for individuals):

☐ The responsible corporate officer ☐ president ☐ vice president ☐ secretary
☐ treasure of _____ Corporation/Company
Entity name

☒ The ☐ member or ☒ manager of Transcontinental Gas Pipe Line Company, LLC
Entity name

☐ The general partner of _____ partnership/LP/LLP
Entity name

☐ The principal executive officer or ranking elected official of _____ Municipality/State/Federal/other public agency
Entity name

☐ Power of Attorney/delegation of contractual authority (documentation supporting delegation of contracting authority must be provided) for _____
Entity name

_____	_____
Print Name and Title of Applicant	Print Name and Title of Co-Applicant (if applicable)
_____	_____
Signature of Applicant	Signature of Co-Applicant
_____	_____
Date Application Signed	Date Application Signed

Notarization

Sworn to and subscribed to before me this

_____ day of _____, 20_____

_____
Notary Public

AFFIX SEAL

Commonwealth of Pennsylvania

County of _____

My Commission expires _____

SECTION M. ADDITIONAL CONTACT INFORMATION				
Contact's Last Name	First Name	MI	Phone (814) 689-1650	
Nelson	Ryan	J	FAX	
Mailing Address	City		State	ZIP + 4
2525 Green Tech Drive, Suite B	State College		PA	16803
e-Mail Address ryann@whmgroup.com				

Section 1-1.1 NOI Supporting Information

Project Component	Site	Site Location City	ZIP Code	County	Municipality	Total Project Area/Project Site (Acre)	Total Disturbed Area (Acre)	Latitude / Longitude	U.S.G.S. 7.5 min. Topographic Quadrangle	Receiving Waters	Chapter 93, Designated Use Stream Classification	Chapter 93, Existing Use Stream Classification	Siltation Impaired
Regional Energy Lateral	Pipeline			Luzerne	Buck, Bear Creek, Plains, Jenkins, Kingston, Dallas, Wyoming, West Wyoming, Laflin	952.63	420.67 (includes CS 515 and sites below)	41.173337, -75.671706 (eastern terminus) 41.346917, -75.946263 (western terminus)	Kingston, Pittston, Avoca, Wilkes-Barre East, Pleasant View Summit	Stony Run, Shades Creek, Little Shades Creek, Snider Run, Meadow Run, Bear Creek, Little Bear Creek, Mill Creek, Gardner Creek, Susquehanna River, Abrahams Creek, Toby Creek, Trout Brook	MF, HQ-CWF, WWF, CWF	-	No
	CY-LU-001	Wyoming	18644	Luzerne	Wyoming		16.3 (Included within above total)	41.31016, -75.84636		Abrahams Creek	CWF, MF	-	No
	CY-LU-002	Wilkes-Barre	18702	Luzerne	Laflin		11.4 (Included within above total)	41.28491, -75.79026		Gardner Creek	CWF, MF	-	No
	MLV-515RA20	Wilkes-Barre	18702	Luzerne	Bear Creek Township		0.46 (Included within above total)	41.25279, -75.75856		Mill Creek	CWF, MF	-	No
	MLV-515RA30	Wyoming	18644	Luzerne	Wyoming Borough		0.44 (Included within above total)	41.30411, -75.84662		Susquehanna River	WWF		No
	Carverton Tie-in	Wyoming	18644	Luzerne	West Wyoming Borough		3.9 (Included within above total)	41.32053, -75.87270		Abrahams Creek	CWF, MF		No
	Lower Demunds REL Tie-in	Dallas	18612	Luzerne	Dallas Township		1.7 (Included within above total)	41.34652, -75.94551		Trout Brook	CWF, MF		No
	Hildebrandt Tie-in/MLV-515RA40	Dallas	18612	Luzerne	Dallas Township		3.1 (Included within above total)	41.34692, -75.94629		Toby Creek, Trout Brook	CWF, MF		No
	Laflin Borough Stream Stabilization	Wilkes-Barre	18702	Luzerne	Laflin Borough		0.94 (Included within above total)	41.28925, -75.80209		Gardner Creek	CWF, MF	-	No
Effort Loop	Pipeline			Monroe	Ross, Chestnuthill, Tunkhannock	360.63	262.18	40.896796, -75.370606 (Southeast Terminus) 41.053413, -75.526178 (Northwest Terminus)	Blakeslee, Pocono Pines, Brodheadsville, Saylorsburg	Lake Creek, Princess Run, Weir Creek, McMichael Creek, Pohopoco Creek, Sugar Hollow Creek, Poplar Creek, Mud Run, Mud Pond Run, Tunkhannock Creek	EV, MF, HQ-CWF, CWF	EV, MF	No

Project Component	Site	Site Location City	ZIP Code	County	Municipality	Total Project Area/Project Site (Acre)	Total Disturbed Area (Acre)	Latitude / Longitude	U.S.G.S. 7.5 min. Topographic Quadrangle	Receiving Waters	Chapter 93, Designated Use Stream Classification	Chapter 93, Existing Use Stream Classification	Siltation Impaired
	MLV-505LD86 Sugar Hollow Valve Yard	Effort	18330	Monroe	Chestnut Hill Township		8.8 (Included within above total)	40.96775, -75.42980		Sugar Hollow Creek	CWF, MF	-	No
	CY-MO-001	Saylorsburg	18353	Monroe	Ross Township		50.1 (Included within above total)	40.89803, -75.36784		Lake Creek, Princess Run	HQ-CWF, MF, CWF	-	No
Delaware River Regulator		Easton	18040	Northampton	Lower Mt. Bethel	11.28	3.25	40.76220 -75.19653	Bangor, PA	Mud Run	CWF, MF	-	No
Mainline "A" Regulator		Washington Crossing	18977	Bucks	Lower Makefield	0.94	0.530	40.26807, -74.85712	Pennington, NJ-PA	Dyers Creek, Delaware River	MF, WWF	-	No
Compressor Station 200		Frazer	19335	Chester	East Whiteland	20.28	3.16	40.04998, -75.58589	Malvern, PA	Valley Creek	EV, MF, CWF	-	Yes
Compressor Station 515		White Haven	18661	Luzerne	Buck	952.63 (Included with Regional Energy Lateral)	24.83 (included with Regional Energy Lateral)	41.17380, -75.67118	Pleasant View Summit, PA	Shades Creek, Stony Run	HQ-CWF, MF	-	No

COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
BUREAU OF CLEAN WATER

MUNICIPAL NOTIFICATION OF PLANNED LAND DEVELOPMENT FOR CHAPTER 102 PERMITS

PROJECT INFORMATION (COMPLETED BY APPLICANT)

Applicant Name:	**Transcontinental Gas Pipe Line Company, a subsidiary of Williams Partners, L.P.**	Contact Name:	**Joseph Dean** **Manager-Permitting**
Applicant Address:	**2800 Post Oak Blvd, Level 11**	Contact Phone:	**(713) 215-3427**
Applicant City, State, ZIP:	**Houston, TX 77056**	County:	**Northampton**
		Municipality:	**Lower Mt. Bethel**

Description of Proposed Land Development and Stormwater Controls:

The existing Delaware River Regulator component of the Regional Energy Access Expansion Project is proposed to upsize the existing control valves and associated controls, replace Annubar and install 24" backpressure regulator for B line. E&S BMP's are proposed.

Project Area: **11.28** acres ☐ Phased

Disturbance: **3.25** acres

Surface Waters Receiving Stormwater Discharges:

Mud Run

Tax Parcel ID(s) Affected by Proposed Land Development:

H10 7 2 0117, H10 6 15 0117, H10 6 15A 0117, H10 7 1A 0117, H10 7 3 0117

Discharge to: ☐ MS4 ☐ Other SS ☐ CSS

The following information was submitted to the municipality for this project:

☐ Land Development / Subdivision Plan ☒ E&S Plan ☐ PCSM Plan ☐ Other:

***On March 31, 2021 Transco submitted to you its E&S and PCSM Plans (Plans) as part of the ESCGP-3 permit application notification. Transco provided an update in July 2021 indicating the Erosion and Sediment Control Permit for Discharges of Stormwater Associated with Construction Activities Application was submitted to the PA Dept. of Environmental Protection to replace the ESCGP-3 application. Transco has updated the application in**

response to the PADEP Technical Deficiencies and is providing the updated materials. Updated drawings, location maps, GIF form and Parcel ID tables are included.

MUNICIPAL PLAN / ORDINANCE INFORMATION (COMPLETED BY MUNICIPALITY)		
1. Is there an adopted municipal or multi-municipal comprehensive plan?	☐ Yes	☐ No
2. Is there an enacted municipal or multi-municipal zoning ordinance?	☐ Yes	☐ No
3. If Yes to #2, is the proposed project consistent with the ordinance?	☐ Yes	☐ No
4. Is there a municipal stormwater management ordinance?	☐ Yes	☐ No
5. If Yes to #4, is the proposed project consistent with the ordinance, without waiver?	☐ Yes	☐ No

6. If Yes to #4, indicate type of ordinance: ☐ Act 167 Model Ordinance ☐ DEP Model Ordinance (MS4s) ☐ Other

APPLICANT CERTIFICATION	MUNICIPAL ACKNOWLEDGEMENT
I certify under penalty of law (see 18 Pa.C.S. § 4904 (relating to unsworn falsification)) that the information reported herein was prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the information, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.	The municipality acknowledges that a permit application for the above-referenced project has been submitted to a reviewing agency and that notification requirements of Act 14 of 1984 and Acts 67, 68, and 127 of 2000 have been satisfied. The information reported herein by the municipality is true and accurate. The municipality reserves the right to comment to the reviewing agency relative to comprehensive plans, zoning, and stormwater ordinance consistency. Municipal acknowledgment of receipt of notification shall not be construed as project approval.

Joseph Dean

Applicant Name

Municipal Representative Name

Applicant Signature

Municipal Representative Signature

Manager - Permitting

Applicant Title

Municipal Representative Title

04/06/2022

Date of Signature

Date of Signature

From: UPS
To: SFOX@WHMGROUP.COM
Subject: UPS Delivery Notification, Tracking Number 1Z8797VV0392809975
Date: Friday, April 8, 2022 12:49:38 PM

Hello, your package has been delivered.

Delivery Date: Friday, 04/08/2022
Delivery Time: 12:42 PM
Left At: OFFICE
Signed by: MASTRO

WHM CONSULTING, INC

Tracking Number:	1Z8797VV0392809975
Ship To:	LOWER MOUNT BETHEL TOWNSHIP SUPERV 2004 HUTCHINSON AVENUE BANGOR, PA 18013 US
Number of Packages:	1
UPS Service:	UPS Ground
Package Weight:	1.0 LBS
Reference Number:	WILLIAMS-20-266, T002

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Transcontinental Gas Pipe Line Company, LLC

Section 1-11 – General Information Form

Regional Energy Access Expansion Project

April 2021
(Added July 2021)
(Revised March 2022)

pennsylvania
DEPARTMENT OF ENVIRONMENTAL PROTECTION

COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION

GENERAL INFORMATION FORM – AUTHORIZATION APPLICATION

Before completing this General Information Form (GIF), read the step-by-step instructions provided in this application package. This form is used by the Department of Environmental Protection (DEP) to inform our programs regarding what other DEP permits or authorizations may be needed for the proposed project or activity. This version of the General Information Form (GIF) must be completed and returned with any program-specific application being submitted to the DEP.

Related ID#s (If Known)				DEP USE ONLY
Client ID#		**APS ID#**		Date Received & General Notes
Site ID#		**Auth ID#**		
Facility ID#				

CLIENT INFORMATION

DEP Client ID#	Client Type / Code	Dun & Bradstreet ID#
163321	LLC	

Legal Organization Name or Registered Fictitious Name	Employer ID# (EIN)	Is the EIN a SSN?
Transcontinental Gas Pipe Line Company, LLC	74-1079400	☐ Yes ☒ NO

State of Incorporation or Registration of Fictious Name

☐ Corporation ☒ LLC ☐ Partnership ☐ LLP ☐ LP
☐ Sole Proprietorship ☐ Association/Organization
☐ Estate/Trust ☐ Other

Individual Last Name	First Name	MI	Suffix

Additional Individual Last Name	First Name	MI	Suffix

Mailing Address Line 1	Mailing Address Line 2
2800 Post Oak Blvd, Level 11	

Address Last Line – City	State	ZIP+4	Country
Houston	TX	77056	United States

Client Contact Last Name	First Name	MI	Suffix
Dean	Joseph		

Client Contact Title	Phone	Ext	Cell Phone
Manager, Permitting	(713) 215-3427		

Email Address	FAX
Joseph.Dean@Williams.com	

SITE INFORMATION

DEP Site ID#	Site Name
	Regional Energy Access Expansion Project

EPA ID# **Estimated Number of Employees to be Present at Site**

Description of Site
The Project is an expansion of an existing natural gas transmission system consisting of pipelines, modification of three existing compressor stations and additional existing ancillary facilities.

Tax Parcel ID(s):

County Name(s)	Municipality(ies)	City	Boro	Twp	State
Luzerne	Buck, Bear Creek, Plains, Jenkins, Kingston, Dallas, Wyoming, West Wyoming, Laflin	☐	☒	☒	PA
Monroe	Ross, Chestnuthill, Tunkhannock	☐	☐	☒	PA
Northampton	Lower Mt. Bethel	☐	☐	☒	PA
Bucks	Lower Makefield	☐	☐	☒	PA
Chester	East Whiteland	☐	☐	☒	PA
		☐	☐	☒	PA
		☐	☒	☐	PA

Site Location Line 1	Site Location Line 2
See Section 1.1 - GIF Supporting Information	

Site Location Last Line – City	State	ZIP+4

Detailed Written Directions to Site
See Secton 1.1 - GIF Supporting Information for locations of all project sites.

Site Contact Last Name	First Name	MI	Suffix
Henry	Josh		

Site Contact Title	Site Contact Firm
Environmental Specialist	Transcontinental Gas Pipe Line Company, LLC.

Mailing Address Line 1	Mailing Address Line 2
2000 Commerce Drive, Park Place 2	

Mailing Address Last Line – City	State	ZIP+4
Pittsburgh	PA	15275

Phone	Ext	FAX	Email Address
(412) 787- 4277			Josh.Henry@Williams.com

NAICS Codes (Two- & Three-Digit Codes – List All That Apply) **6-Digit Code** (Optional)
221

Client to Site Relationship
OWNOP

FACILITY INFORMATION

Modification of Existing Facility	Yes	No
1. **Will this project modify an existing facility, system, or activity?**	☒	☐
2. **Will this project involve an addition to an existing facility, system, or activity?**	☒	☐

If "Yes", check all relevant facility types and provide DEP facility identification numbers below.

	Facility Type	DEP Fac ID#		Facility Type	DEP Fac ID#
☐	Air Emission Plant		☐	Industrial Minerals Mining Operation	
☐	Beneficial Use (water)		☐	Laboratory Location	
☐	Blasting Operation		☐	Land Recycling Cleanup Location	
☐	Captive Hazardous Waste Operation		☐	Mine Drainage Treatment / Land Recycling Project Location	
☐	Coal Ash Beneficial Use Operation		☐	Municipal Waste Operation	
☐	Coal Mining Operation		☐	Oil & Gas Encroachment Location	
☐	Coal Pillar Location		☐	Oil & Gas Location	
☐	Commercial Hazardous Waste Operation		☐	Oil & Gas Water Poll Control Facility	
☐	Dam Location		☐	Public Water Supply System	
☐	Deep Mine Safety Operation -Anthracite		☐	Radiation Facility	
☐	Deep Mine Safety Operation -Bituminous		☐	Residual Waste Operation	
☐	Deep Mine Safety Operation -Ind Minerals		☐	Storage Tank Location	
☐	Encroachment Location (water, wetland)		☐	Water Pollution Control Facility	
☐	Erosion & Sediment Control Facility		☐	Water Resource	
☐	Explosive Storage Location		☒	Other: Natural Gas Transmission	

Latitude/Longitude Point of Origin	Latitude Degrees	Latitude Minutes	Latitude Seconds	Longitude Degrees	Longitude Minutes	Longitude Seconds
See Section 1.1 - GIF Supporting Information						

Horizontal Accuracy Measure	Feet	*--or--*	Meters
Horizontal Reference Datum Code	☐ North American Datum of 1927 ☒ North American Datum of 1983 ☐ World Geodetic System of 1984		
Horizontal Collection Method Code	GISDR		
Reference Point Code	CNTAR		
Altitude	Feet	*--or--*	Meters
Altitude Datum Name	☐ The National Geodetic Vertical Datum of 1929 ☒ The North American Vertical Datum of 1988 (NAVD88)		
Altitude (Vertical) Location Datum Collection Method Code	TOPO		

Geometric Type Code	POINT				
Data Collection Date	2020				
Source Map Scale Number	1	Inch(es)	=	2,000	Feet
--or--		Centimeter(s)	=		Meters

PROJECT INFORMATION

Project Name
Regional Energy Access Expansion Project

Project Description
The Project is an expansion of Transco's existing natural gas transmission system that will enable Transco to provide an incremental 829,400 dekatherms per day (Dth/d) of year-round firm transportation capacity from the Marcellus Shale production area in northeastern Pennsylvania (PA) to multiple delivery points along Transco's Leidy Line in PA, Transco's mainline at the Station 210 Zone 6 Pooling Point in Mercer County, New Jersey (NJ) and multiple delivery points in Transco's Zone 6 in NJ, PA, and Maryland (MD). The Project will consist of the following components:

• Approximately 22.2 miles of 30-inch-diameter pipeline partially collocated with Transco's Leidy Line A from milepost (MP) 0.00 to MP 22.32 in Luzerne County, PA (Regional Energy Lateral);

• Approximately 13.8 miles of 42-inch-diameter pipeline collocated with Transco's Leidy Line System from MP 43.72 to MP 57.50 in Monroe County, PA (Effort Loop);

• New electric motor-driven compressor station identified as Compressor Station 201 with 9,000 nominal horsepower (HP) in Gloucester County, NJ;

• Addition of two gas-fired turbine driven compressor units with 31,800 nominal HP at ISO conditions at existing Compressor Station 505 in Somerset County, NJ, to accommodate the abandonment and replacement of approximately 16,000 HP from eight existing internal combustion engine-driven compressor units and increase the certificated station compression by 15,800 HP;

• Addition of two gas-fired turbine driven compressor units with 63,742 nominal HP at ISO conditions and modification of three existing compressors at existing Compressor Station 515 in Luzerne County, PA to support the Project and to accommodate the abandonment and replacement of approximately 17,000 HP from five existing gas-fired reciprocating engine driven compressors and increase the certificated station compression by 46,742 HP;

• Uprate and rewheel two existing electric motor-driven compressor units at existing Compressor Station 195 in York County, PA to increase the certificated station compression by 6,000 HP and accommodate the abandonment of two existing gas-fired reciprocating engine driven compressors, which total approximately 8,000 HP;

• Modifications at existing Compressor Station 200 in Chester County, PA;

• Uprate one existing electric motor-driven compressor unit at Compressor Station 207 in Middlesex County, NJ to increase the certificated station compression by 4,100 HP;

• Modifications to three (3) existing pipeline tie-ins in PA (Hildebrandt Tie-in, Lower Demunds REL Tie-in, and Carverton Tie-in);

• Addition of regulation controls at an existing valve setting on Transco's Mainline "A" in Bucks County, PA (Mainline A Regulator);

• Modifications at the existing Delaware River Regulator in Northampton County, PA;

• Modifications at the existing Centerville Regulator in Somerset County, NJ;

• Modifications to the existing valves and piping at the Princeton Junction (Station 210 Pooling Point) in Mercer County, NJ;

• Modifications to three (3) existing delivery meter stations in NJ (Camden M&R Station, Lawnside M&R Station, and Mt. Laurel M&R Station);

• Modifications to one (1) existing delivery meter station in MD (Beaver Dam M&R Station);

• Contractual changes (no modifications) at ten (10) existing delivery meter stations in PA and NJ (Algonquin-Centerville Meter Station, Post Road Meter Station, New Village Meter Station, Spruce Run Meter Station, Marcus Hook Meter Station, Ivyland Meter Station, Repaupo Meter Station, Morgan Meter Station, Lower Mud Run Meter Station, and Chesterfield Meter Station);

• Additional ancillary facilities, such as mainline valves (MLVs), cathodic protection, communication facilities, and internal inspection device (e.g., pig) launchers and receivers in PA; and

• Existing, improved, and new access roads and contractor yards/staging areas in PA, NJ, and MD.

In an ongoing effort to reduce its air emissions footprint, Transco is assessing the replacement of vintage gas-fired reciprocating engine driven compressors with more efficient state-of-the-art gas-fired turbine driven compressors. The proposed compression abandonment and replacement scopes at Transco's existing Compressor Station 505 and Compressor Station 515 are part of this effort and have been adopted into the Project scope. Additionally, the uprate and optimization of existing electric motor-driven compression to accommodate abandonment of gas-fired reciprocating engine driven compression at Compressor Station 195 has also been adopted into the Project scope.

The Algonquin-Centerville, Post Road, New Village, Spruce Run, Marcus Hook, Ivyland, Repaupo, Morgan, Lower Mud Run, and Chesterfield Meter Stations can accommodate the contractual changes proposed as part of this Project; therefore, no modifications are proposed at these facilities

Project Consultant Last Name	**First Name**	**MI**	**Suffix**
Nelson	Ryan		

Project Consultant Title	**Consulting Firm**
Senior Project Manager	WHM Consulting, LLC

Mailing Address Line 1	**Mailing Address Line 2**
2525 Green Tech Drive; Suite B	

Address Last Line – City	**State**	**ZIP+4**
State College	PA	16803

Phone	**Ext**	**FAX**	**Email Address**
(814) 689-1650	102		ryann@whmgroup.com

Time Schedules	**Project Milestone (Optional)**
March 2021	Submit 401 WQC
April 2021	Submit Chapter 102 / 105 Permits
2nd Quarter of 2023	Commence Construction
4th Quarter 2024	In-service Date

1. Is the project located in or within a 0.5-mile radius of an Environmental Justice community as defined by DEP? ☒ Yes ☐ No

To determine if the project is located in or within a 0.5-mile radius of an environmental justice community, please use the online Environmental Justice Areas Viewer.

2. Have you informed the surrounding community prior to submitting the application to the Department? ☒ Yes ☐ No

Method of notification:

1) Open house schedule mailed to affected parties;

2) Newspaper advertisements of open houses placed in newspapers of general circulation in the Project area;

3) Open houses (a mixture of virtual and in-person) held in the county of each major project scope item;
4) Newspaper advertisements prior to commencement of construction, which will be placed in those same publications;
5) Notification to businesses potentially affected by construction;
6) Designation of a point of contact for stakeholder communication;
7) A Project toll free telephone number for public inquiries; and
•8) A Project website with periodic updates of relevant information.

3. Have you addressed community concerns that were identified? ☒ Yes ☐ No ☐ N/A

If no, please briefly describe the community concerns that have been expressed and not addressed.

4. Is your project funded by state or federal grants? ☐ Yes ☒ No

Note: If "Yes", specify what aspect of the project is related to the grant and provide the grant source, contact person and grant expiration date.

Aspect of Project Related to Grant
Grant Source: _____
Grant Contact Person: _____
Grant Expiration Date: _____

5. Is this application for an authorization on Appendix A of the Land Use Policy? (For referenced list, see Appendix A of the Land Use Policy attached to GIF instructions) ☒ Yes ☐ No

Note: If "No" to Question 5, the application is not subject to the Land Use Policy.
If "Yes" to Question 5, the application is subject to this policy and the Applicant should answer the additional questions in the **Land Use Information** section.

LAND USE INFORMATION

Note: Applicants should submit copies of local land use approvals or other evidence of compliance with local comprehensive plans and zoning ordinances.

1.	**Is there an adopted county or multi-county comprehensive plan?**	☒	Yes	☐	No
2.	**Is there a county stormwater management plan?**	☒	Yes	☐	No
3.	**Is there an adopted municipal or multi-municipal comprehensive plan?**	☒	Yes	☐	No
4.	**Is there an adopted county-wide zoning ordinance, municipal zoning ordinance or joint municipal zoning ordinance?**	☒	Yes	☐	No
5.	**Does the proposed project meet the provisions of the zoning ordinance or does the proposed project have zoning approval?** If zoning approval has been received, attach documentation.	☒	Yes	☐	No
6.	**Have you attached Municipal and County Land Use Letters for the project?**	☐	Yes	☒	No

Note: If the Applicant answers "No" to either Questions 1, 3 or 4, the provisions of the PA MPC are not applicable and the Applicant does not need to respond to questions 5 and 6 below.
If the Applicant answers "Yes" to questions 1, 3 and 4, the Applicant should respond to questions 5 and 6 below.

* This Project is regulated by the Federal Energy Regulatory Commission (FERC) under the Natural Gas Act. FERC has exclusive jurisdiction over siting of the Project, therefore, local zoning is preempted.

COORDINATION INFORMATION

Note: The PA Historical and Museum Commission must be notified of proposed projects in accordance with DEP Technical Guidance Document 012-0700-001 utilizing the Project Review Form.

If the activity will be a mining project (i.e., mining of coal or industrial minerals, coal refuse disposal and/or the operation of a coal or industrial minerals preparation/processing facility), respond to questions 1.0 through 2.5 below.

If the activity will not be a mining project, skip questions 1.0 through 2.5 and begin with question 3.0.

1.0	**Is this a coal mining project?** If "Yes", respond to 1.1-1.6. If "No", skip to Question 2.0.	☐	Yes	☒	No
1.1	**Will this coal mining project involve coal preparation/ processing activities in which the total amount of coal prepared/processed will be equal to or greater than 200 tons/day?**	☐	Yes	☐	No
1.2	**Will this coal mining project involve coal preparation/ processing activities in which the total amount of coal prepared/processed will be greater than 50,000 tons/year?**	☐	Yes	☐	No
1.3	**Will this coal mining project involve coal preparation/ processing activities in which thermal coal dryers or pneumatic coal cleaners will be used?**	☐	Yes	☐	No
1.4	**For this coal mining project, will sewage treatment facilities be constructed and treated waste water discharged to surface waters?**	☐	Yes	☐	No
1.5	**Will this coal mining project involve the construction of a permanent impoundment meeting one or more of the following criteria: (1) a contributory drainage area exceeding 100 acres; (2) a depth of water measured by the upstream toe of the dam at maximum storage elevation exceeding 15 feet; (3) an impounding capacity at maximum storage elevation exceeding 50 acre-feet?**	☐	Yes	☐	No
1.6	**Will this coal mining project involve underground coal mining to be conducted within 500 feet of an oil or gas well?**	☐	Yes	☐	No
2.0	**Is this a non-coal (industrial minerals) mining project?** If "Yes", respond to 2.1-2.6. If "No", skip to Question 3.0.	☐	Yes	☒	No
2.1	**Will this non-coal (industrial minerals) mining project involve the crushing and screening of non-coal minerals other than sand and gravel?**	☐	Yes	☐	No
2.2	**Will this non-coal (industrial minerals) mining project involve the crushing and/or screening of sand and gravel with the exception of wet sand and gravel operations (screening only) and dry sand and gravel operations with a capacity of less than 150 tons/hour of unconsolidated materials?**	☐	Yes	☐	No
2.3	**Will this non-coal (industrial minerals) mining project involve the construction, operation and/or modification of a portable non-metallic (i.e., non-coal) minerals processing plant under the authority of the General Permit for Portable Non-metallic Mineral Processing Plants (i.e., BAQ-PGPA/GP-3)?**	☐	Yes	☐	No
2.4	**For this non-coal (industrial minerals) mining project, will sewage treatment facilities be constructed and treated waste water discharged to surface waters?**	☐	Yes	☐	No
2.5	**Will this non-coal (industrial minerals) mining project involve the construction of a permanent impoundment meeting one or more of the following criteria: (1) a contributory drainage area exceeding 100 acres; (2) a depth of water measured by the upstream toe of the dam at maximum storage elevation exceeding 15 feet; (3) an impounding capacity at maximum storage elevation exceeding 50 acre-feet?**	☐	Yes	☐	No

3.0	**Will your project, activity, or authorization have anything to do with a well related to oil or gas production, have construction within 200 feet of, affect an oil or gas well, involve the waste from such a well, or string power lines above an oil or gas well?** If "Yes", respond to 3.1-3.3. If "No", skip to Question 4.0.	☐	Yes	☒	No
3.1	**Does the oil- or gas-related project involve any of the following: placement of fill, excavation within or placement of a structure, located in, along, across or projecting into a watercourse, floodway or body of water (including wetlands)?**	☐	Yes	☐	No
3.2	**Will the oil- or gas-related project involve discharge of industrial wastewater or stormwater to a dry swale, surface water, ground water or an existing sanitary sewer system or storm water system?** If "Yes", discuss in *Project Description*.	☐	Yes	☐	No
3.3	**Will the oil- or gas-related project involve the construction and operation of industrial waste treatment facilities?**	☐	Yes	☐	No
4.0	**Will the project involve a construction activity that results in earth disturbance?** If "Yes", specify the total disturbed acreage.	☒	Yes	☐	No
	4.0.1 Total Disturbed Acreage + / - 672				
	4.0.2 Will the project discharge or drain to a special protection water (EV or HQ) or an EV wetland?	☒	Yes	☐	No
	4.0.3 Will the project involve a construction activity that results in earth disturbance in the area of the earth disturbance that are contaminated at levels exceeding residential or non-residential medium-specific concentrations (MSCs) in 25 Pa. Code Chapter 250 at residential or non-residential construction sites, respectively?	☐	Yes	☒	No
5.0	**Does the project involve any of the following: water obstruction and/or encroachment, wetland impacts, or floodplain project by the Commonwealth/political subdivision or public utility?** If "Yes", respond to 5.1-5.7. If "No", skip to Question 6.0.	☒	Yes	☐	No
5.1	**Water Obstruction and Encroachment Projects – Does the project involve any of the following: placement of fill, excavation within or placement of a structure, located in, along, across or projecting into a watercourse, floodway or body of water?**	☒	Yes	☐	No
5.2	**Wetland Impacts – Does the project involve any of the following: placement of fill, excavation within or placement of a structure, located in, along, across or projecting into a wetland?**	☒	Yes	☐	No
5.3	**Floodplain Projects by the Commonwealth, a Political Subdivision of the Commonwealth or a Public Utility – Does the project involve any of the following: placement of fill, excavation within or placement of a structure, located in, along, across or projecting into a floodplain?**	☐	Yes	☒	No
5.4	**Is your project an interstate transmission natural gas pipeline?**	☒	Yes	☐	No
5.5	**Does your project consist of linear construction activities which result in earth disturbance in two or more DEP regions AND three or more counties?**	☒	Yes	☐	No
5.6	**Does your project utilize Floodplain Restoration as a best management practice for Post Construction Stormwater Management?**	☐	Yes	☒	No
5.7	**Does your project utilize Class V Gravity / Injection Wells as a best management practice for Post Construction Stormwater Management?**	☐	Yes	☒	No
6.0	**Will the project involve discharge of construction related stormwater to a dry swale, surface water, ground water or separate storm water system?**	☒	Yes	☐	No

6.1	**Will the project involve discharge of industrial waste stormwater or wastewater from an industrial activity or sewage to a dry swale, surface water, ground water or an existing sanitary sewer system or separate storm water system?**	☒	Yes	☐	No
7.0	**Will the project involve the construction and operation of industrial waste treatment facilities?**	☐	Yes	☒	No
8.0	**Will the project involve construction of sewage treatment facilities, sanitary sewers, or sewage pumping stations?** If "Yes", indicate estimated proposed flow (gal/day). Also, discuss the sanitary sewer pipe sizes and the number of pumping stations/treatment facilities/name of downstream sewage facilities in the *Project Description*, where applicable.	☐	Yes	☒	No
	8.0.1 Estimated Proposed Flow (gal/day)				
9.0	**Will the project involve the subdivision of land, or the generation of 800 gpd or more of sewage on an existing parcel of land or the generation of an additional 400 gpd of sewage on an already-developed parcel, or the generation of 800 gpd or more of industrial wastewater that would be discharged to an existing sanitary sewer system?**	☐	Yes	☒	No
	9.0.1 Was Act 537 sewage facilities planning submitted and approved by DEP? If "Yes" attach the approval letter. Approval required prior to 105/NPDES approval.	☐	Yes	☐	No
10.0	**Is this project for the beneficial use of biosolids for land application within Pennsylvania?** If "Yes" indicate how much (i.e. gallons or dry tons per year).	☐	Yes	☒	No
	10.0.1 Gallons Per Year (residential septage)				
	10.0.2 Dry Tons Per Year (biosolids)				
11.0	**Does the project involve construction, modification or removal of a dam?** If "Yes", identify the dam.	☐	Yes	☒	No
	11.0.1 Dam Name				
12.0	**Will the project interfere with the flow from, or otherwise impact, a dam?** If "Yes", identify the dam.	☐	Yes	☒	No
	12.0.1 Dam Name				
13.0	**Will the project involve operations (excluding during the construction period) that produce air emissions (i.e., NOX, VOC, etc.)?**	☒	Yes	☐	No
	13.0.1 If "Yes", is the operation subject to the agricultural exemption in 35 P.S. § 4004.1?	☐	Yes	☒	No

13.0.2 If the answer to 13.0.1 is "No", identify each type of emission followed by the estimated amount of that emission.

Enter all types & amounts of emissions; separate each set with semicolons.

Summary of Compressor Station 515 Estimated Net Operational Potential to Emit (PTE): NOx - 196.8; CO - 314.40; VOC - 50.6; SO2 - 14.0; PM10/PM2.5 - 30.6; Single HAP (formaldehyde)- 8.7; Total HAP - 12.2; CO2e - 511,413 = Annual (tpy)

Summary of Pipeline and M&R Station Estimated Operational Potential to Emit (PTE): VOC - 1.17; Single HAP - 0.20; Total HAP - 0.20; CO2e - 5460.47 = Annual (tpy)

Modifications to Compressor Station 195 and Compressor Station 200 only include uprating existing electric motor-driven compression capacity or piping and valve modifications; therefore, Transco anticipates these facilities will have insignificant operational emissions.

14.0	**Does the project include the construction or modification of a drinking water supply to serve 15 or more connections or 25 or more people, at least 60 days out of the year?** If "Yes", check all proposed sub-facilities.	☐	Yes	☒	No
	14.0.1 Number of Persons Served _____				
	14.0.2 Number of Employee/Guests _____				
	14.0.3 Number of Connections _____				
	14.0.4 Sub-Fac: Distribution System	☐	Yes	☐	No
	14.0.5 Sub-Fac: Water Treatment Plant	☐	Yes	☐	No
	14.0.6 Sub-Fac: Source	☐	Yes	☐	No
	14.0.7 Sub-Fac: Pump Station	☐	Yes	☐	No
	14.0.8 Sub Fac: Transmission Main	☐	Yes	☐	No
	14.0.9 Sub-Fac: Storage Facility	☐	Yes	☐	No
15.0	**Will your project include infiltration of storm water or waste water to ground water within one-half mile of a public water supply well, spring or infiltration gallery?**	☒	Yes	☐	No
16.0	**Is your project to be served by an existing public water supply?** If "Yes", indicate name of supplier and attach letter from supplier stating that it will serve the project.	☐	Yes	☒	No
	16.0.1 Supplier's Name _____				
	16.0.2 Letter of Approval from Supplier is Attached	☐	Yes	☐	No
17.0	**Will this project be served by on-lot drinking water wells?**	☐	Yes	☒	No
18.0	**Will this project involve a new or increased drinking water withdrawal from a river, stream, spring, lake, well or other water bod(ies)?** If "Yes", reference Safe Drinking Water Program.	☐	Yes	☒	No
	18.0.1 Source Name				
19.0	**Will the construction or operation of this project involve treatment, storage, reuse, or disposal of waste?** If "Yes", indicate what type (i.e., hazardous, municipal (including infectious & chemotherapeutic), residual) and the amount to be treated, stored, re-used or disposed.	☐	Yes	☒	No
	19.0.1 Type & Amount				
20.0	**Will your project involve the removal of coal, minerals, contaminated media, or solid waste as part of any earth disturbance activities?**	☐	Yes	☒	No
21.0	**Does your project involve installation of a field constructed underground storage tank?** If "Yes", list each Substance & its Capacity. **Note:** Applicant may need a Storage Tank Site Specific Installation Permit.	☐	Yes	☒	No
	21.0.1 Enter all substances & capacity of each; separate each set with semicolons.				
22.0	**Does your project involve installation of an aboveground storage tank greater than 21,000 gallons capacity at an existing facility?** If "Yes", list each Substance & its Capacity. **Note:** Applicant may need a Storage Tank Site Specific Installation Permit.	☐	Yes	☒	No
	22.0.1 Enter all substances & capacity of each; separate each set with semicolons.				
23.0	**Does your project involve installation of a tank greater than 1,100 gallons which will contain a highly hazardous substance as defined in DEP's Regulated Substances List, 2570-BK-DEP2724?** If "Yes", list each Substance & its Capacity. **Note:** Applicant may need a Storage Tank Site Specific Installation Permit.	☐	Yes	☒	No
	23.0.1 Enter all substances & capacity of each; separate each set with semicolons.				

24.0	**Does your project involve installation of a storage tank at a new facility with a total AST capacity greater than 21,000 gallons?** If "Yes", list each Substance & its Capacity. **Note:** Applicant may need a Storage Tank Site Specific Installation Permit. **24.0.1 Enter all substances & capacity of each; separate each set with semicolons.**	☐	Yes	☒	No

NOTE: If the project includes the installation of a regulated storage tank system, including diesel emergency generator systems, the project may require the use of a Department Certified Tank Handler. For a full list of regulated storage tanks and substances, please go to www.dep.pa.gov search term storage tanks

25.0	**Will the intended activity involve the use of a radiation source?**	☐	Yes	☒	No

CERTIFICATION

I certify that I have the authority to submit this application on behalf of the applicant named herein and that the information provided in this application is true and correct to the best of my knowledge and information.

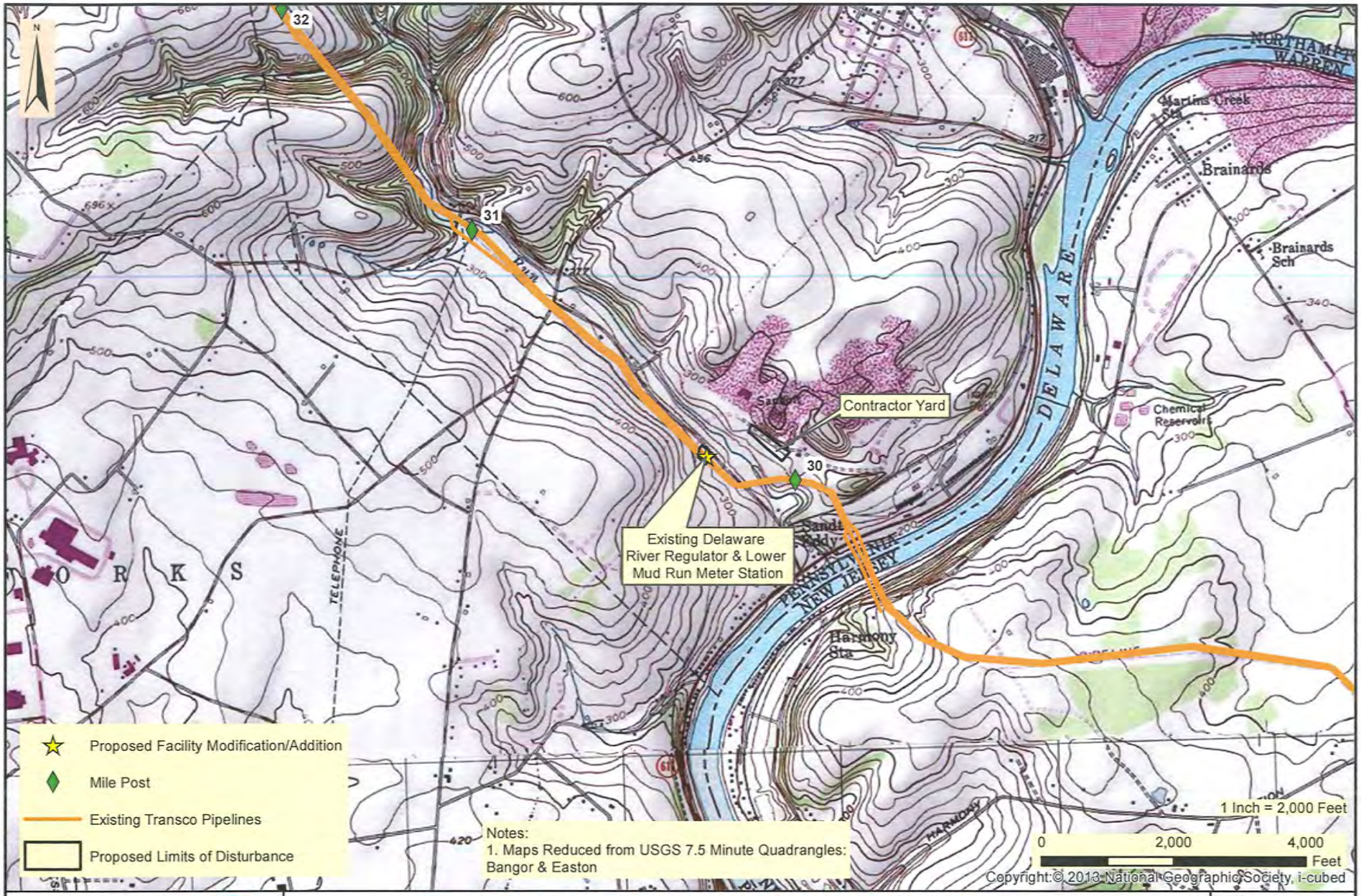
For applicants supplying an EIN number: I am applying for a permit or authorization from the Pennsylvania Department of Environmental Protection (DEP). As part of this application, I will provide DEP with an accurate EIN number for the applicant entity. By filing this application with DEP, I hereby authorize DEP to confirm the accuracy of the EIN number provided with the Pennsylvania Department of Revenue. As applicant, I further consent to the Department of Revenue discussing the same with DEP prior to issuance of the Commonwealth permit or authorization.

Type or Print Name Joseph Dean

Signature	Title	Date
	Manager, Permitting	02/24/2022

GIF Supporting Information

Project Component	Site	Site Location City	ZIP Code	Detailed Written Directions to Site	Latitude / Longitude
Effort Loop	Eastern Terminus	Saylorsburg	18353	From 209: heading East – Turn Right onto Frable Rd/T432. Follow for 1.7 miles. Turn Right onto Meixsell Valley Road/T361. Follow for .2 miles then turn left. Destination is in ~340 feet. Heading West-Turn Left onto Rte 115. Follow for 1.1 miles, then turn right onto Meixsell Valley Rd/T361. Continue for 1.4 miles then turn left. Destination is in ~340 feet.	40.896796, -75.370606
	Western Terminus	Long Pond	18334	From I-80: Heading East- Take exit 284 for PA-115 towards Blakeslee. Keep right at the fork, follow signs for Lake Harmony/Brodheadsville and merge on PA-115 S. Follow for 3.2 miles. Turn Left onto Long Pond Road. Destination will be in ~.2 miles. Heading West- Take exit 384 for PA-115 S. Turn left onto PA-115 S. Follow for 3.4 miles. Turn Left onto Long Pond Rd. Destination will be in ~.2 miles.	41.053413, -75.526178
Regional Energy Lateral	Eastern Terminus	White Haven	18661	From I-80: Heading West-Take exit 284 towards Blakeslee. Merge onto PA-115 N. Follow for 8.2 Miles. Turn Right onto Ridgeway Ave. Destination will be in .2 miles. Heading East- Take exit 284 towards Blakeslee. Turn left onto PA-115 N. Follow for 8.4 miles. Turn Right onto Ridgeway Ave. Destination will be in .2 miles. From I-476: Heading South- Take exit 105 to merge onto PA-115 S. Follow PA-115 S for 8.4 miles. Turn left onto Ridgeway Ave. Destination will be in .2 Miles	41.173337, -75.671706
	Western Terminus	Dallas	18612	From PA-309: Heading South-Head South on PA-309 S toward Dallas RV and MHP. Turn Left onto Hildebrandt Rd. Follow for .4 miles then turn right onto Conyngham Ave. Follow for .4 miles. Continue onto Fairground Road. Destination will be to the left in .2 Miles. Heading North-Head North on PA-309 N toward Grandview Ave. Turn right onto Hildebrandt Rd. Follow for .4 miles then turn right onto Conyngham Ave. Follow for .4 miles. Continue onto Fairground Road. Destination will be to the left in .2 Miles.	41.346917, -75.946263
Compressor Station 515		White Haven	18661	Same as REL Eastern Terminus	41.173337, -75.671706
Compressor Station 200		Frazer	19355	From I-76: East Bound- Take exit 312 toward PA-100 S/Pottstown Pike (Toll Rd). Keep left at the fork and follow signs for PA-100 S/Downingtown and merge onto PA-100 S/Pottstown Pike. Follow for 2.5 miles. Turn left onto N. Ship Rd and follow for .6 miles. Turn left onto Valley Hill Rd and follow for 1.7 miles. Turn right onto PA-401 E. Follow for .5 miles then turn right onto Bacton Hill Rd. Destination will be in .5 Miles. Heading West-Take exit 320 toward Melvern Turn left onto PA-29 S. Turn right at the 1st cross street onto Flat Rd. Turn right onto Sidley Road and then in .4 miles, turn left onto Phoenixville Pike. In .9 miles turn right onto PA-401 W and follow for 1 mile. Turn left onto N. Bacton Hill Road. Destination will be on the right in .5 miles.	40.049969, -75.585849
Delaware River Regulator/Lower Mud Run Meter Station		Easton	18040	To Delaware River Regulator- From 22: East Bound- Take the 4th Street/PA-248 Exit toward PA-611. Turn Left onto PA-248 E/Bushkill St. Follow for .4 miles then turn left onto PA-611 N. Keep right to continue on PA-611 N/N Delaware Dr and follow for 5 miles. Turn Left onto Lower Mud Run Rd. Destination will be on the left in .4 miles. To Lower Mud Run Meter Station- Head +/- 200' northwest from the Delaware River Regulator. The site is immediately adjacent to Delaware River Regulator.	40.762166, -75.19644/ 40.762706, -75.197631
Main Line A Regulator		Washington Crossing	18977	From I-295: Take exit 10 toward New Hope. Turn left onto Taylorsville Rd. Continue straight to stay on Taylorsville Rd. In .9 miles turn right onto Mt Eyre Rd. Follow for .2 miles then turn right onto PA-32 S. The destination will be on the right in 407 feet.	40.268063, -74.857125



M:\GIS\PROJECTS\REGIONAL_ENERGY_ACCESS\PROJECT LOCATION MAPPING\REVISED_MAPPING_APRIL_2020\REA_Delaware_LowerMudRun_ProjectLocation_8x11.mxd

Williams®

TRANSCONTINENTAL GAS PIPE LINE COMPANY, LLC

REGIONAL ENERGY ACCESS EXPANSION PROJECT
EXISTING DELAWARE RIVER REGULATOR AND LOWER MUD RUN METER STATION
PROJECT LOCATION MAP

LOWER MT BETHEL TOWNSHIP	NORTHAMPTON COUNTY	PENNSYLVANIA

Date: 2/28/2022

Drawn By: FTN

Figure Number: DEL/LMR-1

pennsylvania
DEPARTMENT OF ENVIRONMENTAL PROTECTION

COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
BUREAU OF CLEAN WATER

COUNTY NOTIFICATION OF PLANNED LAND DEVELOPMENT FOR CHAPTER 102 PERMITS

PROJECT INFORMATION (COMPLETED BY APPLICANT)

Applicant Name:	**Transcontinental Gas Pipe Line Company, a subsidiary of Williams Partners, L.P.**	Contact Name:	**Joseph Dean** **Manager-Permitting**
Applicant Address:	**2800 Post Oak Blvd, Level 11**	Contact Phone:	**(713) 215-3427**
Applicant City, State, ZIP:	**Houston, TX 77056**	County:	**Northampton**

Description of Proposed Land Development and Stormwater Controls:

The existing Delaware River Regulator component of the Regional Energy Access Expansion Project is proposed to upsize the existing control valves. E&S BMP's are proposed

Municipality: **Lower Mt. Bethel**

Project Area: **11.28** acres ☐ Phased

Disturbance: **3.25** acres

Surface Waters Receiving Stormwater Discharges:

Mud Run

Discharge to: ☐ MS4 ☐ Other SS ☐ CSS

Tax Parcel ID(s) Affected by Proposed Land Development:

H10 7 2 0117, H10 6 15 0117, H10 6 15A 0117, H10 7 1A 0117, H10 7 3 0117

The following information was submitted to the county for this project:

☐ Land Development / Subdivision Plan ☒ E&S Plan ☐ PCSM Plan ☐ Other:

***On March 31, 2021 Transco submitted to you its E&S and PCSM Plans (Plans) as part of the ESCGP-3 permit application notification. The purpose of this notice is to let you know that Transco will be submitting an Erosion and Sediment Control Permit for Discharges of Stormwater Associated with Construction Activities Application to the PA Dept. of Environmental Protection to replace the ESCGP-3 application. Please refer to the previously submitted Plans.**

COUNTY PLAN INFORMATION (COMPLETED BY COUNTY)

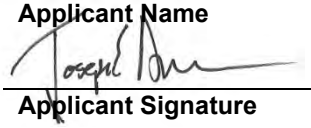
Name of county organization completing this assessment:

1.	Is there an adopted county or multi-county comprehensive plan?	☐ Yes	☐ No	
2.	If Yes to #1, is the proposed project consistent with the county plan?	☐ Yes	☐ No	
3.	Is there a DEP-approved Act 167 stormwater management plan?	☐ Yes	☐ No	☐ CCD
4.	If Yes to #3, is the proposed project consistent with the Act 167 plan, without waiver?	☐ Yes	☐ No	☐ CCD
5.	If Yes to #3, list the date of the latest plan / update approved by DEP:			☐ CCD

APPLICANT CERTIFICATION	COUNTY ACKNOWLEDGEMENT
I certify under penalty of law (see 18 Pa.C.S. § 4904 (relating to unsworn falsification)) that the information reported herein was prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the information, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.	The county acknowledges that a permit application for the above-referenced project has been submitted to a reviewing agency and that notification requirements of Act 14 of 1984 and Acts 67, 68, and 127 of 2000 have been satisfied. The information reported herein by the county is true and accurate. County acknowledgment of receipt of notification shall not be construed as project approval.

Joseph Dean

Applicant Name



Applicant Signature

Manager - Permitting

Applicant Title

07/01/2021

Date of Signature

County Representative Name

County Representative Signature

County Representative Title

Date of Signature

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To: SFOX@WHMGROUP.COM
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WHM CONSULTING, INC

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Reference Number:	WILLIAMS-20-244, TASK 2C

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March 31, 2021

UPS TRACKING (1Z8797VV0393096547)

Northampton County Council
669 Washington Street
Easton, PA 18042

Re: Regional Energy Access Expansion Project – Delaware River Regulator
Pennsylvania Acts 14, 67, 68, and 127 Notification
Lower Mount Bethel Township, Northampton County, Pennsylvania

Dear County Council Members:

This municipal notice, under the requirements of Act 14, 97 P.S. § 510-5, is to inform you that Transcontinental Gas Pipe Line Company, LLC (Transco), a subsidiary of The Williams Companies, Inc. (Williams) is applying for coverage under the Erosion and Sediment Control General Permit (ESCGP-3) for Earth Disturbance Associated with Oil & Gas Exploration, Production, Processing or Treatment Operations or Transmission Facilities from the Pennsylvania Department of Environmental Protection (DEP).

1) Project Name: Regional Energy Access Expansion Project – Delaware River Regulator

2) Project Description: Transco, indirectly owned by The Williams Companies, Inc. (Williams), is seeking authorization from the Federal Energy Regulatory Commission (FERC or Commission) under Section 7(c) of the Natural Gas Act and Part 157 of the Commission's regulations, to construct, own, operate, and maintain the proposed Project facilities. The Project is an expansion of Transco's existing natural gas transmission system that will enable Transco to provide an incremental 829,400 dekatherms per day (Dth/d) of year-round firm transportation capacity from the Marcellus Shale production area in northeastern Pennsylvania (PA) to multiple delivery points along Transco's Leidy Line in PA, Transco's mainline at the Station 210 Zone 6 Pooling Point in Mercer County, New Jersey (NJ) and multiple delivery points in Transco's Zone 6 in NJ, PA, and Maryland (MD).

The existing Delaware River Regulator component of the Project is located in Lower Mt. Bethel Township, Northampton County. Proposed are facility modifications to upsize the existing control valves.

3) Applicant Name: Transcontinental Gas Pipe Line Company, LLC's (Transco), a subsidiary of Williams Partners L.P. (Williams)

4) Applicant Contact: Joseph Dean
Environmental Manager
2800 Post Oak Blvd, Level 11
Houston, TX 77056
(713) 215-3417

5) Site Location: The proposed Project is located on the Bangor, Pennsylvania, 7.5 Minute USGS quadrangle at 40°45'43.76"N, 75°11'47.46"W.

6) Municipality / County: Lower Mount Bethel Township, Northampton County

Act 14, which amended the Commonwealth's Administrative Code (71 P.S. § 510-5), requires every applicant for a new, amended, or revised permit to give written notice to each municipality (borough, township) and county government in which the facility is located. The municipality and county government must receive the written notice at least thirty (30) - days before DEP may issue or deny approval of coverage.

Enclosed is a complete copy of the Notice of Intent (NOI) completed for the project as well as copies of the erosion and sediment control plans.

Sincerely,

Ryan J. Nelson, PWS
WHM Consulting, LLC

Enclosures:
NOI Form
Erosion and Sediment Control Plan Drawings

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WHM CONSULTING, INC

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Ship To:	NORTHAMPTON COUNTY COUNCIL 669 WASHINGTON STREET EASTON, PA 18042 US
Number of Packages:	1
UPS Service:	UPS Ground
Package Weight:	1.0 LBS
Reference Number:	WILLIAMS 20-266, TASK 2

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pennsylvania
DEPARTMENT OF ENVIRONMENTAL PROTECTION

COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
OFFICE OF WATER PROGRAMS
OFFICE OF OIL AND GAS MANAGEMENT

OFFICIAL USE ONLY
ID # T
Date Received
AUTH
SITE
CLNT
APS
Fee
Check No.
Check Date

NOTICE OF INTENT (NOI) FOR COVERAGE UNDER THE EROSION AND SEDIMENT CONTROL GENERAL PERMIT (ESCGP-3) FOR EARTH DISTURBANCE ASSOCIATED WITH OIL AND GAS EXPLORATION, PRODUCTION, PROCESSING, OR TREATMENT OPERATIONS OR TRANSMISSION FACILITIES

READ THE INSTRUCTIONS PROVIDED IN THIS PERMIT APPLICATION PACKAGE BEFORE COMPLETING THIS FORM. PLEASE PRINT OR TYPE INFORMATION IN BLACK OR BLUE INK.

SECTION A. APPLICATION TYPE

Check one:

NEW ☒ **RENEWAL** ☐ **MAJOR MODIFICATIONS (Provide ESCGP number)** ☐

PHASED ☐ (check only if applicable; *note: Most projects are not submitted as phased projects*)

Check one: EXPEDITED ☐ **STANDARD** ☒

If an Expedited Review Process being requested, be advised that the Expedited Review is not available for all projects. Refer to Section D - Expedited Review Process of the ESCGP-3 NOI Instructions to determine if the project is eligible.

SECTION B. CLIENT INFORMATION

Applicant's Last Name (If applicable)	First Name	MI	Telephone No.
Organization Name or Registered Fictitious Name Transcontinental Gas Pipe Line Company, LLC (Contact: Joseph Dean)			Telephone No. (713) 215-3427
DEP Client ID No.			
Headquarters Mailing Address 2800 Post Oak Blvd, Level 11	City Houston	State TX	ZIP Code 77056
Email Address Joseph.Dean@williams.com			
Co-Applicant's Last Name (If applicable)	First Name	MI	Telephone No.
Organization Name or Registered Fictitious Name			Telephone No.

Address	City	State	ZIP Code
Email Address			

SECTION C. SITE INFORMATION			
Is there an existing ESCGP associated with this site? ☐ Yes ☒ No If yes, Permit No. _____			
Has a well permit application been submitted for this site? ☐ Yes ☒ No If yes, Permit No. _____ Does this site have a 911 address? ☐ Yes ☒ No If yes, provide site location address.			
Site Name Regional Energy Access Expansion Project			
Site Location See Attachment 1-1.1- NOI Supporting Information	Site No. (if another permit has been issued for the site)		
Site Location – City See Attachment 1-1.1- NOI Supporting Information		State PA	ZIP Code
Detailed Written Directions to Site See Attachment 1-1.1- NOI Supporting Information for locations of all project sites			

Primary Location	County	Municipality	City	Boro	Twp.
	Luzerne, Northhampton, Bucks, Chester, and Monroe	Buck, Bear Creek, Plains, Jenkins, Kingston, Lower Mt. Bethel, Ross, Chestnut Hill, Tunkhannock, Lower Makefield, East Whiteland and Dallas Townships Wyoming, West Wyoming, and Laflin Boroughs	☐	☒	☒

SECTION D. EXPEDITED REVIEW	
I. Expedited Review Eligibility	
1. Is any part of the project in the watershed of a surface water with an existing or designated use of exceptional value or high quality pursuant to Chapter 93 (relating to water quality standards), in an exceptional value wetland in accordance with 25 Pa. Code § 105.17, or in the watershed of an impaired surface water where the cause of the impairment is identified as siltation?	☒ Yes ☐ No
2. Will the project in which the well pad will be constructed be in or on a floodplain?	☐ Yes ☒ No
3. Is any earth disturbance located or proposed to be located on land known to be contaminated by the release of regulated substances as defined in Section 103 of Act 2, 35 P.S. § 6026.103?	☐ Yes ☒ No
4. Will naturally occurring geologic formations or soil conditions provide hazards to the project or surrounding environment or have the potential to cause or contribute to pollution when disturbed?	☒ Yes ☐ No
5. Do any unresolved non-compliance issues exist with the applicant or the facility?	☐ Yes ☒ No
6. Is the project a transmission project?	☒ Yes ☐ No

If yes to any of the above questions the project is not eligible for Expedited Review; If the project is eligible for Expedited Review, all the following items must be completed.	
II. Expedited Review Process	
1. Is the technically and administratively complete and accurate NOI package prepared and certified by a licensed professional?	☐ Yes ☐ No
2. Are E&S and PCSM/Site Restoration Plan drawings and narrative prepared and sealed by a licensed professional? *(Include interim restoration details when needed)*	☐ Yes ☐ No
3. Include a Resource Delineation Report and answer the following questions: (If the answer to question a. is "Yes" then skip to #4. If the answer to a. is "No" the applicant must answer "Yes" to at least one of the questions, b. through d. to be eligible for expedited review.)	
a. Were all wetland resources delineated during the growing season?	☐ Yes ☐ No
b. If not during the growing season, was a follow-up visit conducted during the growing season to verify/adjust boundaries and look for potentially missed resources?	☐ Yes ☐ No
c. Was a quality assurance field review conducted at a later date by an independent qualified wetland professional to verify boundaries and look for potentially missed resources? (If yes, attach Quality Assurance Field Review Report)	☐ Yes ☐ No
d. Was a Jurisdictional Determination (JD) or Preliminary JD conducted by the US Army Corps of Engineers on the whole project? (If yes, attach Preliminary or Jurisdictional Determination Report)	☐ Yes ☐ No
4. If applicable, have you included PNDI clearance letters or other documentation from applicable resource agencies?	☐ Yes ☐ No
5. If the project site contains, is along, or within 100 feet of a river, stream, creek, lake, pond or reservoir, will you establish new or preserve existing riparian forest buffer at least 100 feet in width between the top of streambank or normal pool elevation of a lake, pond or reservoir and areas of earth disturbances. If no, will a waiver be obtained? ☐ Yes ☐ No	☐ Yes ☐ No
6. Name of Licensed Professional Company	
Address	
Phone	

SECTION E. PROJECT INFORMATION			
1. Total Project Area/Project Site (Ac):	1,346 (Also see Attachment 1-1.1)	Total Disturbed Area (Ac):	689.8 (Also see Attachment 1-1.1)
Increased disturbed acreage *(for permit modification only)*			
Fee: ***(For additional information regarding fees, refer to NOI Instructions #3 Permit NOI Filing Fees.)***			$ $500 (Filing Fee), $69,000 (Disturbed Acre Fee)
2. Project Name: Regional Energy Access Expansion Project			

3. Project Type (Check all that apply)

- ☐ Oil/Gas Well [1]
- ☐ Gathering Facility
- ☐ Treatment Facility
- ☒ Compressor Station
- ☒ Pipeline
- ☐ Storage Field Facility
- ☐ Other
- ☒ Transmission Facility
- ☐ Processing Facility
- ☐ Well Development Impoundment
- ☐ Non-FERC regulated Transmission Facility
- ☐ Ground/Surface Water Withdrawal Site

[1] If Oil/Gas Well; is the well conventional or unconventional? ☐ Conventional ☐ Unconventional

Project Description

Transco, indirectly owned by The Williams Companies, Inc. (Williams), is seeking authorization from the Federal Energy Regulatory Commission (FERC or Commission) under Section 7(c) of the Natural Gas Act and Part 157 of the Commission's regulations, to construct, own, operate, and maintain the proposed Project facilities

The Project is an expansion of Transco's existing natural gas transmission system that will enable Transco to provide an incremental 829,400 dekatherms per day (Dth/d) of year-round firm transportation capacity from the Marcellus Shale production area in northeastern Pennsylvania (PA) to multiple delivery points along Transco's Leidy Line in PA, Transco's mainline at the Station 210 Zone 6 Pooling Point in Mercer County, New Jersey (NJ) and multiple delivery points in Transco's Zone 6 in NJ, PA, and Maryland (MD). The Project will consist of the following components:
•Approximately 22.3 miles of 30-inch-diameter pipeline partially collocated with Transco's Leidy Line A from milepost (MP) 0.00 to MP 22.32 in Luzerne County, PA (Regional Energy Lateral);
• Approximately 13.8 miles of 42-inch-diameter pipeline collocated with Transco's Leidy Line System from MP 43.72 to MP 57.50 in Monroe County, PA (Effort Loop);
• New gas-fired turbine driven compressor station identified as Compressor Station 201 with 11,107 nominal horsepower (HP) at International Organization of Standardization (ISO) conditions in Gloucester County, NJ;
• Addition of two gas-fired turbine driven compressor units with 31,800 nominal HP at ISO conditions at existing Compressor Station 505 in Somerset County, NJ, to accommodate the abandonment and replacement of approximately 16,000 HP from eight existing internal combustion engine-driven compressor units and increase the certificated station compression by 15,800 HP;
• Addition of two gas-fired turbine driven compressor units with 63,742 nominal HP at ISO conditions and modification of three existing compressors at existing Compressor Station 515 in Luzerne County, PA to support the Project and to accommodate the abandonment and replacement of approximately 17,000 HP from five existing gas-fired reciprocating engine driven compressors and increase the certificated station compression by 46,742 HP;
• Uprate and rewheel two existing electric motor-driven compressor units at existing Compressor Station 195 in York County, PA to increase the certificated station compression by 5,000 HP and accommodate the abandonment of two existing gas-fired reciprocating engine driven compressors which total approximately 8,000 HP of compression;
•Modifications at existing Compressor Station 200 in Chester County, PA;
•Uprate one existing electric motor-driven compressor unit at Compressor Station 207 in Middlesex County, NJ to increase the certificated station compression by 4,100 HP;
• Modifications to three (3) existing pipeline tie-ins in PA (Hildebrandt Tie-in, Lower Demunds REL Tie-in, and Carverton Tie-in);
•Addition of regulation controls at an existing valve setting on Transco's Mainline "A" in Bucks County, PA (Mainline A Regulator);
•Modifications at the existing Delaware River Regulator in Northampton County, PA;
•Modifications at the existing Centerville Regulator in Somerset County, NJ;
•Modifications to the existing valves and piping at the Princeton Junction (Station 210 Pooling Point) in Mercer County, NJ;
• Modifications to three (3) existing delivery meter stations in NJ (Camden M&R Station, Lawnside M&R Station, and Mt. Laurel M&R Station);
•Modifications to one (1) existing delivery meter station in MD (Beaver Dam M&R Station);
•Contractual changes (no modifications) at ten (10) existing delivery meter stations in PA and NJ (Algonquin-Centerville Meter Station, Post Road Meter Station, New Village Meter Station, Spruce Run Meter Station, Marcus Hook Meter Station, Ivyland Meter Station, Repaupo Meter Station, Morgan Meter Station, Lower Mud Run Meter Station, and Chesterfield Meter Station);
• Additional ancillary facilities, such as mainline valves (MLVs), cathodic protection, communication facilities, and internal inspection device (e.g., pig) launchers and receivers in PA; and
• Existing, improved, and new access roads and contractor yards/staging areas in PA, NJ, and MD.
Provide the date of pre-application meeting (if conducted with the Department) 04/27/20, 07/09/20, 09/04/20, 09/30/20, 12/15/20, 12/16/20, 01/06/21, 02/05/21

4. Provide the latitude and longitude coordinates for the center of the project. The coordinates should be in Decimal degrees and North American Datum 1983. The coordinates must meet the current DEP policy regarding locational accuracy. For linear projects provide the project's termini. See Attachment 1-1.1

Latitude (DD) . Longitude (DD) - .

Latitude (DD) . Longitude (DD) - .

Horizontal Collection Method: ☐ GPS ☒ Interpolated from U.S.G.S. Topographic Map ☐ DEP's eMAP

5. U.S.G.S. 7.5 min. topographic quadrangle Name (See Attachment 1-1.1)
(*Include a copy of the project area on the 7.5 min quad map)*

6. Will the project be conducted as a phased permit project? ☐ Yes ☒ No
If Yes, Include Master Site Plan Estimated Timetable for Phased Projects. ☐ Additional sheet(s) attached.

Phase No. or Name	Description	Total Area	Disturbed Area	Start Date	End Date

7. List existing and previous land use for a minimum of the previous 5 years. (See Section 2 of this ESCGP-3 Application)

8. Other Pollutants: Will the stormwater discharge contain pollutional substances other than sediment? ☐ Yes ☒ No

9. Will fuels, chemicals, solvents, other hazardous waste or materials be used or stored on site during earth disturbance activities or will Horizontal Directional Drilling (HDD) activities be conducted?
Yes ☒ No ☐ ***(If yes, Preparedness, Prevention and Contingency (PPC) Plan must be maintained on site during earth disturbance. See NOI Instructions, E.9 PPC Plan Guidance for further information.)***

10. Is the project in the watershed of an impaired surface water where the cause of the impairment is identified as siltation?
Yes ☒ No ☐ (See Section 2-5 of this ESCGP-3 Application) ***(If yes, show how the project will not result in a net change in volume, rate or water quality. See section I below, and E.10 of NOI instructions.)***

11. Are there potentially hazardous naturally occurring geological or soil conditions in any portion of the project or surrounding area? Yes ☒ No ☐

If yes, do the potentially hazardous geologic or soil conditions have the potential to cause or contribute to pollution as a result of the proposed earth disturbance activities?

If no, provide an explanation.

If yes, Geologic Hazard Mitigation Plan must be attached and explain where in this application details are provided.

12. Has the Act 14 Municipal Notification and proof of receipt of notification been attached to the NOI?
Yes ☒ No ☐ ***(If not, the NOI is not complete, see E.12 and #4 Municipal Notification in the NOI Instructions for additional guidance.)***

13. Has the PNDI receipt been attached to the NOI?
Yes ☒ No ☐ ***(If not, the NOI is not complete, see E.13 and #5 PNHP in the NOI Instructions for additional guidance.)***

14. Have the E&S Plan and PCSM/SR Plan been planned and designed to be consistent?
Yes ☒ No ☐

15. Have existing and/or proposed Riparian Forest Buffers been identified?
Yes ☒ N/A ☐ ***(If yes, they must be shown on the E&S Plan as well as the PCSM/SR Plans.)***

16. Have antidegradation implementation requirements for special protection waters been addressed?
Yes ☒ No ☐ N/A ☐ ***(If yes, antidegradation requirements must be included in the plan.)***

17. Has the seasonal high groundwater level been identified and 20-inch separation established at all excavation locations for pits for conventional operations and Well Development Impoundments for unconventional operations?

    Yes ☐ No ☐ N/A ☒

18. Receiving Waters	Chapter 93, Designated Use Stream Classification	Chapter 93, Existing Use Stream Classification
Effort Loop- Lake Creek (HQ-CWF,MF) Princess Run (CWF,MF) Weir Creek (CWF,MF) McMichael Creek (EV, MF) and (HQ-CWF) Pohopoco Creek (CWF,MF) Sugar Hollow Creek (CWF,MF) Poplar Creek (EV,CWF,MF) Mud Run (HQ-CWF, MF) Mud Pond Run (HQ-CWF,EV,MF) Tunkhannock Creek (HQ-CWF,MF) Regional Energy Lateral- Stony Run (HQ-CWF,MF) Shades Creek (HQ-CWF,MF) Little Shades Creek (HQ-CWF,MF) Snider Run (HQ-CWF,MF) Meadow Run (HQ-CWF,MF) Bear Creek (HQ-CWF,MF) Little Bear Creek (HQ-CWF,MF) Mill Creek (CWF,MF) Gardner Creek (CWF,MF) Susquehanna River (WWF,MF) Abrahams Creek (CWF,MF) Toby Creek (CWF,MF) Trout Brook (CWF,MF) Compressor Station 515- Shades Creek (HQ-CWF,MF) Stony Run (HQ-CWF,MF) Compressor Station 200- Valley Creek (EV,MF) Delaware River Regulator- Mud Run (CWF, MF) Mainline "A" Regulator - Dyers Creek (WWF,MF) See Attachment 1-1.1 for detailed list.	☒ HQ ☒ EV ☒ Other CWF, MF, WWF ☒ Siltation-impaired	☐ HQ ☒ EV ☒ Other MF ☐ Siltation-impaired
	☐ HQ ☐ EV ☐ Other _____ ☐ Siltation-impaired	☐ HQ ☐ EV ☐ Other _____ ☐ Siltation-impaired

	☐ HQ ☐ EV ☐ Other _____ ☐ Siltation-impaired ☐ HQ ☐ EV ☐ Other _____ ☐ Siltation-impaired	☐ HQ ☐ EV ☐ Other _____ ☐ Siltation-impaired ☐ HQ ☐ EV ☐ Other _____ ☐ Siltation-impaired
Secondary Receiving Water	Secondary Chapter 93, Designated Use	Secondary Existing Use
Name of Municipal or Private Separate Storm Sewer Operator, if applicable.		
Non-Surface Receiving Water: (include off-site discharges)		

SECTION F. EROSION AND SEDIMENT CONTROL (E&S) PLAN

See the attached Instructions for additional guidance with E&S Plans

Erosion and Sediment Control Plan BMPs should be designed to minimize accelerated erosion and sedimentation through limiting the extent and duration of earth disturbance, protection of existing drainage and vegetation, limiting soil compaction and controlling the generation of increased runoff. The Department recommends the use of the *Pennsylvania Erosion & Sedimentation Pollution Control Program Manual (E&S Manual)* (363-2134-008) to achieve this goal. The E&S Plan must meet the requirements of Pa. Code § 102.4(b) and submitted with the NOI. Also, see section 2. of the NOI instruction for detailed information on completing the E&S plan and additional requirements.

a. E&S Plan Summary

Provide a summary of proposed E&S BMPs and their performance to manage E&S for the project.

Typical BMPs provided along the pipeline Right-Of-Way includes waterbars, trench plugs, compost filter socks, compost sediment traps, rock filter outlets, erosion control blankets, rock construction entrances, temporary equipment bridges, timber mats, diversion channels, level spreaders, mulch and seed. An appropraite sediment removal device (filter bag, dewatering structure) and well-vegetated area will be utilized for trench dewatering. In HQ, EV watersheds, appropriate Antidegradation Best Available Combination of Technologies (ABACT) BMPs will be utilized. Additional information regarding all the proposed BMPs are provided in the Erosion and Sedimentation Control and Site Restoration Plans of respective project components (Section 2 of this ESCGP-3 Application).

b. E&S Plan BMP Design

Check those that apply:

☒ E&S Plan is designed using BMPs in the *E&S Manual*.

☐ E&S Plan is designed using an alternative BMP or design standard approved by DEP.

Note: NOI packages submitted with alternate BMPs not approved by the Department will be returned to the Applicant.

c. Do you have any information regarding riparian buffer which differs from Section G, Riparian Buffer?

Yes ☐ No ☒

Explain:

d. Thermal Impacts Analysis

Explain how thermal impacts associated with this project were avoided, minimized, or mitigated.

Thermal impacts associated with Regional Energy Access Expansion Project will be avoided to the maximum extent possible. Minimum permanent changes in land cover are being proposed for constructing the pipeline facilities. Runoff from impervious areas added during the project will be suitably routed to Stormwater BMPs. Gravel will be used for access roads wherever practicable. To avoid thermal impacts arising from clearing and grading, removal of vegetation will be limited to only that necessary for construction and construction Right-Of-Way will be limited to 75 feet in wetlands and floodways where practical. Once construction activities are complete, disturbed areas will be restored to pre-construction contours and seeded as described in Erosion and Sediment Control and Site Restoration Plans. Temporary workspaces will be restored back with woody and herbaceous species. Thermal impacts assessments corresponding to each project component including pipelines and aboveground facilities are given in Section 2 and 3 of this ESCGP-3 Application.

e. Off-Site Discharge Analysis

Does the activity propose any off-site discharges to areas other than surface waters? ☒ Yes ☐ No

If yes, it is the applicant's responsibility to ensure that they have legal authority for any off-site discharge to neighboring properties.

The applicant must provide a demonstration in both E&S and PCSM/SR plans that the discharge will not cause erosion, damage, or a nuisance to off-site properties.

See Offsite Discharge Analysis Sections in E&S Narratives

SECTION G. RIPARIAN BUFFER

1. Will you be protecting, converting or establishing a voluntary riparian forest buffer as part of this project?
   ☐ Yes ☒ No
   If yes, as part of the PCSM/SR Plan, provide a Buffer Management Plan.
2. Will proposed earth disturbance activities be conducted in an EV or HQ watershed AND within 150 feet of a perennial or intermittent river, stream, or creek, or lake, pond, or reservoir? ☒ Yes ☐ No

   If no, proceed to the next section/module.
3. Does this project qualify for an exception (see § 102.14(d)(1))? ☒ Yes ☐ No

   If yes, indicate below the type of project for which the exception applies by marking the appropriate box.

   ☐ Oil and gas activities for which site reclamation or restoration is part of the permit authorization in Chapter 78 and 78a.

   ☒ Road maintenance activities.

   ☐ The repair or maintenance of existing pipelines and utilities.

   ☐ Other (see §102.14(d)(1))

   If exceptions are checked, explain how existing riparian buffer will be undisturbed to the extent practicable. Provide a demonstration that the requirements of §102.14(b) are met, or provide the necessary information to request a riparian buffer waiver.
4. Are you requesting a riparian buffer waiver for this project (see § 102.14(d)(2))? ☒ Yes ☐ No

   If yes, indicate below the type of project for which you are requesting a waiver by marking the appropriate box.

   ☒ Linear project that may include pipelines, public roadways, rail lines, or utility lines.

   ☒ Project is of a temporary nature where the site will be fully restored to its preexisting conditions during the ESCGP permit term.

   ☒ Project where compliance with mandatory riparian buffers is not appropriate or feasible due to site characteristics or existing structures at the project site.

   ☐ Other (see §102.14(d)(2)):

   If waivers are checked, explain how existing riparian buffers will be undisturbed to the extent practicable.

   Note: If “Yes” to #2 **AND** “No” to #3 and #4, provide an attachment to demonstrate how the requirements of §102.14 are met.

SECTION H. POST CONSTRUCTION STORMWATER MANAGEMENT (PCSM) AND/OR SITE RESTORATION(SR) PLAN

See NOI Instructions for additional guidance with PCSM Plans

PCSM/SR BMPs should be designed to use natural measures to eliminate pollution, infiltrate runoff, not require extensive construction/maintenance, promote pollutant reduction, and preserve the integrity of stream channels. All PCSM/SR BMPs proposed in the PCSM/SR Plan must be designed in accordance with Ch. 102, Ch. 78a for unconventional operations, Ch. 78 for conventional operations and the *Pennsylvania Stormwater Best Management Practices Manual (Stormwater BMP Manual)* (363-0300-002). If alternate design criteria are utilized for the proposed project, they must have prior approval by the Department, or the NOI Application will be returned to the Applicant.

After construction is completed, how much of the entire disturbed area will be restored to meadow in good condition or better, or existing conditions? ☐ All ☒ Partial ☐ None

Include PCSM narrative and drawings for remaining impervious area. Also include a map showing the proposed contours of the site restoration plan.

If there are additional stages of the project prior to permit termination or expiration, list the stages and provide the documents required by subsection 'a' to section 'g' for each stage (e.g. partial restoration or changes to the amount of compacted areas, gravel, and/or impervious areas). Upload a narrative for each additional stage in addition to the drawings.

EXAMPLE

Stage No	Stage Name	PCSM Plan	SR Plan
Stage 1		☐	☐
Stage 2		☐	☐
Stage 3		☐	☐
Stage 4		☐	☐

Act 167 Consistency. Check those that apply.

Is there an Act 167 Plan? ☒ Yes ☐ No

☒ The attached PCSM/SR Plan is consistent with an applicable approved Act 167 Plan.

Complete the following for all approved Act 167 Stormwater Management Plans. (Use additional sheets if necessary)

Act 167 Plan Name	Date Adopted	Consistency Letter Included	
Luzerne County Stormwater Management Ordinance	August 18, 2010	Verification Report Included	☒
Valley Creek Watershed Stormwater Management Plan	February 04, 2011		

Note: A consistency letter is not required if a verification report is provided. See NOI Instructions. The PCSM/SR Plan must satisfy either sub paragraph 1, 2, or 3 below. Check those that apply.

1. ☒ Act 167 Plan approvals on or after January 2005 – The attached PCSM/SR Plan, in its entirety, is consistent with all requirements pertaining to rate, volume, and water quality from an Act 167 Stormwater Management Plan approved by DEP on or after January 2005. Box 1 must be checked if a current, DEP approved Act 167 plan exists.

2. ☒ The PCSM/SR Plan meets the standard design criteria from sections 102.8(g)(2) and (3) and the *Stormwater BMP Manual*. For projects involving oil and gas activities authorized by a permit issued under Chapter 78 or Chapter 78a (well pads) or pipelines and other similar utility infrastructure, post construction stormwater management requirements are met for all areas that are restored to preconstruction conditions or to a condition of meadow in good condition or better. *[Note: PCSM plans must meet both the volume and rate requirements in the regulations, which are provided in the 2 sections mentioned in this paragraph].*

3. ☐ Alternative Design Standard – The attached PCSM/SR Plan was developed using approaches as provided in 102.8(g)(2)(iv) and 102.8(g)(3)(iii). Demonstrate/explain in the space provided below how this standard will be either more protective than what is required in 102.8(g)(2) and 102.8(g)(3) or will maintain and protect existing water quality and existing and designated uses.

PCSM/SR BMP Alternative Standards:

Has the alternative BMP or design standard been approved by the Department?

☐ Yes

☐ No – Do not submit the ESCGP-3 application and see Section (H) of the NOI Instructions concerning the alternative BMP approval process.

Water Quality Compliance:

Does the PCSM/SR plan comply with requirements for volume control? ☒ Yes ☐ No

If yes, is at least 90% of the disturbed area controlled by a PCSM BMP? ☒ Yes ☐ No

If yes, do you have the Standard PCSM Worksheet # 10 attached to show water quality compliance has achieved?
☒ Yes ☐ No

If no, attach Standard PCSM Worksheets # 12 and #13 to show water quality compliance has achieved.

If PCSM/SR plan is not complying with the requirements for volume control, attach Standard PCSM Worksheets # 11, # 12 and #13 to show water quality compliance has achieved.

a. PCSM/SR Plan Summary

Provide a summary of proposed BMPs and their performance to manage PCSM/SR for the project.

Along the pipeline Right-Of-Way, typical E&S BMPs such as waterbars and erosion control blanket will be left in place as part of site restoration. After construction activities are completed, temporary workspaces will be restored to meadow in good condition or better than existing conditions. For the aboveground facilities, PCSM BMPs such as infiltration basins, diversion channels and vegetated swales will be used and left in place as part of site restoration. Additional information regarding all the proposed BMPs are provided in the Post-Construction Stormwater Management Plans of respective project components (Section 3 of this ESCGP-3 Application).

Check all that apply ☒ PCSM BMPs ☒ SR BMPs

b. Do you have any information regarding riparian buffer which differs from what was submitted in the Section G, Riparian Buffer?

☐ Yes ☒ No

Explain:

c. Thermal Impacts Analysis

Explain how thermal impacts associated with this project were avoided, minimized, or mitigated.

Runoff collected in PCSM BMPS such as infiltration basins will mitigate thermal impacts from post construction stormwater. Runoff collected in infiltration basins are discharged to receiving waters are not expected to be retained for more than 24 hours. Minimum permanent changes in land cover are being proposed for constructing the pipeline facilities. Gravel will be used for access roads wherever practicable. Removal of trees and riparian vegetation and addition of impervious surfaces will be limited to only that necessary for construction. Once construction activities are complete, disturbed areas will be restored to pre-construction contours and seeded as described in Erosion and Sedimental Control and Site Restoration Plans. Temporary workspaces will be restored back with woody and herbaceous species. Thermal impacts assessments correspoding to each project component including pipelines and aboveground facilities are given in Section 2 and 3 of this ESCGP-3 Application.

d. Off-Site Discharge Analysis.

Does the activity propose any off-site discharges to areas other than surface waters? ☒ Yes ☐ No

If yes, it is the applicant's responsibility to ensure that they have legal authority for any off-site discharge to neighboring properties.

The Applicant must provide a demonstration in both the E&S and PCSM/SR Plans that the discharge will not cause erosion, damage, or a nuisance to off-site properties.

See Offsite Discharge Analysis Sections in PCSM Narratives

NOI Section H. POST CONSTRUCTION STORMWATER MANAGEMENT (PCSM) PLANS

Summary Calculations of Post Construction Stormwater BMPs

1. Regional Energy Lateral Pipeline - MLV-515RA20
2. Regional Energy Lateral Pipeline - MLV-515RA30
3. Regional Energy Lateral Pipeline - Carverton Tie-in
4. Regional Energy Lateral Pipeline - Lower Demunds REL Tie-in
5. Regional Energy Lateral Pipeline – Hildebrandt Tie-in/MLV-515RA40
6. Effort Loop Pipeline - MLV-505LD86
7. Compressor Station 200
8. Compressor Station 515

NOTICE OF INTENT (NOI) FOR COVERAGE UNDER THE EROSION AND SEDIMENT CONTROL GENERAL PERMIT (ESCGP-3) FOR EARTH DISTURBANCE ASSOCIATED WITH OIL AND GAS EXPLORATION, PRODUCTION, PROCESSING, OR TREATMENT OPERATIONS OR TRANSMISSION FACILITIES

TABLES IN ADDENDUM OF NOI

SECTION H. POST CONSTRUCTION STORMWATER MANAGEMENT (PLAN) BMPs

Regional Energy Lateral Pipeline - MLV-515RA20 - Zenker Valve Yard

e. Summary Table for Supporting Calculation and Measurement Data
(See NOI Instructions for additional guidance with this section)

The remainder of this section (Summary Table for Calculation and Measurement Data) does not need to be completed for areas of projects involving oil and gas activities authorized by Chapter 78 or Chapter 78a (well pads) or pipelines and other similar utility infrastructure which will be restored to meadow in good condition or better or existing conditions.

Watershed Name: Mill Creek

Volume Control design storm frequency 2-year Rainfall amount 2.95 inches	Pre-construction	Post Construction	Net Change
Impervious area (acres)	0.00	0.19	+0.19
Volume of stormwater runoff (acre-feet) without planned stormwater BMPs	0.04	0.06	+0.02
Volume of stormwater runoff (acre-feet) with planned stormwater BMPs		0.03	-0.01
Stormwater discharge rate for the design frequency storm	Pre-construction	Post Construction	Net Change
1) 2-Year/24-Hour	3.51	3.22	-0.29
2) 10-Year/24-Hour	6.82	6.17	-0.65
3) 50-year/24-Hour	11.88	11.12	-0.76
4) 100-year/24-Hour	14.91	14.91	-0.00

f. Summary Description of PCSM/SR BMPs

In the lists below, check the BMPs identified in the PCSM Plan. The primary function(s) of the BMP listed in the functions column (infiltration/recharge; detention/retention; water quality). Additional functions may be added if applicable to that BMP. List the stormwater volume and area of runoff to be treated by each BMP type when calculations are required. If any BMP in the PCSM/SR Plan is not listed below, describe it in the space provided after "Other". A summary table with infiltration testing information (Attachment E, included in the NOI Instructions) must be submitted for all Bio-infiltration BMPs included in PCSM/SR plan.

For Rate control provide the volume of stormwater treated and acres treated for the 100-year/24-hour storm event.

For volume control and water quality provide the volume of stormwater treated and acres treated for the 2-year/24-hour storm event.

Key for BMP purpose(s): VC = Volume Control; RC = Rate Control; and WQ = Water Quality

BMP	Function(s)	Purpose(s)	Volume of stormwater treated	Acres treated
Site Restoration ONLY				
☐ Restore Site to Meadow in Good Condition or Better, or Existing Conditions	Infiltration/Recharge Detention/WQ Treatment	☐ VC ☐ RC ☐ WQ	_____	_____
Bio-infiltration areas	Infiltration/Recharge			
☐ Infiltration Trench		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Infiltration Bed		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Infiltration Basin		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Rain Garden/ Bioretention		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Infiltration Berm				
☐ Vegetated Swale		☐ VC ☐ RC ☐ WQ	_____	_____
Natural Area Conservation	Infiltration/Recharge			
☐ Streamside Buffer Zone		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Wetland Buffer Zone		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Sensitive Area Buffer Zone		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Pre-Construction Drainage Pattern Intact		☐ VC ☐ RC ☐ WQ	_____	_____
Stormwater Retention	Detention/Retention			
☐ Constructed Wetlands		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Wet Ponds		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Retention Basin		☐ VC ☐ RC ☐ WQ	_____	_____
Sediment and Pollutant Removal	Water Quality Treatment			
☐ Vegetated Filter Strips		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Compost Filter Sock		☐ VC ☐ RC ☐ WQ	_____	_____
☒ Detention Basins		☒ VC ☒ RC ☒ WQ	1,396cf(2-yr); 6,186cf(100-yr)	0.28
Access Road Design	Infiltration/Recharge			
☐ Road Crowning		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Ditches		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Turnouts		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Culverts		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Roadside Vegetated Filter Strips		☐ VC ☐ RC ☐ WQ	_____	_____

Stormwater Energy Dissipaters	Infiltration/Recharge			
☐ Level Spreaders		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Riprap Aprons		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Upslope Diversions		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Other_____		☐ VC ☐ RC ☐ WQ	_____	_____

g. Critical PCSM Plan stages

Identify and list critical stages of implementation of the PCSM Plan for which a licensed professional or designee shall be present on site.

1. Upon commencement of construction activities to ascertain the Dry Extended Detention Basin area has been flagged and fence erected to prevent access to the area.

2. At completion of Diversion Channels to ensure they have been constructed to the proposed lines and grades, the specified lining materials have been installed in accordance with the requirements of the plans and specifications, and if applicable, vegetation has been established.

3. At the beginning of construction of the Dry Extended Detention Basin to ensure the infiltration area has not been compacted by construction activities.

4. During construction of the Dry Extended Detention Basin the licensed professional will observe that the BMP is constructed in accordance with the plans and specifications.

5. At completion of Collection Channel C1 to ensure it has been constructed to the proposed line and grade, the specified lining material has been installed in accordance with the requirements of the plans and specifications, and if applicable, vegetation has been established.

6. Following installation of the Valve Yard Pad subgrade to ensure stormwater flow is directed to Collection Channel C1.

7. For final inspection of constructed BMPs.

8. At the establishment of hard surface stabilization or 70% vegetation covers to allow removal of E&S controls.

NOTICE OF INTENT (NOI) FOR COVERAGE UNDER THE EROSION AND SEDIMENT CONTROL GENERAL PERMIT (ESCGP-3) FOR EARTH DISTURBANCE ASSOCIATED WITH OIL AND GAS EXPLORATION, PRODUCTION, PROCESSING, OR TREATMENT OPERATIONS OR TRANSMISSION FACILITIES

TABLES IN ADDENDUM OF NOI

SECTION H. POST CONSTRUCTION STORMWATER MANAGEMENT (PLAN) BMPs

Regional Energy Lateral Pipeline - MLV-515RA30 - Wyoming Valve Yard

b. Summary Table for Supporting Calculation and Measurement Data

(See NOI Instructions for additional guidance with this section)

The remainder of this section (Summary Table for Calculation and Measurement Data) does not need to be completed for areas of projects involving oil and gas activities authorized by Chapter 78 or Chapter 78a (well pads) or pipelines and other similar utility infrastructure which will be restored to meadow in good condition or better or existing conditions.

Watershed Name: Susquehanna-Solomon Creek

Volume Control design storm frequency 2-year Rainfall amount 2.57 inches	Pre-construction	Post Construction	Net Change
Impervious area (acres)	0.00	0.24	+0.24
Volume of stormwater runoff (acre-feet) without planned stormwater BMPs	0.03	0.06	+0.03
Volume of stormwater runoff (acre-feet) with planned stormwater BMPs	[redacted]	0.03	-0.00
Stormwater discharge rate for the design frequency storm	Pre-construction	Post Construction	Net Change
1) 2-Year/24-Hour	0.22	0.02	-0.20
2) 10-Year/24-Hour	0.68	0.03	-0.65
3) 50-year/24-Hour	1.52	0.06	-1.46
4) 100-year/24-Hour	2.06	0.07	-1.99

c. Summary Description of PCSM/SR BMPs

In the lists below, check the BMPs identified in the PCSM Plan. The primary function(s) of the BMP listed in the functions column (infiltration/recharge; detention/retention; water quality). Additional functions may be added if applicable to that BMP. List the stormwater volume and area of runoff to be treated by each BMP type when calculations are required. If any BMP in the PCSM/SR Plan is not listed below, describe it in the space provided after "Other". A summary table with infiltration testing information (Attachment E, included in the NOI Instructions) must be submitted for all Bio-infiltration BMPs included in PCSM/SR plan.

For Rate control provide the volume of stormwater treated and acres treated for the 100-year/24-hour storm event.

For volume control and water quality provide the volume of stormwater treated and acres treated for the 2-year/24-hour storm event.

Key for BMP purpose(s): VC = Volume Control; RC = Rate Control; and WQ = Water Quality

BMP	Function(s)	Purpose(s)	Volume of stormwater treated	Acres treated
Site Restoration ONLY				
☐ Restore Site to Meadow in Good Condition or Better, or Existing Conditions	Infiltration/Recharge Detention/WQ Treatment	☐ VC ☐ RC ☐ WQ	_____	_____
Bio-infiltration areas	Infiltration/Recharge			
☐ Infiltration Trench		☐ VC ☐ RC ☐ WQ	_____	_____
☒ Infiltration Bed		☒ VC ☒ RC ☒ WQ	451cf(2-yr); 2,511cf(100-yr)	0.21
☐ Infiltration Basin		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Rain Garden/ Bioretention		☐ VC ☐ RC ☐ WQ	_____	
☐ Infiltration Berm		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Soil Amendment		☐ VC ☐ RC ☐ WQ	_____	_____
Natural Area Conservation	Infiltration/Recharge			
☐ Streamside Buffer Zone		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Wetland Buffer Zone		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Sensitive Area Buffer Zone		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Pre-Construction Drainage Pattern Intact		☐ VC ☐ RC ☐ WQ	_____	_____
Stormwater Retention	Detention/Retention			
☐ Constructed Wetlands		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Wet Ponds		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Retention Basin		☐ VC ☐ RC ☐ WQ	_____	_____
Sediment and Pollutant Removal	Water Quality Treatment			
☐ Vegetated Filter Strips		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Compost Filter Sock		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Detention Basins		☐ VC ☐ RC ☐ WQ	_____	_____
Access Road Design	Infiltration/Recharge			
☐ Road Crowning		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Ditches		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Turnouts		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Culverts		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Roadside Vegetated Filter Strips		☐ VC ☐ RC ☐ WQ	_____	_____

Stormwater Energy Dissipaters ☐ Level Spreaders ☐ Riprap Aprons ☐ Upslope Diversions ☒ OtherVegetated Swale	Infiltration/Recharge	☐ VC ☐ RC ☐ WQ ☐ VC ☐ RC ☐ WQ ☐ VC ☐ RC ☐ WQ ☒ VC ☒ RC ☒ WQ	_____ _____ _____ 1,009cf(2-yr); 4,264cf(100-yr)	_____ _____ _____ 0.49

d. Critical PCSM Plan stages

Identify and list critical stages of implementation of the PCSM Plan for which a licensed professional or designee shall be present on site.

1. Upon commencement of construction activities to ascertain the Vegetated Swale area has been flagged and fence erected to prevent access to the area.
2. At the beginning of construction of the Vegetated Swale to ensure the infiltration area has not been compacted by construction activities.
3. During construction of the Vegetated Swale the licensed professional will observe that the BMP is constructed in accordance with the plans and specifications.
4. At completion of Collection Channel C1 to ensure it has been constructed to the proposed line and grade, the specified lining material has been installed in accordance with the requirements of the plans and specifications, and if applicable, vegetation has been established.
5. Following installation of the Valve Yard Pad subgrade to ensure stormwater flow is directed to the infiltration berm.
6. For final inspection of constructed BMPs.
7. At the establishment of hard surface stabilization or 70% vegetation covers to allow removal of E&S controls.

NOTICE OF INTENT (NOI) FOR COVERAGE UNDER THE EROSION AND SEDIMENT CONTROL GENERAL PERMIT (ESCGP-3) FOR EARTH DISTURBANCE ASSOCIATED WITH OIL AND GAS EXPLORATION, PRODUCTION, PROCESSING, OR TREATMENT OPERATIONS OR TRANSMISSION FACILITIES

TABLES IN ADDENDUM OF NOI

SECTION H. POST CONSTRUCTION STORMWATER MANAGEMENT (PLAN) BMPs

Regional Energy Lateral Pipeline - Carverton Tie-In

b. Summary Table for Supporting Calculation and Measurement Data

(See NOI Instructions for additional guidance with this section)

The remainder of this section (Summary Table for Calculation and Measurement Data) does not need to be completed for areas of projects involving oil and gas activities authorized by Chapter 78 or Chapter 78a (well pads) or pipelines and other similar utility infrastructure which will be restored to meadow in good condition or better or existing conditions.

Watershed Name: Abrahams Creek

Volume Control design storm frequency 2-year Rainfall amount 2.61 inches	Pre-construction	Post Construction	Net Change
Impervious area (acres)	0.03	0.11	+0.08
Volume of stormwater runoff (acre-feet) without planned stormwater BMPs	0.02	0.03	+0.01
Volume of stormwater runoff (acre-feet) with planned stormwater BMPs	[redacted]	0.00	-0.02
Stormwater discharge rate for the design frequency storm	Pre-construction	Post Construction	Net Change
1) 2-Year/24-Hour	0.46	0.00	-0.46
2) 10-Year/24-Hour	0.91	0.00	-0.91
3) 50-year/24-Hour	1.61	0.00	-1.61
4) 100-year/24-Hour	2.01	0.00	-2.01

c. Summary Description of PCSM/SR BMPs

In the lists below, check the BMPs identified in the PCSM Plan. The primary function(s) of the BMP listed in the functions column (infiltration/recharge; detention/retention; water quality). Additional functions may be added if applicable to that BMP. List the stormwater volume and area of runoff to be treated by each BMP type when calculations are required. If any BMP in the PCSM/SR Plan is not listed below, describe it in the space provided after "Other". A summary table with infiltration testing information (Attachment E, included in the NOI Instructions) must be submitted for all Bio-infiltration BMPs included in PCSM/SR plan.

For Rate control provide the volume of stormwater treated and acres treated for the 100-year/24-hour storm event.

For volume control and water quality provide the volume of stormwater treated and acres treated for the 2-year/24-hour storm event.

Key for BMP purpose(s): VC = Volume Control; RC = Rate Control; and WQ = Water Quality

BMP	Function(s)	Purpose(s)	Volume of stormwater treated	Acres treated
Site Restoration ONLY				
☐ Restore Site to Meadow in Good Condition or Better, or Existing Conditions	Infiltration/Recharge Detention/WQ Treatment	☐ VC ☐ RC ☐ WQ	_____	_____
Bio-infiltration areas	Infiltration/Recharge			
☐ Infiltration Trench		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Infiltration Bed		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Infiltration Basin		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Rain Garden/ Bioretention		☐ VC ☐ RC ☐ WQ	_____	
☒ Infiltration Berm		☒ VC ☒ RC ☒ WQ	1,280cf (2-yr); 4,445cf(100-yr)	0.26
Natural Area Conservation	Infiltration/Recharge			
☐ Streamside Buffer Zone		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Wetland Buffer Zone		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Sensitive Area Buffer Zone		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Pre-Construction Drainage Pattern Intact		☐ VC ☐ RC ☐ WQ	_____	_____
Stormwater Retention	Detention/Retention			
☐ Constructed Wetlands		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Wet Ponds		☒ VC ☒ RC ☒ WQ	_____	_____
☐ Retention Basin		☐ VC ☐ RC ☐ WQ	_____	_____
Sediment and Pollutant Removal	Water Quality Treatment			
☐ Vegetated Filter Strips		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Compost Filter Sock		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Detention Basins		☐ VC ☐ RC ☐ WQ	_____	_____
Access Road Design	Infiltration/Recharge			
☐ Road Crowning		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Ditches		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Turnouts		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Culverts		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Roadside Vegetated Filter Strips		☐ VC ☐ RC ☐ WQ	_____	_____

Stormwater Energy Dissipaters	Infiltration/Recharge			
☐ Level Spreaders		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Riprap Aprons		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Upslope Diversions		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Other_____		☐ VC ☐ RC ☐ WQ	_____	_____

d. Critical PCSM Plan stages

Identify and list critical stages of implementation of the PCSM Plan for which a licensed professional or designee shall be present on site.

1. At the beginning of construction to ascertain the Infiltration Berm area has been flagged and fence erected to prevent access to the area.
2. Following installation of the Valve Yard Pad subgrade to ensure stormwater flow is directed to the infiltration berm.
3. At the beginning of construction of the Infiltration Berm to ensure the infiltration area has not been compacted by construction activities.
4. During construction of the infiltration berm the licensed professional will observe that the berm is constructed in accordance with the plans and specifications.
5. For final inspection of constructed BMPs.
6. At the establishment of hard surface stabilization or 70% vegetation covers to allow removal of E&S controls.

NOTICE OF INTENT (NOI) FOR COVERAGE UNDER THE EROSION AND SEDIMENT CONTROL GENERAL PERMIT (ESCGP-3) FOR EARTH DISTURBANCE ASSOCIATED WITH OIL AND GAS EXPLORATION, PRODUCTION, PROCESSING, OR TREATMENT OPERATIONS OR TRANSMISSION FACILITIES

TABLES IN ADDENDUM OF NOI

SECTION H. POST CONSTRUCTION STORMWATER MANAGEMENT (PLAN) BMPs

Regional Energy Lateral Pipeline - Lower Demunds REL Tie-In

b. Summary Table for Supporting Calculation and Measurement Data

(See NOI Instructions for additional guidance with this section)

The remainder of this section (Summary Table for Calculation and Measurement Data) does not need to be completed for areas of projects involving oil and gas activities authorized by Chapter 78 or Chapter 78a (well pads) or pipelines and other similar utility infrastructure which will be restored to meadow in good condition or better or existing conditions.

Watershed Name: Toby Creek

Volume Control design storm frequency 2-year Rainfall amount 3.40 inches	Pre-construction	Post Construction	Net Change
Impervious area (acres)	0.00	0.12	+0.12
Volume of stormwater runoff (acre-feet) without planned stormwater BMPs	0.02	0.04	+0.02
Volume of stormwater runoff (acre-feet) with planned stormwater BMPs		0.01	-0.01
Stormwater discharge rate for the design frequency storm	Pre-construction	Post Construction	Net Change
1) 2-Year/24-Hour	0.20	0.00	-0.20
2) 10-Year/24-Hour	0.40	0.00	-0.40
3) 50-year/24-Hour	0.71	0.20	-0.51
4) 100-year/24-Hour	0.89	0.51	-0.38

c. Summary Description of PCSM/SR BMPs

In the lists below, check the BMPs identified in the PCSM Plan. The primary function(s) of the BMP listed in the functions column (infiltration/recharge; detention/retention; water quality). Additional functions may be added if applicable to that BMP. List the stormwater volume and area of runoff to be treated by each BMP type when calculations are required. If any BMP in the PCSM/SR Plan is not listed below, describe it in the space provided after "Other". A summary table with infiltration testing information (Attachment E, included in the NOI Instructions) must be submitted for all Bio-infiltration BMPs included in PCSM/SR plan.

For Rate control provide the volume of stormwater treated and acres treated for the 100-year/24-hour storm event.

For volume control and water quality provide the volume of stormwater treated and acres treated for the 2-year/24-hour storm event.

Key for BMP purpose(s): VC = Volume Control; RC = Rate Control; and WQ = Water Quality

BMP	Function(s)	Purpose(s)	Volume of stormwater treated	Acres treated
Site Restoration ONLY				
☐ Restore Site to Meadow in Good Condition or Better, or Existing Conditions	Infiltration/Recharge Detention/WQ Treatment	☐ VC ☐ RC ☐ WQ	_____	_____
Bio-infiltration areas	Infiltration/Recharge			
☐ Infiltration Trench		☐ VC ☐ RC ☐ WQ	_____	_____
☒ Infiltration Bed		☒ VC ☒ RC ☒ WQ	1,481cf(2-yr); 4,356cf(100-yr)	0.17
☐ Infiltration Basin		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Rain Garden/ Bioretention		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Infiltration Berm		☐ VC ☐ RC ☐ WQ	_____	_____
Natural Area Conservation	Infiltration/Recharge			
☐ Streamside Buffer Zone		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Wetland Buffer Zone		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Sensitive Area Buffer Zone		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Pre-Construction Drainage Pattern Intact		☐ VC ☐ RC ☐ WQ	_____	_____
Stormwater Retention	Detention/Retention			
☐ Constructed Wetlands		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Wet Ponds		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Retention Basin		☐ VC ☐ RC ☐ WQ	_____	_____
Sediment and Pollutant Removal	Water Quality Treatment			
☐ Vegetated Filter Strips		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Compost Filter Sock		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Detention Basins		☐ VC ☐ RC ☐ WQ	_____	_____
Access Road Design	Infiltration/Recharge			
☐ Road Crowning		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Ditches		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Turnouts		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Culverts		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Roadside Vegetated Filter Strips		☐ VC ☐ RC ☐ WQ	_____	_____

Stormwater Energy Dissipaters ☐ Level Spreaders ☐ Riprap Aprons ☐ Upslope Diversions ☐ Other_____	Infiltration/Recharge	 ☐ VC ☐ RC ☐ WQ ☐ VC ☐ RC ☐ WQ ☐ VC ☐ RC ☐ WQ ☐ VC ☐ RC ☐ WQ	 _____ _____ _____ _____	 _____ _____ _____ _____

d. Critical PCSM Plan stages

Identify and list critical stages of implementation of the PCSM Plan for which a licensed professional or designee shall be present on site.

1. Upon commencement of construction activities to ascertain the Valve Yard Pad area has been flagged and fence erected to prevent access to the area.
2. At completion of Diversion Berm/Channel to ensure it has been constructed to the proposed lines and grades, the specified lining materials have been installed in accordance with the requirements of the plans and specifications, and if applicable, vegetation has been established.
3. At the beginning of construction of the Valve Yard Pad to ensure the infiltration area has not been compacted by construction activities.
4. During construction of the Valve Yard Pad the licensed professional will observe that the BMP is constructed in accordance with the plans and specifications.
5. Following installation of the Valve Yard Pad subgrade to ensure stormwater flow is directed to the outlet structure.
6. For final inspection of constructed BMPs.
7. At the establishment of hard surface stabilization or 70% vegetation covers to allow removal of E&S controls.

NOTICE OF INTENT (NOI) FOR COVERAGE UNDER THE EROSION AND SEDIMENT CONTROL GENERAL PERMIT (ESCGP-3) FOR EARTH DISTURBANCE ASSOCIATED WITH OIL AND GAS EXPLORATION, PRODUCTION, PROCESSING, OR TREATMENT OPERATIONS OR TRANSMISSION FACILITIES

TABLES IN ADDENDUM OF NOI

SECTION H. POST CONSTRUCTION STORMWATER MANAGEMENT (PLAN) BMPs

Regional Energy Lateral Pipeline – MLV-515RA40-Hildebrandt Tie-In

b. Summary Table for Supporting Calculation and Measurement Data

(See NOI Instructions for additional guidance with this section)

The remainder of this section (Summary Table for Calculation and Measurement Data) does not need to be completed for areas of projects involving oil and gas activities authorized by Chapter 78 or Chapter 78a (well pads) or pipelines and other similar utility infrastructure which will be restored to meadow in good condition or better or existing conditions.

Watershed Name: Toby Creek

Volume Control design storm frequency 2-year Rainfall amount 3.40 inches	Pre-construction	Post Construction	Net Change
Impervious area (acres)	0.0	0.22	+0.22
Volume of stormwater runoff (acre-feet) without planned stormwater BMPs	0.03	0.07	+0.04
Volume of stormwater runoff (acre-feet) with planned stormwater BMPs	[redacted]	0.01	-0.02
Stormwater discharge rate for the design frequency storm	Pre-construction	Post Construction	Net Change
1) 2-Year/24-Hour	0.34	0.20	-0.14
2) 10-Year/24-Hour	0.67	0.38	-0.29
3) 50-year/24-Hour	1.20	0.65	-0.55
4) 100-year/24-Hour	1.52	0.80	-0.72

c. Summary Description of PCSM/SR BMPs

In the lists below, check the BMPs identified in the PCSM Plan. The primary function(s) of the BMP listed in the functions column (infiltration/recharge; detention/retention; water quality). Additional functions may be added if applicable to that BMP. List the stormwater volume and area of runoff to be treated by each BMP type when calculations are required. If any BMP in the PCSM/SR Plan is not listed below, describe it in the space provided after "Other". A summary table with infiltration testing information (Attachment E, included in the NOI Instructions) must be submitted for all Bio-infiltration BMPs included in PCSM/SR plan.

For Rate control provide the volume of stormwater treated and acres treated for the 100-year/24-hour storm event.

For volume control and water quality provide the volume of stormwater treated and acres treated for the 2-year/24-hour storm event.

Key for BMP purpose(s): VC = Volume Control; RC = Rate Control; and WQ = Water Quality

BMP	Function(s)	Purpose(s)	Volume of stormwater treated	Acres treated
Site Restoration ONLY				
☐ Restore Site to Meadow in Good Condition or Better, or Existing Conditions	Infiltration/Recharge Detention/WQ Treatment	☐ VC ☐ RC ☐ WQ	_____	_____
Bio-infiltration areas	Infiltration/Recharge			
☐ Infiltration Trench		☐ VC ☐ RC ☐ WQ	_____	_____
☒ Infiltration Bed		☒ VC ☒ RC ☒ WQ	2,265cf(2-yr); 5,881cf(100-yr)	0.21
☐ Infiltration Basin		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Rain Garden/ Bioretention		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Infiltration Berm				
☐ Vegetated Swale		☐ VC ☐ RC ☐ WQ	_____	_____
Natural Area Conservation	Infiltration/Recharge			
☐ Streamside Buffer Zone		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Wetland Buffer Zone		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Sensitive Area Buffer Zone		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Pre-Construction Drainage Pattern Intact		☐ VC ☐ RC ☐ WQ	_____	_____
Stormwater Retention	Detention/Retention			
☐ Constructed Wetlands		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Wet Ponds		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Retention Basin		☐ VC ☐ RC ☐ WQ	_____	_____
Sediment and Pollutant Removal	Water Quality Treatment			
☐ Vegetated Filter Strips		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Compost Filter Sock		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Detention Basins		☐ VC ☐ RC ☐ WQ	_____	_____
Access Road Design	Infiltration/Recharge			
☐ Road Crowning		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Ditches		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Turnouts		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Culverts		☐ VC ☐ RC ☐ WQ	_____	_____

☐ Roadside Vegetated Filter Strips		☐ VC ☐ RC ☐ WQ	_____	_____
Stormwater Energy Dissipaters	Infiltration/Recharge			
☐ Level Spreaders		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Riprap Aprons		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Upslope Diversions		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Other_____		☐ VC ☐ RC ☐ WQ	_____	_____

d. Critical PCSM Plan stages

Identify and list critical stages of implementation of the PCSM Plan for which a licensed professional or designee shall be present on site.

1. Upon commencement of construction activities to ascertain the Valve Yard Pad area has been flagged and fence erected to prevent access to the area.
2. At completion of Diversion Channel to ensure it has been constructed to the proposed lines and grades, the specified lining materials have been installed in accordance with the requirements of the plans and specifications, and if applicable, vegetation has been established.
3. At the beginning of construction of the Valve Yard Pad to ensure the infiltration area has not been compacted by construction activities.
4. During construction of the Valve Yard Pad the licensed professional will observe that the BMP is constructed in accordance with the plans and specifications.
5. Following installation of the Valve Yard Pad subgrade to ensure stormwater flow is directed to the outlet structure.
6. For final inspection of constructed BMPs.
7. At the establishment of hard surface stabilization or 70% vegetation covers to allow removal of E&S controls.

NOTICE OF INTENT (NOI) FOR COVERAGE UNDER THE EROSION AND SEDIMENT CONTROL GENERAL PERMIT (ESCGP-3) FOR EARTH DISTURBANCE ASSOCIATED WITH OIL AND GAS EXPLORATION, PRODUCTION, PROCESSING, OR TREATMENT OPERATIONS OR TRANSMISSION FACILITIES

TABLES IN ADDENDUM OF NOI

SECTION H. POST CONSTRUCTION STORMWATER MANAGEMENT (PLAN) BMPs

Effort Loop Pipeline-MLV-505LD86 Sugar Hollow Valve Yard

b. Summary Table for Supporting Calculation and Measurement Data

(See NOI Instructions for additional guidance with this section)

The remainder of this section (Summary Table for Calculation and Measurement Data) does not need to be completed for areas of projects involving oil and gas activities authorized by Chapter 78 or Chapter 78a (well pads) or pipelines and other similar utility infrastructure which will be restored to meadow in good condition or better or existing conditions.

Watershed Name: Pohopoco Creek

Volume Control design storm frequency 2-year Rainfall amount 3.26 inches	Pre-construction	Post Construction	Net Change
Impervious area (acres)	0.09	0.62	+0.53
Volume of stormwater runoff (acre-feet) without planned stormwater BMPs	0.35	0.44	+0.09
Volume of stormwater runoff (acre-feet) with planned stormwater BMPs	[redacted]	0.28	-0.07
Stormwater discharge rate for the design frequency storm DA-1	Pre-construction	Post Construction	Net Change
1) 2-Year/24-Hour	0.01	0.01	-0.00
2) 10-Year/24-Hour	0.37	0.31	-0.06
3) 50-year/24-Hour	5.89	4.21	-1.68
4) 100-year/24-Hour	11.47	8.28	-3.19
Stormwater discharge rate for the design frequency storm DA-2	Pre-construction	Post Construction	Net Change
1) 2-Year/24-Hour	4.51	3.97	-0.54
2) 10-Year/24-Hour	12.49	12.28	-0.21
3) 50-year/24-Hour	26.58	24.35	-2.23
4) 100-year/24-Hour	35.41	31.74	-3.67

c. Summary Description of PCSM/SR BMPs

In the lists below, check the BMPs identified in the PCSM Plan. The primary function(s) of the BMP listed in the functions column (infiltration/recharge; detention/retention; water quality). Additional functions may be added if applicable to that BMP. List the stormwater volume and area of runoff to be treated by each BMP type when calculations are required. If any BMP in the PCSM/SR Plan is not listed below, describe it in the space provided after "Other". A summary table with infiltration testing information (Attachment E, included in the NOI Instructions) must be submitted for all Bio-infiltration BMPs included in PCSM/SR plan.

For Rate control provide the volume of stormwater treated and acres treated for the 100-year/24-hour storm event.

For volume control and water quality provide the volume of stormwater treated and acres treated for the 2-year/24-hour storm event.

Key for BMP purpose(s): VC = Volume Control; RC = Rate Control; and WQ = Water Quality

BMP	Function(s)	Purpose(s)	Volume of stormwater treated	Acres treated
Site Restoration ONLY				
☐ Restore Site to Meadow in Good Condition or Better, or Existing Conditions	Infiltration/Recharge Detention/WQ Treatment	☐ VC ☐ RC ☐ WQ	_____	_____
Bio-infiltration areas	Infiltration/Recharge			
☐ Infiltration Trench		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Infiltration Bed		☐ VC ☐ RC ☐ WQ	_____	_____
☒ Infiltration Basin		☒ VC ☒ RC ☒ WQ	1,123cf(2-yr); 21,318cf(100-yr)	2.85
☐ Rain Garden/ Bioretention		☐ VC ☐ RC ☐ WQ	_____	_____
☒ Infiltration Berm		☒ VC ☒ RC ☒ WQ	5,915cf(2-yr); 26,924cf(100-yr)	1.54
Natural Area Conservation	Infiltration/Recharge			
☐ Streamside Buffer Zone		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Wetland Buffer Zone		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Sensitive Area Buffer Zone		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Pre-Construction Drainage Pattern Intact		☐ VC ☐ RC ☐ WQ	_____	_____
Stormwater Retention	Detention/Retention			
☐ Constructed Wetlands		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Wet Ponds		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Retention Basin		☐ VC ☐ RC ☐ WQ	_____	_____
Sediment and Pollutant Removal	Water Quality Treatment			
☐ Vegetated Filter Strips		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Compost Filter Sock		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Detention Basins		☐ VC ☐ RC ☐ WQ	_____	_____
Access Road Design	Infiltration/Recharge			
☐ Road Crowning		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Ditches		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Turnouts		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Culverts		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Roadside Vegetated Filter Strips		☐ VC ☐ RC ☐ WQ	_____	_____

Stormwater Energy Dissipaters	Infiltration/Recharge			
☐ Level Spreaders		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Riprap Aprons		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Upslope Diversions		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Other_____		☐ VC ☐ RC ☐ WQ	_____	_____

d. Critical PCSM Plan stages

Identify and list critical stages of implementation of the PCSM Plan for which a licensed professional or designee shall be present on site.

1. For the final grading of the access road, ensuring it is constructed according to the plan details for proper conveyance of runoff.
2. Following final grading and seeding of the diversion channels and basin, in order to confirm they have been constructed according to the plan details for proper collection and conveyance of runoff. Periodic assessments will need to be made to ensure accumulated sediment have been cleaned out so the channels and basin maintain the necessary design volumes.
3. During the layout and excavation of the outlet control structure, the professional or delegate will ensure sizing, materials specifications, and construction procedures are followed to enable proper storage in the basin.
4. Following final grading and seeding of the infiltration berm in order to confirm they have been constructed according to the plan details for proper collection, infiltration, and conveyance of runoff. Periodic assessment will need to be made to ensure that accumulated sediment have been cleaned out so the area behind the berm maintains the necessary design volume.
5. For final inspection of constructed channels, basin and berms.
6. At the establishment of hard surface stabilization or 70% vegetation covers to allow removal of E&S controls.

NOTICE OF INTENT (NOI) FOR COVERAGE UNDER THE EROSION AND SEDIMENT CONTROL GENERAL PERMIT (ESCGP-3) FOR EARTH DISTURBANCE ASSOCIATED WITH OIL AND GAS EXPLORATION, PRODUCTION, PROCESSING, OR TREATMENT OPERATIONS OR TRANSMISSION FACILITIES

TABLES IN ADDENDUM OF NOI

SECTION H. POST CONSTRUCTION STORMWATER MANAGEMENT (PLAN) BMPs

Compressor Station 200

b. Summary Table for Supporting Calculation and Measurement Data

(See NOI Instructions for additional guidance with this section)

The remainder of this section (Summary Table for Calculation and Measurement Data) does not need to be completed for areas of projects involving oil and gas activities authorized by Chapter 78 or Chapter 78a (well pads) or pipelines and other similar utility infrastructure which will be restored to meadow in good condition or better or existing conditions.

Watershed Name: Valley Creek

Volume Control design storm frequency 2-year Rainfall amount 3.30 inches	Pre-construction	Post Construction	Net Change
Impervious area (acres)	0.25	0.40	+0.15
Volume of stormwater runoff (acre-feet) without planned stormwater BMPs	0.07	0.11	+0.04
Volume of stormwater runoff (acre-feet) with planned stormwater BMPs	[redacted]	0.07	-0.00
Stormwater discharge rate for the design frequency storm	Pre-construction	Post Construction	Net Change
1) 2-Year/24-Hour	1.03	0.15	-0.88
2) 10-Year/24-Hour	2.06	1.39	-0.67
3) 50-year/24-Hour	3.19	2.79	-0.40
4) 100-year/24-Hour	3.97	3.50	-0.47

c. Summary Description of PCSM/SR BMPs

In the lists below, check the BMPs identified in the PCSM Plan. The primary function(s) of the BMP listed in the functions column (infiltration/recharge; detention/retention; water quality). Additional functions may be added if applicable to that BMP. List the stormwater volume and area of runoff to be treated by each BMP type when calculations are required. If any BMP in the PCSM/SR Plan is not listed below, describe it in the space provided after "Other". A summary table with infiltration testing information (Attachment E, included in the NOI Instructions) must be submitted for all Bio-infiltration BMPs included in PCSM/SR plan.

For Rate control provide the volume of stormwater treated and acres treated for the 100-year/24-hour storm event.

For volume control and water quality provide the volume of stormwater treated and acres treated for the 2-year/24-hour storm event.

Key for BMP purpose(s): VC = Volume Control; RC = Rate Control; and WQ = Water Quality

BMP	Function(s)	Purpose(s)	Volume of stormwater treated	Acres treated
Site Restoration ONLY				
☐ Restore Site to Meadow in Good Condition or Better, or Existing Conditions	Infiltration/Recharge Detention/WQ Treatment	☐ VC ☐ RC ☐ WQ	_____	_____
Bio-infiltration areas	Infiltration/Recharge			
☐ Infiltration Trench		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Infiltration Bed		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Infiltration Basin		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Rain Garden/ Bioretention		☐ VC ☐ RC ☐ WQ	_____	_____
☒ Infiltration Berm		☒ VC ☒ RC ☒ WQ	3,790cf(2-yr); 11,631cf(100-yr)	0.56
Natural Area Conservation	Infiltration/Recharge			
☐ Streamside Buffer Zone		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Wetland Buffer Zone		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Sensitive Area Buffer Zone		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Pre-Construction Drainage Pattern Intact		☐ VC ☐ RC ☐ WQ	_____	_____
Stormwater Retention	Detention/Retention			
☐ Constructed Wetlands		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Wet Ponds		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Retention Basin		☐ VC ☐ RC ☐ WQ	_____	_____
Sediment and Pollutant Removal	Water Quality Treatment			
☐ Vegetated Filter Strips		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Compost Filter Sock		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Detention Basins		☐ VC ☐ RC ☐ WQ	_____	_____
Access Road Design	Infiltration/Recharge			
☐ Road Crowning		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Ditches		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Turnouts		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Culverts		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Roadside Vegetated Filter Strips		☐ VC ☐ RC ☐ WQ	_____	_____

Stormwater Energy Dissipaters ☐ Level Spreaders ☐ Riprap Aprons ☐ Upslope Diversions ☐ Other_____	Infiltration/Recharge	 ☐ VC ☐ RC ☐ WQ ☐ VC ☐ RC ☐ WQ ☐ VC ☐ RC ☐ WQ ☐ VC ☐ RC ☐ WQ	 _____ _____ _____ _____	 _____ _____ _____ _____

d. Critical PCSM Plan stages

Identify and list critical stages of implementation of the PCSM Plan for which a licensed professional or designee shall be present on site.

1. Following final grading and seeding of the infiltration berm in order to confirm it has been constructed according to the plan details for proper collection, infiltration, and conveyance of runoff. Periodic assessments will need to be made to ensure that accumulated sediment should be cleaned out so the channels and berm maintain necessary design volume.
2. For final inspection of constructed BMPs.
3. At the establishment of hard surface stabilization or 70% vegetation covers to allow removal of E & S controls.

NOTICE OF INTENT (NOI) FOR COVERAGE UNDER THE EROSION AND SEDIMENT CONTROL GENERAL PERMIT (ESCGP-3) FOR EARTH DISTURBANCE ASSOCIATED WITH OIL AND GAS EXPLORATION, PRODUCTION, PROCESSING, OR TREATMENT OPERATIONS OR TRANSMISSION FACILITIES

TABLES IN ADDENDUM OF NOI

SECTION H. POST CONSTRUCTION STORMWATER MANAGEMENT (PLAN) BMPs

Compressor Station 515

b. Summary Table for Supporting Calculation and Measurement Data

(See NOI Instructions for additional guidance with this section)

The remainder of this section (Summary Table for Calculation and Measurement Data) does not need to be completed for areas of projects involving oil and gas activities authorized by Chapter 78 or Chapter 78a (well pads) or pipelines and other similar utility infrastructure which will be restored to meadow in good condition or better or existing conditions.

Watershed Name: Bear Creek

Volume Control design storm frequency 2-year Rainfall amount 3.40 inches	Pre-construction	Post Construction	Net Change
Impervious area (acres)	0.34	2.44	+2.10
Volume of stormwater runoff (acre-feet) without planned stormwater BMPs	0.50	0.81	+0.31
Volume of stormwater runoff (acre-feet) with planned stormwater BMPs	[redacted]	0.18	-0.32
Stormwater discharge rate for the design frequency storm	Pre-construction	Post Construction	Net Change
1) 2-Year/24-Hour	5.46	1.76	-3.70
2) 10-Year/24-Hour	10.19	8.30	-1.89
3) 50-year/24-Hour	16.85	9.55	-7.30
4) 100-year/24-Hour	20.81	9.58	-11.23

c. Summary Description of PCSM/SR BMPs

In the lists below, check the BMPs identified in the PCSM Plan. The primary function(s) of the BMP listed in the functions column (infiltration/recharge; detention/retention; water quality). Additional functions may be added if applicable to that BMP. List the stormwater volume and area of runoff to be treated by each BMP type when calculations are required. If any BMP in the PCSM/SR Plan is not listed below, describe it in the space provided after "Other". A summary table with infiltration testing information (Attachment E, included in the NOI Instructions) must be submitted for all Bio-infiltration BMPs included in PCSM/SR plan.

For Rate control provide the volume of stormwater treated and acres treated for the 100-year/24-hour storm event.

For volume control and water quality provide the volume of stormwater treated and acres treated for the 2-year/24-hour storm event.

Key for BMP purpose(s): VC = Volume Control; RC = Rate Control; and WQ = Water Quality

BMP	Function(s)	Purpose(s)	Volume of stormwater treated	Acres treated
Site Restoration ONLY				
☐ Restore Site to Meadow in Good Condition or Better, or Existing Conditions	Infiltration/Recharge Detention/WQ Treatment	☐ VC ☐ RC ☐ WQ	_____	_____
Bio-infiltration areas	Infiltration/Recharge			
☐ Infiltration Trench		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Infiltration Bed		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Infiltration Basin		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Rain Garden/ Bioretention		☐ VC ☐ RC ☐ WQ	_____	_____
☒ Infiltration Berm		☒ VC ☒ RC ☒ WQ	31,799cf(2-yr); 96,268cf(100-yr)	3.83
Natural Area Conservation	Infiltration/Recharge			
☐ Streamside Buffer Zone		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Wetland Buffer Zone		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Sensitive Area Buffer Zone		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Pre-Construction Drainage Pattern Intact		☐ VC ☐ RC ☐ WQ	_____	_____
Stormwater Retention	Detention/Retention			
☐ Constructed Wetlands		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Wet Ponds		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Retention Basin		☐ VC ☐ RC ☐ WQ	_____	_____
Sediment and Pollutant Removal	Water Quality Treatment			
☐ Vegetated Filter Strips		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Compost Filter Sock		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Detention Basins		☐ VC ☐ RC ☐ WQ	_____	_____
Access Road Design	Infiltration/Recharge			
☐ Road Crowning		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Ditches		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Turnouts		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Culverts		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Roadside Vegetated Filter Strips		☐ VC ☐ RC ☐ WQ	_____	_____

Stormwater Energy Dissipaters	Infiltration/Recharge			
☐ Level Spreaders		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Riprap Aprons		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Upslope Diversions		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Other_____		☐ VC ☐ RC ☐ WQ	_____	_____

d. Critical PCSM Plan stages

Identify and list critical stages of implementation of the PCSM Plan for which a licensed professional or designee shall be present on site.

1. Following final grading and seeding of the collection channels and infiltration berm in order to confirm they have been constructed according to the plan details for proper collection, infiltration, and conveyance of runoff. Periodic assessments will need to be made to ensure that accumulated sediment should be cleaned out so the channels and berm maintain necessary design volume.
2. For final inspection of constructed BMPs.
3. At the establishment of hard surface stabilization or 70% vegetation covers to allow removal of E & S controls.

SECTION I. ANTIDEGRADATION ANALYSIS

This section must be completed where earth disturbance activities will be conducted in the watershed of a surface water with an existing or designated use of exceptional value or high quality pursuant to Chapter 93 (relating to water quality standards), projects where any part is located in an exceptional value wetland in accordance with 25 Pa. Code § 105.17, and projects where any part is located in the watershed of an impaired surface water where the cause of impairment is identified as siltation.

Part 1 - NONDISCHARGE ALTERNATIVES EVALUATION

The applicant must consider and describe any and all non-discharge alternatives for the entire project area which are environmentally sound and will**:**

- Minimize accelerated erosion and sedimentation during the earth disturbance activity
- Achieve no net change from pre-development to post-development volume, rate and concentration of pollutants in water quality

E & S Plan	PCSM/SR Plan
Check off the environmentally sound nondischarge Best Management Practices (BMPs) listed below to be used prior to, during, and after earth disturbance activities that have been incorporated into your E & S Plan based on the site analysis. For non-discharge BMPs not checked, provide an explanation of why they were not utilized. Also for BMPs checked, provide an explanation of why they were utilized. (Provide the analysis and attach additional sheets if necessary) See Section 2 of this ESCGP-3 Application	Check off the environmentally sound nondischarge Best Management Practices (BMPs) listed below to be used after construction that have been incorporated into the PCSM/SR Plan based on your site analysis. For non-discharge BMPs not checked, provide an explanation of why they were not utilized. Also for BMPs checked, provide an explanation of why they were utilized. (Provide the analysis and attach additional sheets if necessary) See Section 3 of this ESCGP-3 Application
Nondischarge BMPs ☐ Alternative Siting ☐ Alternative location ☐ Alternative configuration ☐ Alternative location of discharge ☒ Limited Disturbed Area ☐ Limiting Extent & Duration of Disturbance (Phasing, Sequencing) ☐ Riparian Buffers (150 ft. min.) ☐ Riparian Forest Buffer (150 ft. min.) ☐ Other _____	**Nondischarge BMPs** ☐ Alternative Siting ☐ Alternative location ☐ Alternative configuration ☐ Alternative location of discharge ☐ Low Impact Development (LID / BSD) ☐ Riparian Buffers (150 ft. min.) ☐ Riparian Forest Buffer (150 ft. min.) ☒ Infiltration ☐ Water Reuse ☐ Other _____
Will the non-discharge alternative BMPs eliminate the net change in rate, volume and quality during construction? ☐ Yes ☒ No If yes, antidegradation analysis is complete. If no, proceed to Part 2.	Will the non-discharge alternative BMPs eliminate the net change in rate, volume and quality after construction? ☐ Yes ☒ No If yes, antidegradation analysis is complete. If no, proceed to Part 2.

PART 2 - ANTIDEGRADATION BEST AVAILABLE COMBINATION OF TECHNOLOGIES (ABACT)

If the net change in stormwater discharge from or after construction is not fully managed by nondischarge BMPs, the applicant must utilize ABACT BMPs to manage the difference. The Applicant must specify whether the discharge will occur during construction, post-construction or both, and identify the technologies that will be used to ensure that the discharge will be a non-degrading discharge. ABACT BMPs include but are not limited to:

E & S Plan	PCSM/SR Plan
☒ **Treatment BMPs:** ☐ Sediment basin with skimmer ☐ Sediment basin ratio of 4:1 or greater (flow length to basin width) ☐ Sediment basin with 4-7 day detention ☐ Flocculants ☒ Compost Filter Socks ☒ Compost Filter Sock Sediment Basin ☒ RCE w/ Wash Rack ☒ **Land disposal:** ☐ Vegetated filters ☐ Riparian buffers <150ft. ☐ Riparian Forest Buffer <150ft. ☒ Immediate stabilization ☒ **Pollution prevention:** ☒ PPC Plans ☒ Street sweeping ☒ Channels, collectors and diversions lined with permanent vegetation, rock, geotextile or other non-erosive materials ☐ **Stormwater reuse technologies:** ☐ Sediment basin water for dust control ☐ Sediment basin water for irrigation ☐ **Other** _____	☒ **Treatment BMPs:** ☒ Infiltration Practices ☐ Wet ponds ☐ Created wetland treatment systems ☒ Vegetated swales ☐ Manufactured devices ☒ Bio-retention/infiltration ☐ Green Roofs ☐ **Land disposal:** ☐ Vegetated filters ☐ Riparian Buffers <150ft. ☐ Riparian Forest Buffer <150ft. ☐ Disconnection of roof drainage ☐ Bio-retention/bio-infiltration ☒ **Pollution prevention:** ☐ Street sweeping ☐ Nutrient, pesticide, herbicide or other chemical application plan alternatives ☒ PPC Plans ☒ Non-structural Practices ☒ Restoration BMPs ☐ **Stormwater reuse technologies:** ☐ Divert rainwater into impoundment ☐ Underground storage ☐ Spray/Drip Irrigation ☐ **Other** _____
Are the ABACT BMPs selected sufficient to minimize E&S discharges to the extent that existing or designated surface water uses are protected? ☒ Yes ☐ No If yes, Antidegradation analysis is complete. If no, NOI Application will be returned to the Applicant.	Are the ABACT BMPs selected sufficient to achieve no net change and assure that existing or designated surface water uses are protected? ☒ Yes ☐ No If yes, Antidegradation analysis is complete. If no, NOI Application will be returned to the Applicant.

SECTION J. COMPLIANCE HISTORY REVIEW

Is/was the applicant(s) in violation of any Department regulation, order, schedule of compliance or permit or in violation of any department regulated activities within the past five years?

☒ Yes ☐ No

If yes, provide the permit number or facility name, a brief description of the violation, the compliance schedule (including dates and steps to achieve compliance) and the current compliance status. (Attach additional information on a separate sheet, when necessary)

Permit Program or Activity: Chapter 102, Chapter 105, PAG-10
Permit Number (if applicable):

1. **ESG03000150001, ESG00350150001, ESG00081150001**
2. **E41-649**
3. **E-19-311, E36-947, E-38-195, E40-769,E49-336, E54-360, E58-315, E66-160, E41-667, E18-495,**
4. **PAG109632**

Brief Description of non-compliance:

Consent Assessment of Civil Penalty, Reports past due.

Steps taken to achieve compliance	Date(s) compliance achieved
1. Consent Assessment of Civil Penalty 2. Consent Assessment of Civil Penalty. Permits being obtained to complete channel restoration 3. Consent Assessment of Civil Penalty 4. All past due reports were provided to PADEP	1. 9/20/2020 2. 8/9/2020 3. 9/20/2020 4. 12/14/2017

Current Compliance Status: ☒ In-Compliance ☐ In Non-Compliance

If in non-compliance, attach schedule for achieving compliance.

SECTION K. CERTIFICATION BY PERSON PREPARING E&S AND PCSM/SR PLANS

I do hereby certify to the best of my knowledge, information, and belief, that the Erosion and Sediment Control and PCSM/Site Restoration Plans are true and correct, represent actual field conditions, and are in accordance with the 25 Pa. Code Chapters 78/78a and 102 of the Department's rules and regulations. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment.

Print Name Kevin C. Clark	Signature	Professional Seal
Company BAI Group, LLC		
Address 2525 Green Tech Drive, Suite D, State College, PA-16803		
Phone (814) 238-2060		
Most Recent DEP Training Attended _____	Location _____ Date _____	
e-Mail Address kclark@baigroupllc.com		

EXPEDITED REVIEW PROCESS

In addition to the certification required above, applicants using the expedited permit review process must attach an E&S and PCSM/Site Restoration Plans developed and sealed by a licensed professional engineer, surveyor or professional geologist. The plans shall contain the following certification:

*I do hereby certify to the best of my knowledge, information, and belief, that the E & S Control and PCSM/SR BMPs are true and correct, represent actual field conditions and are in accordance with the 25 Pa. Code Chapters 78 / 78a and 102 of the Department's rules and regulations. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment***.**

SECTION L. APPLICANT CERTIFICATION

Applicant Certification

I certify under penalty of law, as provided by 18 Pa. C.S.A. § 4904, that this application and all related attachments were prepared by me or under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my own knowledge and on inquiry of the person or persons who manage the system or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate and complete. The responsible official's signature also verifies that the activity is eligible to participate in the ESCGP, and that the applicant agrees to abide by the terms and conditions of the permit. BMP's, E&S Plan, PPC Plan, PCSM Plan, and other controls are being or will be, implemented to ensure that water quality standards and effluent limits are attained.

I grant permission to the agencies responsible for the permitting of this work, or their duly authorized representative to enter the project site for inspection purposes. I will abide by the conditions of the permit if issued and will not begin work prior to permit issuance.

(For individuals no indication of title is necessary, choose the box below. All others proceed to the next paragraph)

☐ **Individual; proceed to signature portion.**

I hereby certify under penalty of law, as provided by 18 Pa. C.S.A. § 4904, that I am the person who is responsible for decision-making regarding environmental compliance functions for Transcontinental Gas Pipeline Company, LLC, the manager of one or more manufacturing, production, or operating facilities of the applicant and am authorized to make management decisions which govern the operation of regulated facility including having explicit or implicit duty of making major capital investment recommendations, and initiating and directing other comprehensive measures to assure the applicant's long term environmental compliance with environmental laws and regulations; and I am responsible for ensuring that the necessary systems are established or actions taken to gather complete and accurate information for permit application requirements.

(choose one of the following; not applicable for individuals):

☐ The responsible corporate officer ☐ president ☐ vice president ☐ secretary
☐ treasure of _____ Corporation/Company
Entity name

☒ The ☐ member or ☒ manager of Transcontinental Gas Pipe Line Company, LLC
Entity name

☐ The general partner of _____ partnership/LP/LLP
Entity name

☐ The principal executive officer or ranking elected official of _____ Municipality/State/Federal/other public agency
Entity name

☐ Power of Attorney/delegation of contractual authority (documentation supporting delegation of contracting authority must be provided) for _____
Entity name

_____	_____
Print Name and Title of Applicant	Print Name and Title of Co-Applicant (if applicable)
_____	_____
Signature of Applicant	Signature of Co-Applicant
_____	_____
Date Application Signed	Date Application Signed

Notarization

Sworn to and subscribed to before me this

_____ day of _____, 20_____

_____
Notary Public

AFFIX SEAL

Commonwealth of Pennsylvania

County of _____

My Commission expires _____

SECTION M. ADDITIONAL CONTACT INFORMATION				
Contact's Last Name	First Name	MI	Phone (814) 689-1650	
Nelson	Ryan	J	FAX	
Mailing Address	City		State	ZIP + 4
2525 Green Tech Drive, Suite B	State College		PA	16803
e-Mail Address ryann@whmgroup.com				

Section 1-1.1 NOI Supporting Information

Project Component	Site	Site Location City	ZIP Code	County	Municipality	Total Project Area/Project Site (Acre)	Total Disturbed Area (Acre)	Latitude / Longitude	U.S.G.S. 7.5 min. Topographic Quadrangle	Receiving Waters	Chapter 93, Designated Use Stream Classification	Chapter 93, Existing Use Stream Classification	Siltation Impaired
Regional Energy Lateral	Pipeline			Luzerne	Buck, Bear Creek, Plains, Jenkins, Kingston, Dallas, Wyoming, West Wyoming, Laflin	952.63	420.67 (includes CS 515 and sites below)	41.173337, -75.671706 (eastern terminus) 41.346917, -75.946263 (western terminus)	Kingston, Pittston, Avoca, Wilkes-Barre East, Pleasant View Summit	Stony Run, Shades Creek, Little Shades Creek, Snider Run, Meadow Run, Bear Creek, Little Bear Creek, Mill Creek, Gardner Creek, Susquehanna River, Abrahams Creek, Toby Creek, Trout Brook	MF, HQ-CWF, WWF, CWF	-	No
	CY-LU-001	Wyoming	18644	Luzerne	Wyoming		16.3 (Included within above total)	41.31016, -75.84636		Abrahams Creek	CWF, MF	-	No
	CY-LU-002	Wilkes-Barre	18702	Luzerne	Laflin		11.4 (Included within above total)	41.28491, -75.79026		Gardner Creek	CWF, MF	-	No
	MLV-515RA20	Wilkes-Barre	18702	Luzerne	Bear Creek Township		0.46 (Included within above total)	41.25279, -75.75856		Mill Creek	CWF, MF	-	No
	MLV-515RA30	Wyoming	18644	Luzerne	Wyoming Borough		0.44 (Included within above total)	41.30411, -75.84662		Susquehanna River	WWF		No
	Carverton Tie-in	Wyoming	18644	Luzerne	West Wyoming Borough		3.9 (Included within above total)	41.32053, -75.87270		Abrahams Creek	CWF, MF		No
	Lower Demunds REL Tie-in	Dallas	18612	Luzerne	Dallas Township		1.7 (Included within above total)	41.34652, -75.94551		Trout Brook	CWF, MF		No
	Hildebrandt Tie-in/MLV-515RA40	Dallas	18612	Luzerne	Dallas Township		3.1 (Included within above total)	41.34692, -75.94629		Toby Creek, Trout Brook	CWF, MF		No
	Laflin Borough Stream Stabilization	Wilkes-Barre	18702	Luzerne	Laflin Borough		0.94 (Included within above total)	41.28925, -75.80209		Gardner Creek	CWF, MF	-	No
Effort Loop	Pipeline			Monroe	Ross, Chestnuthill, Tunkhannock	360.63	262.18	40.896796, -75.370606 (Southeast Terminus) 41.053413, -75.526178 (Northwest Terminus)	Blakeslee, Pocono Pines, Brodheadsville, Saylorsburg	Lake Creek, Princess Run, Weir Creek, McMichael Creek, Pohopoco Creek, Sugar Hollow Creek, Poplar Creek, Mud Run, Mud Pond Run, Tunkhannock Creek	EV, MF, HQ-CWF, CWF	EV, MF	No

Project Component	Site	Site Location City	ZIP Code	County	Municipality	Total Project Area/Project Site (Acre)	Total Disturbed Area (Acre)	Latitude / Longitude	U.S.G.S. 7.5 min. Topographic Quadrangle	Receiving Waters	Chapter 93, Designated Use Stream Classification	Chapter 93, Existing Use Stream Classification	Siltation Impaired
	MLV-505LD86 Sugar Hollow Valve Yard	Effort	18330	Monroe	Chestnut Hill Township		8.8 (Included within above total)	40.96775, -75.42980		Sugar Hollow Creek	CWF, MF	-	No
	CY-MO-001	Saylorsburg	18353	Monroe	Ross Township		50.1 (Included within above total)	40.89803, -75.36784		Lake Creek, Princess Run	HQ-CWF, MF, CWF	-	No
Delaware River Regulator		Easton	18040	Northampton	Lower Mt. Bethel	11.28	3.25	40.76220 -75.19653	Bangor, PA	Mud Run	CWF, MF	-	No
Mainline "A" Regulator		Washington Crossing	18977	Bucks	Lower Makefield	0.94	0.530	40.26807, -74.85712	Pennington, NJ-PA	Dyers Creek, Delaware River	MF, WWF	-	No
Compressor Station 200		Frazer	19335	Chester	East Whiteland	20.28	3.16	40.04998, -75.58589	Malvern, PA	Valley Creek	EV, MF, CWF	-	Yes
Compressor Station 515		White Haven	18661	Luzerne	Buck	952.63 (Included with Regional Energy Lateral)	24.83 (included with Regional Energy Lateral)	41.17380, -75.67118	Pleasant View Summit, PA	Shades Creek, Stony Run	HQ-CWF, MF	-	No

pennsylvania
DEPARTMENT OF ENVIRONMENTAL PROTECTION

COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
BUREAU OF CLEAN WATER

COUNTY NOTIFICATION OF PLANNED LAND DEVELOPMENT FOR CHAPTER 102 PERMITS

PROJECT INFORMATION (COMPLETED BY APPLICANT)

Applicant Name:	**Transcontinental Gas Pipe Line Company, a subsidiary of Williams Partners, L.P.**	Contact Name:	**Joseph Dean** **Manager-Permitting**
Applicant Address:	**2800 Post Oak Blvd, Level 11**	Contact Phone:	**(713) 215-3427**
Applicant City, State, ZIP:	**Houston, TX 77056**	County:	**Northampton**

Description of Proposed Land Development and Stormwater Controls:

The existing Delaware River Regulator component of the Regional Energy Access Expansion Project is proposed to upsize the existing control valves and associated controls, replace Annubar and install 24" backpressure regulator for B line. E&S BMP's are proposed.

Municipality: **Lower Mt. Bethel**

Project Area: **11.28** acres ☐ Phased

Disturbance: **3.25** acres

Surface Waters Receiving Stormwater Discharges:

Mud Run

Discharge to: ☐ MS4 ☐ Other SS ☐ CSS

Tax Parcel ID(s) Affected by Proposed Land Development:

H10 7 2 0117, H10 6 15 0117, H10 6 15A 0117, H10 7 1A 0117, H10 7 3 0117

The following information was submitted to the county for this project:

☐ Land Development / Subdivision Plan ☒ E&S Plan ☐ PCSM Plan ☐ Other:

***On March 31, 2021 Transco submitted to you its E&S and PCSM Plans (Plans) as part of the ESCGP-3 permit application notification. Transco provided an update in July 2021 indicating the Erosion and Sediment Control Permit for Discharges of Stormwater Associated with Construction Activities Application was submitted to the PA Dept. of Environmental Protection to replace the ESCGP-3 application. Transco has updated the application in response to the PADEP Technical Deficiencies and is providing the updated materials. Updated drawings, location maps, GIF form and Parcel ID tables are included.**

COUNTY PLAN INFORMATION (COMPLETED BY COUNTY)

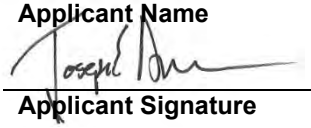
Name of county organization completing this assessment:

1.	Is there an adopted county or multi-county comprehensive plan?	☐ Yes	☐ No	
2.	If Yes to #1, is the proposed project consistent with the county plan?	☐ Yes	☐ No	
3.	Is there a DEP-approved Act 167 stormwater management plan?	☐ Yes	☐ No	☐ CCD
4.	If Yes to #3, is the proposed project consistent with the Act 167 plan, without waiver?	☐ Yes	☐ No	☐ CCD
5.	If Yes to #3, list the date of the latest plan / update approved by DEP:			☐ CCD

APPLICANT CERTIFICATION	COUNTY ACKNOWLEDGEMENT
I certify under penalty of law (see 18 Pa.C.S. § 4904 (relating to unsworn falsification)) that the information reported herein was prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the information, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.	The county acknowledges that a permit application for the above-referenced project has been submitted to a reviewing agency and that notification requirements of Act 14 of 1984 and Acts 67, 68, and 127 of 2000 have been satisfied. The information reported herein by the county is true and accurate. County acknowledgment of receipt of notification shall not be construed as project approval.

Joseph Dean

Applicant Name



Applicant Signature

Manager - Permitting

Applicant Title

04/06/2022

Date of Signature

County Representative Name

County Representative Signature

County Representative Title

Date of Signature

From: UPS
To: SFOX@WHMGROUP.COM
Subject: UPS Delivery Notification, Tracking Number 1Z8797VV0397935605
Date: Friday, April 8, 2022 10:26:05 AM

Hello, your package has been delivered.

Delivery Date: Friday, 04/08/2022
Delivery Time: 10:21 AM
Left At: RECEIVER
Signed by: JOHNSON

WHM CONSULTING, INC

Tracking Number:	1Z8797VV0397935605
Ship To:	NORTHAMPTON COUNTY COUNCIL 669 WASHINGTON STREET EASTON, PA 18042 US
Number of Packages:	1
UPS Service:	UPS Ground
Package Weight:	1.0 LBS
Reference Number:	WILLIAMS-20-266, T 002

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Transcontinental Gas Pipe Line Company, LLC

Section 1-11 – General Information Form

Regional Energy Access Expansion Project

April 2021
(Added July 2021)
(Revised March 2022)

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DEPARTMENT OF ENVIRONMENTAL PROTECTION

COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION

GENERAL INFORMATION FORM – AUTHORIZATION APPLICATION

Before completing this General Information Form (GIF), read the step-by-step instructions provided in this application package. This form is used by the Department of Environmental Protection (DEP) to inform our programs regarding what other DEP permits or authorizations may be needed for the proposed project or activity. This version of the General Information Form (GIF) must be completed and returned with any program-specific application being submitted to the DEP.

Related ID#s (If Known)				DEP USE ONLY
Client ID#		**APS ID#**		Date Received & General Notes
Site ID#		**Auth ID#**		
Facility ID#				

CLIENT INFORMATION

DEP Client ID#	Client Type / Code	Dun & Bradstreet ID#
163321	LLC	

Legal Organization Name or Registered Fictitious Name	Employer ID# (EIN)	Is the EIN a SSN?
Transcontinental Gas Pipe Line Company, LLC	74-1079400	☐ Yes ☒ NO

State of Incorporation or Registration of Fictious Name

☐ Corporation ☒ LLC ☐ Partnership ☐ LLP ☐ LP
☐ Sole Proprietorship ☐ Association/Organization
☐ Estate/Trust ☐ Other

Individual Last Name	First Name	MI	Suffix

Additional Individual Last Name	First Name	MI	Suffix

Mailing Address Line 1	Mailing Address Line 2
2800 Post Oak Blvd, Level 11	

Address Last Line – City	State	ZIP+4	Country
Houston	TX	77056	United States

Client Contact Last Name	First Name	MI	Suffix
Dean	Joseph		

Client Contact Title	Phone	Ext	Cell Phone
Manager, Permitting	(713) 215-3427		

Email Address	FAX
Joseph.Dean@Williams.com	

SITE INFORMATION

DEP Site ID#	Site Name
	Regional Energy Access Expansion Project

EPA ID# **Estimated Number of Employees to be Present at Site**

Description of Site
The Project is an expansion of an existing natural gas transmission system consisting of pipelines, modification of three existing compressor stations and additional existing ancillary facilities.

Tax Parcel ID(s):

County Name(s)	Municipality(ies)	City	Boro	Twp	State
Luzerne	Buck, Bear Creek, Plains, Jenkins, Kingston, Dallas, Wyoming, West Wyoming, Laflin	☐	☒	☒	PA
Monroe	Ross, Chestnuthill, Tunkhannock	☐	☐	☒	PA
Northampton	Lower Mt. Bethel	☐	☐	☒	PA
Bucks	Lower Makefield	☐	☐	☒	PA
Chester	East Whiteland	☐	☐	☒	PA
		☐	☐	☒	PA
		☐	☒	☐	PA

Site Location Line 1	Site Location Line 2
See Section 1.1 - GIF Supporting Information	

Site Location Last Line – City	State	ZIP+4

Detailed Written Directions to Site
See Secton 1.1 - GIF Supporting Information for locations of all project sites.

Site Contact Last Name	First Name	MI	Suffix
Henry	Josh		

Site Contact Title	Site Contact Firm
Environmental Specialist	Transcontinental Gas Pipe Line Company, LLC.

Mailing Address Line 1	Mailing Address Line 2
2000 Commerce Drive, Park Place 2	

Mailing Address Last Line – City	State	ZIP+4
Pittsburgh	PA	15275

Phone	Ext	FAX	Email Address
(412) 787- 4277			Josh.Henry@Williams.com

NAICS Codes (Two- & Three-Digit Codes – List All That Apply) **6-Digit Code** (Optional)
221

Client to Site Relationship
OWNOP

FACILITY INFORMATION

Modification of Existing Facility	Yes	No
1. **Will this project modify an existing facility, system, or activity?**	☒	☐
2. **Will this project involve an addition to an existing facility, system, or activity?**	☒	☐

If "Yes", check all relevant facility types and provide DEP facility identification numbers below.

	Facility Type	DEP Fac ID#		Facility Type	DEP Fac ID#
☐	Air Emission Plant		☐	Industrial Minerals Mining Operation	
☐	Beneficial Use (water)		☐	Laboratory Location	
☐	Blasting Operation		☐	Land Recycling Cleanup Location	
☐	Captive Hazardous Waste Operation		☐	Mine Drainage Treatment / Land Recycling Project Location	
☐	Coal Ash Beneficial Use Operation		☐	Municipal Waste Operation	
☐	Coal Mining Operation		☐	Oil & Gas Encroachment Location	
☐	Coal Pillar Location		☐	Oil & Gas Location	
☐	Commercial Hazardous Waste Operation		☐	Oil & Gas Water Poll Control Facility	
☐	Dam Location		☐	Public Water Supply System	
☐	Deep Mine Safety Operation -Anthracite		☐	Radiation Facility	
☐	Deep Mine Safety Operation -Bituminous		☐	Residual Waste Operation	
☐	Deep Mine Safety Operation -Ind Minerals		☐	Storage Tank Location	
☐	Encroachment Location (water, wetland)		☐	Water Pollution Control Facility	
☐	Erosion & Sediment Control Facility		☐	Water Resource	
☐	Explosive Storage Location		☒	Other: Natural Gas Transmission	

Latitude/Longitude Point of Origin	Latitude Degrees	Latitude Minutes	Latitude Seconds	Longitude Degrees	Longitude Minutes	Longitude Seconds
See Section 1.1 - GIF Supporting Information						

Horizontal Accuracy Measure	Feet	*--or--*	Meters
Horizontal Reference Datum Code	☐ North American Datum of 1927 ☒ North American Datum of 1983 ☐ World Geodetic System of 1984		
Horizontal Collection Method Code	GISDR		
Reference Point Code	CNTAR		
Altitude	Feet	*--or--*	Meters
Altitude Datum Name	☐ The National Geodetic Vertical Datum of 1929 ☒ The North American Vertical Datum of 1988 (NAVD88)		
Altitude (Vertical) Location Datum Collection Method Code	TOPO		

Geometric Type Code	POINT				
Data Collection Date	2020				
Source Map Scale Number	1	Inch(es)	=	2,000	Feet
--or--		Centimeter(s)	=		Meters

PROJECT INFORMATION

Project Name
Regional Energy Access Expansion Project

Project Description
The Project is an expansion of Transco's existing natural gas transmission system that will enable Transco to provide an incremental 829,400 dekatherms per day (Dth/d) of year-round firm transportation capacity from the Marcellus Shale production area in northeastern Pennsylvania (PA) to multiple delivery points along Transco's Leidy Line in PA, Transco's mainline at the Station 210 Zone 6 Pooling Point in Mercer County, New Jersey (NJ) and multiple delivery points in Transco's Zone 6 in NJ, PA, and Maryland (MD). The Project will consist of the following components:

• Approximately 22.2 miles of 30-inch-diameter pipeline partially collocated with Transco's Leidy Line A from milepost (MP) 0.00 to MP 22.32 in Luzerne County, PA (Regional Energy Lateral);

• Approximately 13.8 miles of 42-inch-diameter pipeline collocated with Transco's Leidy Line System from MP 43.72 to MP 57.50 in Monroe County, PA (Effort Loop);

• New electric motor-driven compressor station identified as Compressor Station 201 with 9,000 nominal horsepower (HP) in Gloucester County, NJ;

• Addition of two gas-fired turbine driven compressor units with 31,800 nominal HP at ISO conditions at existing Compressor Station 505 in Somerset County, NJ, to accommodate the abandonment and replacement of approximately 16,000 HP from eight existing internal combustion engine-driven compressor units and increase the certificated station compression by 15,800 HP;

• Addition of two gas-fired turbine driven compressor units with 63,742 nominal HP at ISO conditions and modification of three existing compressors at existing Compressor Station 515 in Luzerne County, PA to support the Project and to accommodate the abandonment and replacement of approximately 17,000 HP from five existing gas-fired reciprocating engine driven compressors and increase the certificated station compression by 46,742 HP;

• Uprate and rewheel two existing electric motor-driven compressor units at existing Compressor Station 195 in York County, PA to increase the certificated station compression by 6,000 HP and accommodate the abandonment of two existing gas-fired reciprocating engine driven compressors, which total approximately 8,000 HP;

• Modifications at existing Compressor Station 200 in Chester County, PA;

• Uprate one existing electric motor-driven compressor unit at Compressor Station 207 in Middlesex County, NJ to increase the certificated station compression by 4,100 HP;

• Modifications to three (3) existing pipeline tie-ins in PA (Hildebrandt Tie-in, Lower Demunds REL Tie-in, and Carverton Tie-in);

• Addition of regulation controls at an existing valve setting on Transco's Mainline "A" in Bucks County, PA (Mainline A Regulator);

• Modifications at the existing Delaware River Regulator in Northampton County, PA;

• Modifications at the existing Centerville Regulator in Somerset County, NJ;

• Modifications to the existing valves and piping at the Princeton Junction (Station 210 Pooling Point) in Mercer County, NJ;

• Modifications to three (3) existing delivery meter stations in NJ (Camden M&R Station, Lawnside M&R Station, and Mt. Laurel M&R Station);

• Modifications to one (1) existing delivery meter station in MD (Beaver Dam M&R Station);

• Contractual changes (no modifications) at ten (10) existing delivery meter stations in PA and NJ (Algonquin-Centerville Meter Station, Post Road Meter Station, New Village Meter Station, Spruce Run Meter Station, Marcus Hook Meter Station, Ivyland Meter Station, Repaupo Meter Station, Morgan Meter Station, Lower Mud Run Meter Station, and Chesterfield Meter Station);

• Additional ancillary facilities, such as mainline valves (MLVs), cathodic protection, communication facilities, and internal inspection device (e.g., pig) launchers and receivers in PA; and

• Existing, improved, and new access roads and contractor yards/staging areas in PA, NJ, and MD.

In an ongoing effort to reduce its air emissions footprint, Transco is assessing the replacement of vintage gas-fired reciprocating engine driven compressors with more efficient state-of-the-art gas-fired turbine driven compressors. The proposed compression abandonment and replacement scopes at Transco's existing Compressor Station 505 and Compressor Station 515 are part of this effort and have been adopted into the Project scope. Additionally, the uprate and optimization of existing electric motor-driven compression to accommodate abandonment of gas-fired reciprocating engine driven compression at Compressor Station 195 has also been adopted into the Project scope.

The Algonquin-Centerville, Post Road, New Village, Spruce Run, Marcus Hook, Ivyland, Repaupo, Morgan, Lower Mud Run, and Chesterfield Meter Stations can accommodate the contractual changes proposed as part of this Project; therefore, no modifications are proposed at these facilities

Project Consultant Last Name	**First Name**	**MI**	**Suffix**
Nelson	Ryan		

Project Consultant Title	**Consulting Firm**
Senior Project Manager	WHM Consulting, LLC

Mailing Address Line 1	**Mailing Address Line 2**
2525 Green Tech Drive; Suite B	

Address Last Line – City	**State**	**ZIP+4**
State College	PA	16803

Phone	**Ext**	**FAX**	**Email Address**
(814) 689-1650	102		ryann@whmgroup.com

Time Schedules	**Project Milestone (Optional)**
March 2021	Submit 401 WQC
April 2021	Submit Chapter 102 / 105 Permits
2nd Quarter of 2023	Commence Construction
4th Quarter 2024	In-service Date

1. Is the project located in or within a 0.5-mile radius of an Environmental Justice community as defined by DEP? ☒ Yes ☐ No

To determine if the project is located in or within a 0.5-mile radius of an environmental justice community, please use the online Environmental Justice Areas Viewer.

2. Have you informed the surrounding community prior to submitting the application to the Department? ☒ Yes ☐ No

Method of notification:

1) Open house schedule mailed to affected parties;

2) Newspaper advertisements of open houses placed in newspapers of general circulation in the Project area;

3) Open houses (a mixture of virtual and in-person) held in the county of each major project scope item;
4) Newspaper advertisements prior to commencement of construction, which will be placed in those same publications;
5) Notification to businesses potentially affected by construction;
6) Designation of a point of contact for stakeholder communication;
7) A Project toll free telephone number for public inquiries; and
•8) A Project website with periodic updates of relevant information.

3. Have you addressed community concerns that were identified? ☒ Yes ☐ No ☐ N/A

If no, please briefly describe the community concerns that have been expressed and not addressed.

4. Is your project funded by state or federal grants? ☐ Yes ☒ No

Note: If "Yes", specify what aspect of the project is related to the grant and provide the grant source, contact person and grant expiration date.

Aspect of Project Related to Grant
Grant Source: _____
Grant Contact Person: _____
Grant Expiration Date: _____

5. Is this application for an authorization on Appendix A of the Land Use Policy? (For referenced list, see Appendix A of the Land Use Policy attached to GIF instructions) ☒ Yes ☐ No

Note: If "No" to Question 5, the application is not subject to the Land Use Policy.
If "Yes" to Question 5, the application is subject to this policy and the Applicant should answer the additional questions in the **Land Use Information** section.

LAND USE INFORMATION

Note: Applicants should submit copies of local land use approvals or other evidence of compliance with local comprehensive plans and zoning ordinances.

1.	**Is there an adopted county or multi-county comprehensive plan?**	☒	Yes	☐	No
2.	**Is there a county stormwater management plan?**	☒	Yes	☐	No
3.	**Is there an adopted municipal or multi-municipal comprehensive plan?**	☒	Yes	☐	No
4.	**Is there an adopted county-wide zoning ordinance, municipal zoning ordinance or joint municipal zoning ordinance?**	☒	Yes	☐	No
5.	**Does the proposed project meet the provisions of the zoning ordinance or does the proposed project have zoning approval?** If zoning approval has been received, attach documentation.	☒	Yes	☐	No
6.	**Have you attached Municipal and County Land Use Letters for the project?**	☐	Yes	☒	No

Note: If the Applicant answers "No" to either Questions 1, 3 or 4, the provisions of the PA MPC are not applicable and the Applicant does not need to respond to questions 5 and 6 below.
If the Applicant answers "Yes" to questions 1, 3 and 4, the Applicant should respond to questions 5 and 6 below.

* This Project is regulated by the Federal Energy Regulatory Commission (FERC) under the Natural Gas Act. FERC has exclusive jurisdiction over siting of the Project, therefore, local zoning is preempted.

COORDINATION INFORMATION

Note: The PA Historical and Museum Commission must be notified of proposed projects in accordance with DEP Technical Guidance Document 012-0700-001 utilizing the Project Review Form.

If the activity will be a mining project (i.e., mining of coal or industrial minerals, coal refuse disposal and/or the operation of a coal or industrial minerals preparation/processing facility), respond to questions 1.0 through 2.5 below.

If the activity will not be a mining project, skip questions 1.0 through 2.5 and begin with question 3.0.

1.0	**Is this a coal mining project?** If "Yes", respond to 1.1-1.6. If "No", skip to Question 2.0.	☐	Yes	☒	No
1.1	**Will this coal mining project involve coal preparation/ processing activities in which the total amount of coal prepared/processed will be equal to or greater than 200 tons/day?**	☐	Yes	☐	No
1.2	**Will this coal mining project involve coal preparation/ processing activities in which the total amount of coal prepared/processed will be greater than 50,000 tons/year?**	☐	Yes	☐	No
1.3	**Will this coal mining project involve coal preparation/ processing activities in which thermal coal dryers or pneumatic coal cleaners will be used?**	☐	Yes	☐	No
1.4	**For this coal mining project, will sewage treatment facilities be constructed and treated waste water discharged to surface waters?**	☐	Yes	☐	No
1.5	**Will this coal mining project involve the construction of a permanent impoundment meeting one or more of the following criteria: (1) a contributory drainage area exceeding 100 acres; (2) a depth of water measured by the upstream toe of the dam at maximum storage elevation exceeding 15 feet; (3) an impounding capacity at maximum storage elevation exceeding 50 acre-feet?**	☐	Yes	☐	No
1.6	**Will this coal mining project involve underground coal mining to be conducted within 500 feet of an oil or gas well?**	☐	Yes	☐	No
2.0	**Is this a non-coal (industrial minerals) mining project?** If "Yes", respond to 2.1-2.6. If "No", skip to Question 3.0.	☐	Yes	☒	No
2.1	**Will this non-coal (industrial minerals) mining project involve the crushing and screening of non-coal minerals other than sand and gravel?**	☐	Yes	☐	No
2.2	**Will this non-coal (industrial minerals) mining project involve the crushing and/or screening of sand and gravel with the exception of wet sand and gravel operations (screening only) and dry sand and gravel operations with a capacity of less than 150 tons/hour of unconsolidated materials?**	☐	Yes	☐	No
2.3	**Will this non-coal (industrial minerals) mining project involve the construction, operation and/or modification of a portable non-metallic (i.e., non-coal) minerals processing plant under the authority of the General Permit for Portable Non-metallic Mineral Processing Plants (i.e., BAQ-PGPA/GP-3)?**	☐	Yes	☐	No
2.4	**For this non-coal (industrial minerals) mining project, will sewage treatment facilities be constructed and treated waste water discharged to surface waters?**	☐	Yes	☐	No
2.5	**Will this non-coal (industrial minerals) mining project involve the construction of a permanent impoundment meeting one or more of the following criteria: (1) a contributory drainage area exceeding 100 acres; (2) a depth of water measured by the upstream toe of the dam at maximum storage elevation exceeding 15 feet; (3) an impounding capacity at maximum storage elevation exceeding 50 acre-feet?**	☐	Yes	☐	No

3.0	**Will your project, activity, or authorization have anything to do with a well related to oil or gas production, have construction within 200 feet of, affect an oil or gas well, involve the waste from such a well, or string power lines above an oil or gas well?** If "Yes", respond to 3.1-3.3. If "No", skip to Question 4.0.	☐	Yes	☒	No
3.1	**Does the oil- or gas-related project involve any of the following: placement of fill, excavation within or placement of a structure, located in, along, across or projecting into a watercourse, floodway or body of water (including wetlands)?**	☐	Yes	☐	No
3.2	**Will the oil- or gas-related project involve discharge of industrial wastewater or stormwater to a dry swale, surface water, ground water or an existing sanitary sewer system or storm water system?** If "Yes", discuss in *Project Description*.	☐	Yes	☐	No
3.3	**Will the oil- or gas-related project involve the construction and operation of industrial waste treatment facilities?**	☐	Yes	☐	No
4.0	**Will the project involve a construction activity that results in earth disturbance?** If "Yes", specify the total disturbed acreage.	☒	Yes	☐	No
	4.0.1 Total Disturbed Acreage + / - 672				
	4.0.2 Will the project discharge or drain to a special protection water (EV or HQ) or an EV wetland?	☒	Yes	☐	No
	4.0.3 Will the project involve a construction activity that results in earth disturbance in the area of the earth disturbance that are contaminated at levels exceeding residential or non-residential medium-specific concentrations (MSCs) in 25 Pa. Code Chapter 250 at residential or non-residential construction sites, respectively?	☐	Yes	☒	No
5.0	**Does the project involve any of the following: water obstruction and/or encroachment, wetland impacts, or floodplain project by the Commonwealth/political subdivision or public utility?** If "Yes", respond to 5.1-5.7. If "No", skip to Question 6.0.	☒	Yes	☐	No
5.1	**Water Obstruction and Encroachment Projects – Does the project involve any of the following: placement of fill, excavation within or placement of a structure, located in, along, across or projecting into a watercourse, floodway or body of water?**	☒	Yes	☐	No
5.2	**Wetland Impacts – Does the project involve any of the following: placement of fill, excavation within or placement of a structure, located in, along, across or projecting into a wetland?**	☒	Yes	☐	No
5.3	**Floodplain Projects by the Commonwealth, a Political Subdivision of the Commonwealth or a Public Utility – Does the project involve any of the following: placement of fill, excavation within or placement of a structure, located in, along, across or projecting into a floodplain?**	☐	Yes	☒	No
5.4	**Is your project an interstate transmission natural gas pipeline?**	☒	Yes	☐	No
5.5	**Does your project consist of linear construction activities which result in earth disturbance in two or more DEP regions AND three or more counties?**	☒	Yes	☐	No
5.6	**Does your project utilize Floodplain Restoration as a best management practice for Post Construction Stormwater Management?**	☐	Yes	☒	No
5.7	**Does your project utilize Class V Gravity / Injection Wells as a best management practice for Post Construction Stormwater Management?**	☐	Yes	☒	No
6.0	**Will the project involve discharge of construction related stormwater to a dry swale, surface water, ground water or separate storm water system?**	☒	Yes	☐	No

6.1	**Will the project involve discharge of industrial waste stormwater or wastewater from an industrial activity or sewage to a dry swale, surface water, ground water or an existing sanitary sewer system or separate storm water system?**	☒	Yes	☐	No
7.0	**Will the project involve the construction and operation of industrial waste treatment facilities?**	☐	Yes	☒	No
8.0	**Will the project involve construction of sewage treatment facilities, sanitary sewers, or sewage pumping stations?** If "Yes", indicate estimated proposed flow (gal/day). Also, discuss the sanitary sewer pipe sizes and the number of pumping stations/treatment facilities/name of downstream sewage facilities in the *Project Description*, where applicable.	☐	Yes	☒	No
	8.0.1 Estimated Proposed Flow (gal/day)				
9.0	**Will the project involve the subdivision of land, or the generation of 800 gpd or more of sewage on an existing parcel of land or the generation of an additional 400 gpd of sewage on an already-developed parcel, or the generation of 800 gpd or more of industrial wastewater that would be discharged to an existing sanitary sewer system?**	☐	Yes	☒	No
	9.0.1 Was Act 537 sewage facilities planning submitted and approved by DEP? If "Yes" attach the approval letter. Approval required prior to 105/NPDES approval.	☐	Yes	☐	No
10.0	**Is this project for the beneficial use of biosolids for land application within Pennsylvania?** If "Yes" indicate how much (i.e. gallons or dry tons per year).	☐	Yes	☒	No
	10.0.1 Gallons Per Year (residential septage)				
	10.0.2 Dry Tons Per Year (biosolids)				
11.0	**Does the project involve construction, modification or removal of a dam?** If "Yes", identify the dam.	☐	Yes	☒	No
	11.0.1 Dam Name				
12.0	**Will the project interfere with the flow from, or otherwise impact, a dam?** If "Yes", identify the dam.	☐	Yes	☒	No
	12.0.1 Dam Name				
13.0	**Will the project involve operations (excluding during the construction period) that produce air emissions (i.e., NOX, VOC, etc.)?**	☒	Yes	☐	No
	13.0.1 If "Yes", is the operation subject to the agricultural exemption in 35 P.S. § 4004.1?	☐	Yes	☒	No

13.0.2 If the answer to 13.0.1 is "No", identify each type of emission followed by the estimated amount of that emission.

Enter all types & amounts of emissions; separate each set with semicolons.

Summary of Compressor Station 515 Estimated Net Operational Potential to Emit (PTE): NOx - 196.8; CO - 314.40; VOC - 50.6; SO2 - 14.0; PM10/PM2.5 - 30.6; Single HAP (formaldehyde)- 8.7; Total HAP - 12.2; CO2e - 511,413 = Annual (tpy)

Summary of Pipeline and M&R Station Estimated Operational Potential to Emit (PTE): VOC - 1.17; Single HAP - 0.20; Total HAP - 0.20; CO2e - 5460.47 = Annual (tpy)

Modifications to Compressor Station 195 and Compressor Station 200 only include uprating existing electric motor-driven compression capacity or piping and valve modifications; therefore, Transco anticipates these facilities will have insignificant operational emissions.

14.0	**Does the project include the construction or modification of a drinking water supply to serve 15 or more connections or 25 or more people, at least 60 days out of the year?** If "Yes", check all proposed sub-facilities.	☐	Yes	☒	No
	14.0.1 Number of Persons Served _____				
	14.0.2 Number of Employee/Guests _____				
	14.0.3 Number of Connections _____				
	14.0.4 Sub-Fac: Distribution System	☐	Yes	☐	No
	14.0.5 Sub-Fac: Water Treatment Plant	☐	Yes	☐	No
	14.0.6 Sub-Fac: Source	☐	Yes	☐	No
	14.0.7 Sub-Fac: Pump Station	☐	Yes	☐	No
	14.0.8 Sub Fac: Transmission Main	☐	Yes	☐	No
	14.0.9 Sub-Fac: Storage Facility	☐	Yes	☐	No
15.0	**Will your project include infiltration of storm water or waste water to ground water within one-half mile of a public water supply well, spring or infiltration gallery?**	☒	Yes	☐	No
16.0	**Is your project to be served by an existing public water supply?** If "Yes", indicate name of supplier and attach letter from supplier stating that it will serve the project.	☐	Yes	☒	No
	16.0.1 Supplier's Name _____				
	16.0.2 Letter of Approval from Supplier is Attached	☐	Yes	☐	No
17.0	**Will this project be served by on-lot drinking water wells?**	☐	Yes	☒	No
18.0	**Will this project involve a new or increased drinking water withdrawal from a river, stream, spring, lake, well or other water bod(ies)?** If "Yes", reference Safe Drinking Water Program.	☐	Yes	☒	No
	18.0.1 Source Name				
19.0	**Will the construction or operation of this project involve treatment, storage, reuse, or disposal of waste?** If "Yes", indicate what type (i.e., hazardous, municipal (including infectious & chemotherapeutic), residual) and the amount to be treated, stored, re-used or disposed.	☐	Yes	☒	No
	19.0.1 Type & Amount				
20.0	**Will your project involve the removal of coal, minerals, contaminated media, or solid waste as part of any earth disturbance activities?**	☐	Yes	☒	No
21.0	**Does your project involve installation of a field constructed underground storage tank?** If "Yes", list each Substance & its Capacity. **Note:** Applicant may need a Storage Tank Site Specific Installation Permit.	☐	Yes	☒	No
	21.0.1 Enter all substances & capacity of each; separate each set with semicolons.				
22.0	**Does your project involve installation of an aboveground storage tank greater than 21,000 gallons capacity at an existing facility?** If "Yes", list each Substance & its Capacity. **Note:** Applicant may need a Storage Tank Site Specific Installation Permit.	☐	Yes	☒	No
	22.0.1 Enter all substances & capacity of each; separate each set with semicolons.				
23.0	**Does your project involve installation of a tank greater than 1,100 gallons which will contain a highly hazardous substance as defined in DEP's Regulated Substances List, 2570-BK-DEP2724?** If "Yes", list each Substance & its Capacity. **Note:** Applicant may need a Storage Tank Site Specific Installation Permit.	☐	Yes	☒	No
	23.0.1 Enter all substances & capacity of each; separate each set with semicolons.				

24.0	**Does your project involve installation of a storage tank at a new facility with a total AST capacity greater than 21,000 gallons?** If "Yes", list each Substance & its Capacity. **Note:** Applicant may need a Storage Tank Site Specific Installation Permit. **24.0.1 Enter all substances & capacity of each; separate each set with semicolons.**	☐	Yes	☒	No

NOTE: If the project includes the installation of a regulated storage tank system, including diesel emergency generator systems, the project may require the use of a Department Certified Tank Handler. For a full list of regulated storage tanks and substances, please go to www.dep.pa.gov search term storage tanks

25.0	**Will the intended activity involve the use of a radiation source?**	☐	Yes	☒	No

CERTIFICATION

I certify that I have the authority to submit this application on behalf of the applicant named herein and that the information provided in this application is true and correct to the best of my knowledge and information.

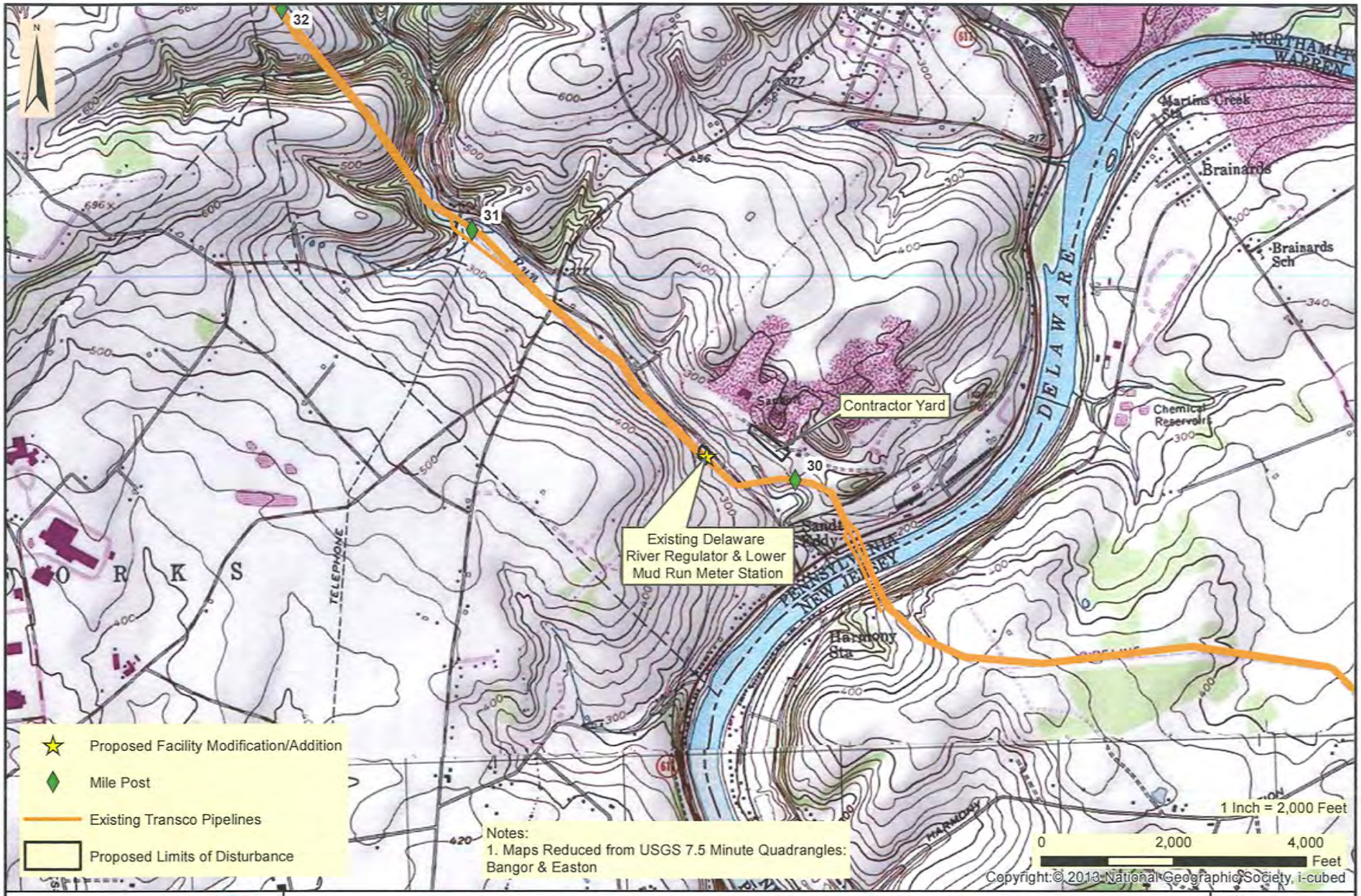
For applicants supplying an EIN number: I am applying for a permit or authorization from the Pennsylvania Department of Environmental Protection (DEP). As part of this application, I will provide DEP with an accurate EIN number for the applicant entity. By filing this application with DEP, I hereby authorize DEP to confirm the accuracy of the EIN number provided with the Pennsylvania Department of Revenue. As applicant, I further consent to the Department of Revenue discussing the same with DEP prior to issuance of the Commonwealth permit or authorization.

Type or Print Name Joseph Dean

Signature	Title	Date
	Manager, Permitting	02/24/2022

GIF Supporting Information

Project Component	Site	Site Location City	ZIP Code	Detailed Written Directions to Site	Latitude / Longitude
Effort Loop	Eastern Terminus	Saylorsburg	18353	From 209: heading East – Turn Right onto Frable Rd/T432. Follow for 1.7 miles. Turn Right onto Meixsell Valley Road/T361. Follow for .2 miles then turn left. Destination is in ~340 feet. Heading West-Turn Left onto Rte 115. Follow for 1.1 miles, then turn right onto Meixsell Valley Rd/T361. Continue for 1.4 miles then turn left. Destination is in ~340 feet.	40.896796, -75.370606
	Western Terminus	Long Pond	18334	From I-80: Heading East- Take exit 284 for PA-115 towards Blakeslee. Keep right at the fork, follow signs for Lake Harmony/Brodheadsville and merge on PA-115 S. Follow for 3.2 miles. Turn Left onto Long Pond Road. Destination will be in ~.2 miles. Heading West- Take exit 384 for PA-115 S. Turn left onto PA-115 S. Follow for 3.4 miles. Turn Left onto Long Pond Rd. Destination will be in ~.2 miles.	41.053413, -75.526178
Regional Energy Lateral	Eastern Terminus	White Haven	18661	From I-80: Heading West-Take exit 284 towards Blakeslee. Merge onto PA-115 N. Follow for 8.2 Miles. Turn Right onto Ridgeway Ave. Destination will be in .2 miles. Heading East- Take exit 284 towards Blakeslee. Turn left onto PA-115 N. Follow for 8.4 miles. Turn Right onto Ridgeway Ave. Destination will be in .2 miles. From I-476: Heading South- Take exit 105 to merge onto PA-115 S. Follow PA-115 S for 8.4 miles. Turn left onto Ridgeway Ave. Destination will be in .2 Miles	41.173337, -75.671706
	Western Terminus	Dallas	18612	From PA-309: Heading South-Head South on PA-309 S toward Dallas RV and MHP. Turn Left onto Hildebrandt Rd. Follow for .4 miles then turn right onto Conyngham Ave. Follow for .4 miles. Continue onto Fairground Road. Destination will be to the left in .2 Miles. Heading North-Head North on PA-309 N toward Grandview Ave. Turn right onto Hildebrandt Rd. Follow for .4 miles then turn right onto Conyngham Ave. Follow for .4 miles. Continue onto Fairground Road. Destination will be to the left in .2 Miles.	41.346917, -75.946263
Compressor Station 515		White Haven	18661	Same as REL Eastern Terminus	41.173337, -75.671706
Compressor Station 200		Frazer	19355	From I-76: East Bound- Take exit 312 toward PA-100 S/Pottstown Pike (Toll Rd). Keep left at the fork and follow signs for PA-100 S/Downingtown and merge onto PA-100 S/Pottstown Pike. Follow for 2.5 miles. Turn left onto N. Ship Rd and follow for .6 miles. Turn left onto Valley Hill Rd and follow for 1.7 miles. Turn right onto PA-401 E. Follow for .5 miles then turn right onto Bacton Hill Rd. Destination will be in .5 Miles. Heading West-Take exit 320 toward Melvern Turn left onto PA-29 S. Turn right at the 1st cross street onto Flat Rd. Turn right onto Sidley Road and then in .4 miles, turn left onto Phoenixville Pike. In .9 miles turn right onto PA-401 W and follow for 1 mile. Turn left onto N. Bacton Hill Road. Destination will be on the right in .5 miles.	40.049969, -75.585849
Delaware River Regulator/Lower Mud Run Meter Station		Easton	18040	To Delaware River Regulator- From 22: East Bound- Take the 4th Street/PA-248 Exit toward PA-611. Turn Left onto PA-248 E/Bushkill St. Follow for .4 miles then turn left onto PA-611 N. Keep right to continue on PA-611 N/N Delaware Dr and follow for 5 miles. Turn Left onto Lower Mud Run Rd. Destination will be on the left in .4 miles. To Lower Mud Run Meter Station- Head +/- 200' northwest from the Delaware River Regulator. The site is immediately adjacent to Delaware River Regulator.	40.762166, -75.19644/ 40.762706, -75.197631
Main Line A Regulator		Washington Crossing	18977	From I-295: Take exit 10 toward New Hope. Turn left onto Taylorsville Rd. Continue straight to stay on Taylorsville Rd. In .9 miles turn right onto Mt Eyre Rd. Follow for .2 miles then turn right onto PA-32 S. The destination will be on the right in 407 feet.	40.268063, -74.857125



M:\GIS\PROJECTS\REGIONAL_ENERGY_ACCESS\PROJECT LOCATION MAPPING\REVISED_MAPPING_APRIL_2020\REA_Delaware_LowerMudRun_ProjectLocation_8x11.mxd

Williams®

TRANSCONTINENTAL GAS PIPE LINE COMPANY, LLC

REGIONAL ENERGY ACCESS EXPANSION PROJECT
EXISTING DELAWARE RIVER REGULATOR AND LOWER MUD RUN METER STATION
PROJECT LOCATION MAP

LOWER MT BETHEL TOWNSHIP	NORTHAMPTON COUNTY	PENNSYLVANIA

Date: 2/28/2022

Drawn By: FTN

Figure Number: DEL/LMR-1

SECTION 1.6.5
BUCKS COUNTY
(MAINLINE A REGULATOR)

pennsylvania
DEPARTMENT OF ENVIRONMENTAL PROTECTION

COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
BUREAU OF CLEAN WATER

COUNTY NOTIFICATION OF PLANNED LAND DEVELOPMENT FOR CHAPTER 102 PERMITS

PROJECT INFORMATION (COMPLETED BY APPLICANT)

Applicant Name:	**Transcontinental Gas Pipe Line Company, a subsidiary of Williams Partners, L.P.**	Contact Name:	**Joseph Dean** **Manager-Permitting**
Applicant Address:	**2800 Post Oak Blvd, Level 11**	Contact Phone:	**(713) 215-3427**
Applicant City, State, ZIP:	**Houston, TX 77056**	County:	**Bucks**

Description of Proposed Land Development and Stormwater Controls:

The existing Mainline A Regulator component of the Regional Energy Access Expansion Project is proposed to add pressure regulation controls to existing valve settings. E&S BMP's are proposed.

Municipality: **Lower Makefield**

Project Area: **0.94** acres ☐ Phased

Disturbance: **0.53** acres

Surface Waters Receiving Stormwater Discharges:

Dyers Creek, Delaware River

Discharge to: ☐ MS4 ☐ Other SS ☐ CSS

Tax Parcel ID(s) Affected by Proposed Land Development:

20-011-014-003 & 20-011-015

The following information was submitted to the county for this project:

☐ Land Development / Subdivision Plan ☒ E&S Plan ☐ PCSM Plan ☐ Other:

***On March 31, 2021 Transco submitted to you its E&S and PCSM Plans (Plans) as part of the ESCGP-3 permit application notification. The purpose of this notice is to let you know that Transco will be submitting an Erosion and Sediment Control Permit for Discharges of Stormwater Associated with Construction Activities Application to the PA Dept. of Environmental Protection to replace the ESCGP-3 application. Please refer to the previously submitted Plans.**

COUNTY PLAN INFORMATION (COMPLETED BY COUNTY)

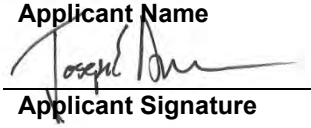
Name of county organization completing this assessment:

1.	Is there an adopted county or multi-county comprehensive plan?	☐ Yes	☐ No	
2.	If Yes to #1, is the proposed project consistent with the county plan?	☐ Yes	☐ No	
3.	Is there a DEP-approved Act 167 stormwater management plan?	☐ Yes	☐ No	☐ CCD
4.	If Yes to #3, is the proposed project consistent with the Act 167 plan, without waiver?	☐ Yes	☐ No	☐ CCD
5.	If Yes to #3, list the date of the latest plan / update approved by DEP:			☐ CCD

APPLICANT CERTIFICATION	COUNTY ACKNOWLEDGEMENT
I certify under penalty of law (see 18 Pa.C.S. § 4904 (relating to unsworn falsification)) that the information reported herein was prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the information, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.	The county acknowledges that a permit application for the above-referenced project has been submitted to a reviewing agency and that notification requirements of Act 14 of 1984 and Acts 67, 68, and 127 of 2000 have been satisfied. The information reported herein by the county is true and accurate. County acknowledgment of receipt of notification shall not be construed as project approval.

Joseph Dean

Applicant Name



Applicant Signature

Manager - Permitting

Applicant Title

07/01/2021

Date of Signature

County Representative Name

County Representative Signature

County Representative Title

Date of Signature

From: UPS
To: SFOX@WHMGROUP.COM
Subject: UPS Delivery Notification, Tracking Number 1Z8797VV0392441611
Date: Wednesday, July 7, 2021 10:06:56 AM

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WHM CONSULTING, INC

Tracking Number:	**1Z8797VV0392441611**
Ship To:	BUCKS COUNTY COMMISSIONERS 55 EAST COURT STREET DOYLESTOWN, PA 18901 US
Number of Packages:	1
UPS Service:	UPS Ground
Package Weight:	1.0 LBS
Reference Number:	WILLIAMS-20-244, TASK 2C

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March 31, 2021

UPS TRACKING (1Z8797VV0392440318)

Bucks County Commissioners
55 East Court Street
Doylestown, PA 18901

Re: Regional Energy Access Expansion Project – Mainline "A" Regulator
Pennsylvania Acts 14, 67, 68, and 127 Notification
Lower Makefield Township, Bucks County, Pennsylvania

Dear County Commissioners:

This municipal notice, under the requirements of Act 14, 97 P.S. § 510-5, is to inform you that Transcontinental Gas Pipe Line Company, LLC (Transco), a subsidiary of The Williams Companies, Inc. (Williams) is applying for coverage under the Erosion and Sediment Control General Permit (ESCGP-3) for Earth Disturbance Associated with Oil & Gas Exploration, Production, Processing or Treatment Operations or Transmission Facilities from the Pennsylvania Department of Environmental Protection (DEP).

1) Project Name: Regional Energy Access Expansion Project – Mainline "A" Regulator

2) Project Description: Transco, indirectly owned by The Williams Companies, Inc. (Williams), is seeking authorization from the Federal Energy Regulatory Commission (FERC or Commission) under Section 7(c) of the Natural Gas Act and Part 157 of the Commission's regulations, to construct, own, operate, and maintain the proposed Project facilities. The Project is an expansion of Transco's existing natural gas transmission system that will enable Transco to provide an incremental 829,400 dekatherms per day (Dth/d) of year-round firm transportation capacity from the Marcellus Shale production area in northeastern Pennsylvania (PA) to multiple delivery points along Transco's Leidy Line in PA, Transco's mainline at the Station 210 Zone 6 Pooling Point in Mercer County, New Jersey (NJ) and multiple delivery points in Transco's Zone 6 in NJ, PA, and Maryland (MD).

The existing Mainline A Regulator component of the Project is located in Lower Makefield Township, Bucks County. Proposed are facility modifications to add pressure regulation controls to existing valve settings.

3) Applicant Name: Transcontinental Gas Pipe Line Company, LLC's (Transco), a subsidiary of Williams Partners L.P. (Williams)

4) Applicant Contact: Joseph Dean
Environmental Manager
2800 Post Oak Blvd, Level 11
Houston, TX 77056
(713) 215-3417

5) Site Location: The proposed Project is located on the Pennington, New Jersey-Pennsylvania, 7.5 Minute USGS quadrangle at 40°16'5.22"N, 74°51'25.38"W.

6) Municipality / County: Lower Makefield Township, Bucks County

Act 14, which amended the Commonwealth's Administrative Code (71 P.S. § 510-5), requires every applicant for a new, amended, or revised permit to give written notice to each municipality (borough, township) and county government in which the facility is located. The municipality and county government must receive the written notice at least thirty (30) - days before DEP may issue or deny approval of coverage.

Enclosed is a complete copy of the Notice of Intent (NOI) completed for the project as well as copies of the erosion and sediment control plans.

Sincerely,

Ryan J. Nelson, PWS
WHM Consulting, LLC

Enclosures:
NOI Form
Erosion and Sediment Control Plan Drawings

From: UPS
To: SFOX@WHMGROUP.COM
Subject: UPS Delivery Notification, Tracking Number 1Z8797VV0392440318
Date: Thursday, April 1, 2021 10:21:40 AM

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Delivery Date: Thursday, 04/01/2021
Delivery Time: 10:20 AM
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Signed by: BRAMS RTS

WHM CONSULTING, INC

Tracking Number:	**1Z8797VV0392440318**
Ship To:	BUCKS COUNTY COMMISSIONERS 55 EAST COURT STREET DOYLESTOWN, PA 18901 US
Number of Packages:	1
UPS Service:	UPS Ground
Package Weight:	1.0 LBS
Reference Number:	WILLIAMS 20-268, TASK 2

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pennsylvania
DEPARTMENT OF ENVIRONMENTAL PROTECTION

COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
OFFICE OF WATER PROGRAMS
OFFICE OF OIL AND GAS MANAGEMENT

OFFICIAL USE ONLY
ID # T
Date Received
AUTH
SITE
CLNT
APS
Fee
Check No.
Check Date

NOTICE OF INTENT (NOI) FOR COVERAGE UNDER THE EROSION AND SEDIMENT CONTROL GENERAL PERMIT (ESCGP-3) FOR EARTH DISTURBANCE ASSOCIATED WITH OIL AND GAS EXPLORATION, PRODUCTION, PROCESSING, OR TREATMENT OPERATIONS OR TRANSMISSION FACILITIES

READ THE INSTRUCTIONS PROVIDED IN THIS PERMIT APPLICATION PACKAGE BEFORE COMPLETING THIS FORM. PLEASE PRINT OR TYPE INFORMATION IN BLACK OR BLUE INK.

SECTION A. APPLICATION TYPE

Check one:

NEW ☒ **RENEWAL** ☐ **MAJOR MODIFICATIONS (Provide ESCGP number)** ☐

PHASED ☐ (check only if applicable; *note: Most projects are not submitted as phased projects*)

Check one: EXPEDITED ☐ **STANDARD** ☒

If an Expedited Review Process being requested, be advised that the Expedited Review is not available for all projects. Refer to Section D - Expedited Review Process of the ESCGP-3 NOI Instructions to determine if the project is eligible.

SECTION B. CLIENT INFORMATION

Applicant's Last Name (If applicable)	First Name	MI	Telephone No.
Organization Name or Registered Fictitious Name Transcontinental Gas Pipe Line Company, LLC (Contact: Joseph Dean)			Telephone No. (713) 215-3427
DEP Client ID No.			
Headquarters Mailing Address 2800 Post Oak Blvd, Level 11	City Houston	State TX	ZIP Code 77056
Email Address Joseph.Dean@williams.com			
Co-Applicant's Last Name (If applicable)	First Name	MI	Telephone No.
Organization Name or Registered Fictitious Name			Telephone No.

Address	City	State	ZIP Code
Email Address			

SECTION C. SITE INFORMATION			
Is there an existing ESCGP associated with this site? ☐ Yes ☒ No If yes, Permit No. _____			
Has a well permit application been submitted for this site? ☐ Yes ☒ No If yes, Permit No. _____ Does this site have a 911 address? ☐ Yes ☒ No If yes, provide site location address.			
Site Name Regional Energy Access Expansion Project			
Site Location See Attachment 1-1.1- NOI Supporting Information	Site No. (if another permit has been issued for the site)		
Site Location – City See Attachment 1-1.1- NOI Supporting Information		State PA	ZIP Code
Detailed Written Directions to Site See Attachment 1-1.1- NOI Supporting Information for locations of all project sites			

Primary Location	County	Municipality	City	Boro	Twp.
	Luzerne, Northhampton, Bucks, Chester, and Monroe	Buck, Bear Creek, Plains, Jenkins, Kingston, Lower Mt. Bethel, Ross, Chestnut Hill, Tunkhannock, Lower Makefield, East Whiteland and Dallas Townships Wyoming, West Wyoming, and Laflin Boroughs	☐	☒	☒

SECTION D. EXPEDITED REVIEW	
I. Expedited Review Eligibility	
1. Is any part of the project in the watershed of a surface water with an existing or designated use of exceptional value or high quality pursuant to Chapter 93 (relating to water quality standards), in an exceptional value wetland in accordance with 25 Pa. Code § 105.17, or in the watershed of an impaired surface water where the cause of the impairment is identified as siltation?	☒ Yes ☐ No
2. Will the project in which the well pad will be constructed be in or on a floodplain?	☐ Yes ☒ No
3. Is any earth disturbance located or proposed to be located on land known to be contaminated by the release of regulated substances as defined in Section 103 of Act 2, 35 P.S. § 6026.103?	☐ Yes ☒ No
4. Will naturally occurring geologic formations or soil conditions provide hazards to the project or surrounding environment or have the potential to cause or contribute to pollution when disturbed?	☒ Yes ☐ No
5. Do any unresolved non-compliance issues exist with the applicant or the facility?	☐ Yes ☒ No
6. Is the project a transmission project?	☒ Yes ☐ No

If yes to any of the above questions the project is not eligible for Expedited Review; If the project is eligible for Expedited Review, all the following items must be completed.	
II. Expedited Review Process	
1. Is the technically and administratively complete and accurate NOI package prepared and certified by a licensed professional?	☐ Yes ☐ No
2. Are E&S and PCSM/Site Restoration Plan drawings and narrative prepared and sealed by a licensed professional? *(Include interim restoration details when needed)*	☐ Yes ☐ No
3. Include a Resource Delineation Report and answer the following questions: (If the answer to question a. is "Yes" then skip to #4. If the answer to a. is "No" the applicant must answer "Yes" to at least one of the questions, b. through d. to be eligible for expedited review.)	
a. Were all wetland resources delineated during the growing season?	☐ Yes ☐ No
b. If not during the growing season, was a follow-up visit conducted during the growing season to verify/adjust boundaries and look for potentially missed resources?	☐ Yes ☐ No
c. Was a quality assurance field review conducted at a later date by an independent qualified wetland professional to verify boundaries and look for potentially missed resources? (If yes, attach Quality Assurance Field Review Report)	☐ Yes ☐ No
d. Was a Jurisdictional Determination (JD) or Preliminary JD conducted by the US Army Corps of Engineers on the whole project? (If yes, attach Preliminary or Jurisdictional Determination Report)	☐ Yes ☐ No
4. If applicable, have you included PNDI clearance letters or other documentation from applicable resource agencies?	☐ Yes ☐ No
5. If the project site contains, is along, or within 100 feet of a river, stream, creek, lake, pond or reservoir, will you establish new or preserve existing riparian forest buffer at least 100 feet in width between the top of streambank or normal pool elevation of a lake, pond or reservoir and areas of earth disturbances. If no, will a waiver be obtained? ☐ Yes ☐ No	☐ Yes ☐ No
6. Name of Licensed Professional Company	
Address	
Phone	

SECTION E. PROJECT INFORMATION			
1. Total Project Area/Project Site (Ac):	1,346 (Also see Attachment 1-1.1)	Total Disturbed Area (Ac):	689.8 (Also see Attachment 1-1.1)
Increased disturbed acreage *(for permit modification only)*			
Fee: ***(For additional information regarding fees, refer to NOI Instructions #3 Permit NOI Filing Fees.)***			$ $500 (Filing Fee), $69,000 (Disturbed Acre Fee)
2. Project Name: Regional Energy Access Expansion Project			

3. Project Type (Check all that apply)

- ☐ Oil/Gas Well [1]
- ☐ Gathering Facility
- ☐ Treatment Facility
- ☒ Compressor Station
- ☒ Pipeline
- ☐ Storage Field Facility
- ☐ Other
- ☒ Transmission Facility
- ☐ Processing Facility
- ☐ Well Development Impoundment
- ☐ Non-FERC regulated Transmission Facility
- ☐ Ground/Surface Water Withdrawal Site

[1] If Oil/Gas Well; is the well conventional or unconventional? ☐ Conventional ☐ Unconventional

Project Description

Transco, indirectly owned by The Williams Companies, Inc. (Williams), is seeking authorization from the Federal Energy Regulatory Commission (FERC or Commission) under Section 7(c) of the Natural Gas Act and Part 157 of the Commission's regulations, to construct, own, operate, and maintain the proposed Project facilities

The Project is an expansion of Transco's existing natural gas transmission system that will enable Transco to provide an incremental 829,400 dekatherms per day (Dth/d) of year-round firm transportation capacity from the Marcellus Shale production area in northeastern Pennsylvania (PA) to multiple delivery points along Transco's Leidy Line in PA, Transco's mainline at the Station 210 Zone 6 Pooling Point in Mercer County, New Jersey (NJ) and multiple delivery points in Transco's Zone 6 in NJ, PA, and Maryland (MD). The Project will consist of the following components:
•Approximately 22.3 miles of 30-inch-diameter pipeline partially collocated with Transco's Leidy Line A from milepost (MP) 0.00 to MP 22.32 in Luzerne County, PA (Regional Energy Lateral);
• Approximately 13.8 miles of 42-inch-diameter pipeline collocated with Transco's Leidy Line System from MP 43.72 to MP 57.50 in Monroe County, PA (Effort Loop);
• New gas-fired turbine driven compressor station identified as Compressor Station 201 with 11,107 nominal horsepower (HP) at International Organization of Standardization (ISO) conditions in Gloucester County, NJ;
• Addition of two gas-fired turbine driven compressor units with 31,800 nominal HP at ISO conditions at existing Compressor Station 505 in Somerset County, NJ, to accommodate the abandonment and replacement of approximately 16,000 HP from eight existing internal combustion engine-driven compressor units and increase the certificated station compression by 15,800 HP;
• Addition of two gas-fired turbine driven compressor units with 63,742 nominal HP at ISO conditions and modification of three existing compressors at existing Compressor Station 515 in Luzerne County, PA to support the Project and to accommodate the abandonment and replacement of approximately 17,000 HP from five existing gas-fired reciprocating engine driven compressors and increase the certificated station compression by 46,742 HP;
• Uprate and rewheel two existing electric motor-driven compressor units at existing Compressor Station 195 in York County, PA to increase the certificated station compression by 5,000 HP and accommodate the abandonment of two existing gas-fired reciprocating engine driven compressors which total approximately 8,000 HP of compression;
•Modifications at existing Compressor Station 200 in Chester County, PA;
•Uprate one existing electric motor-driven compressor unit at Compressor Station 207 in Middlesex County, NJ to increase the certificated station compression by 4,100 HP;
• Modifications to three (3) existing pipeline tie-ins in PA (Hildebrandt Tie-in, Lower Demunds REL Tie-in, and Carverton Tie-in);
•Addition of regulation controls at an existing valve setting on Transco's Mainline "A" in Bucks County, PA (Mainline A Regulator);
•Modifications at the existing Delaware River Regulator in Northampton County, PA;
•Modifications at the existing Centerville Regulator in Somerset County, NJ;
•Modifications to the existing valves and piping at the Princeton Junction (Station 210 Pooling Point) in Mercer County, NJ;
• Modifications to three (3) existing delivery meter stations in NJ (Camden M&R Station, Lawnside M&R Station, and Mt. Laurel M&R Station);
•Modifications to one (1) existing delivery meter station in MD (Beaver Dam M&R Station);
•Contractual changes (no modifications) at ten (10) existing delivery meter stations in PA and NJ (Algonquin-Centerville Meter Station, Post Road Meter Station, New Village Meter Station, Spruce Run Meter Station, Marcus Hook Meter Station, Ivyland Meter Station, Repaupo Meter Station, Morgan Meter Station, Lower Mud Run Meter Station, and Chesterfield Meter Station);
• Additional ancillary facilities, such as mainline valves (MLVs), cathodic protection, communication facilities, and internal inspection device (e.g., pig) launchers and receivers in PA; and
• Existing, improved, and new access roads and contractor yards/staging areas in PA, NJ, and MD.
Provide the date of pre-application meeting (if conducted with the Department) 04/27/20, 07/09/20, 09/04/20, 09/30/20, 12/15/20, 12/16/20, 01/06/21, 02/05/21

4. Provide the latitude and longitude coordinates for the center of the project. The coordinates should be in Decimal degrees and North American Datum 1983. The coordinates must meet the current DEP policy regarding locational accuracy. For linear projects provide the project's termini. See Attachment 1-1.1

Latitude (DD) . Longitude (DD) - .

Latitude (DD) . Longitude (DD) - .

Horizontal Collection Method: ☐ GPS ☒ Interpolated from U.S.G.S. Topographic Map ☐ DEP's eMAP

5. U.S.G.S. 7.5 min. topographic quadrangle Name (See Attachment 1-1.1)
(*Include a copy of the project area on the 7.5 min quad map)*

6. Will the project be conducted as a phased permit project? ☐ Yes ☒ No
If Yes, Include Master Site Plan Estimated Timetable for Phased Projects. ☐ Additional sheet(s) attached.

Phase No. or Name	Description	Total Area	Disturbed Area	Start Date	End Date

7. List existing and previous land use for a minimum of the previous 5 years. (See Section 2 of this ESCGP-3 Application)

8. Other Pollutants: Will the stormwater discharge contain pollutional substances other than sediment? ☐ Yes ☒ No

9. Will fuels, chemicals, solvents, other hazardous waste or materials be used or stored on site during earth disturbance activities or will Horizontal Directional Drilling (HDD) activities be conducted?
Yes ☒ No ☐ ***(If yes, Preparedness, Prevention and Contingency (PPC) Plan must be maintained on site during earth disturbance. See NOI Instructions, E.9 PPC Plan Guidance for further information.)***

10. Is the project in the watershed of an impaired surface water where the cause of the impairment is identified as siltation?
Yes ☒ No ☐ (See Section 2-5 of this ESCGP-3 Application) ***(If yes, show how the project will not result in a net change in volume, rate or water quality. See section I below, and E.10 of NOI instructions.)***

11. Are there potentially hazardous naturally occurring geological or soil conditions in any portion of the project or surrounding area? Yes ☒ No ☐

If yes, do the potentially hazardous geologic or soil conditions have the potential to cause or contribute to pollution as a result of the proposed earth disturbance activities?

If no, provide an explanation.

If yes, Geologic Hazard Mitigation Plan must be attached and explain where in this application details are provided.

12. Has the Act 14 Municipal Notification and proof of receipt of notification been attached to the NOI?
Yes ☒ No ☐ ***(If not, the NOI is not complete, see E.12 and #4 Municipal Notification in the NOI Instructions for additional guidance.)***

13. Has the PNDI receipt been attached to the NOI?
Yes ☒ No ☐ ***(If not, the NOI is not complete, see E.13 and #5 PNHP in the NOI Instructions for additional guidance.)***

14. Have the E&S Plan and PCSM/SR Plan been planned and designed to be consistent?
Yes ☒ No ☐

15. Have existing and/or proposed Riparian Forest Buffers been identified?
Yes ☒ N/A ☐ ***(If yes, they must be shown on the E&S Plan as well as the PCSM/SR Plans.)***

16. Have antidegradation implementation requirements for special protection waters been addressed?
Yes ☒ No ☐ N/A ☐ ***(If yes, antidegradation requirements must be included in the plan.)***

17. Has the seasonal high groundwater level been identified and 20-inch separation established at all excavation locations for pits for conventional operations and Well Development Impoundments for unconventional operations?

    Yes ☐ No ☐ N/A ☒

18. Receiving Waters	Chapter 93, Designated Use Stream Classification	Chapter 93, Existing Use Stream Classification
Effort Loop- Lake Creek (HQ-CWF,MF) Princess Run (CWF,MF) Weir Creek (CWF,MF) McMichael Creek (EV, MF) and (HQ-CWF) Pohopoco Creek (CWF,MF) Sugar Hollow Creek (CWF,MF) Poplar Creek (EV,CWF,MF) Mud Run (HQ-CWF, MF) Mud Pond Run (HQ-CWF,EV,MF) Tunkhannock Creek (HQ-CWF,MF) Regional Energy Lateral- Stony Run (HQ-CWF,MF) Shades Creek (HQ-CWF,MF) Little Shades Creek (HQ-CWF,MF) Snider Run (HQ-CWF,MF) Meadow Run (HQ-CWF,MF) Bear Creek (HQ-CWF,MF) Little Bear Creek (HQ-CWF,MF) Mill Creek (CWF,MF) Gardner Creek (CWF,MF) Susquehanna River (WWF,MF) Abrahams Creek (CWF,MF) Toby Creek (CWF,MF) Trout Brook (CWF,MF) Compressor Station 515- Shades Creek (HQ-CWF,MF) Stony Run (HQ-CWF,MF) Compressor Station 200- Valley Creek (EV,MF) Delaware River Regulator- Mud Run (CWF, MF) Mainline "A" Regulator - Dyers Creek (WWF,MF) See Attachment 1-1.1 for detailed list.	☒ HQ ☒ EV ☒ Other CWF, MF, WWF ☒ Siltation-impaired	☐ HQ ☒ EV ☒ Other MF ☐ Siltation-impaired
	☐ HQ ☐ EV ☐ Other _____ ☐ Siltation-impaired	☐ HQ ☐ EV ☐ Other _____ ☐ Siltation-impaired

	☐ HQ ☐ EV ☐ Other _____ ☐ Siltation-impaired ☐ HQ ☐ EV ☐ Other _____ ☐ Siltation-impaired	☐ HQ ☐ EV ☐ Other _____ ☐ Siltation-impaired ☐ HQ ☐ EV ☐ Other _____ ☐ Siltation-impaired
Secondary Receiving Water	Secondary Chapter 93, Designated Use	Secondary Existing Use
Name of Municipal or Private Separate Storm Sewer Operator, if applicable.		
Non-Surface Receiving Water: (include off-site discharges)		

SECTION F. EROSION AND SEDIMENT CONTROL (E&S) PLAN

See the attached Instructions for additional guidance with E&S Plans

Erosion and Sediment Control Plan BMPs should be designed to minimize accelerated erosion and sedimentation through limiting the extent and duration of earth disturbance, protection of existing drainage and vegetation, limiting soil compaction and controlling the generation of increased runoff. The Department recommends the use of the *Pennsylvania Erosion & Sedimentation Pollution Control Program Manual (E&S Manual)* (363-2134-008) to achieve this goal. The E&S Plan must meet the requirements of Pa. Code § 102.4(b) and submitted with the NOI. Also, see section 2. of the NOI instruction for detailed information on completing the E&S plan and additional requirements.

a. E&S Plan Summary

Provide a summary of proposed E&S BMPs and their performance to manage E&S for the project.

Typical BMPs provided along the pipeline Right-Of-Way includes waterbars, trench plugs, compost filter socks, compost sediment traps, rock filter outlets, erosion control blankets, rock construction entrances, temporary equipment bridges, timber mats, diversion channels, level spreaders, mulch and seed. An appropraite sediment removal device (filter bag, dewatering structure) and well-vegetated area will be utilized for trench dewatering. In HQ, EV watersheds, appropriate Antidegradation Best Available Combination of Technologies (ABACT) BMPs will be utilized. Additional information regarding all the proposed BMPs are provided in the Erosion and Sedimentation Control and Site Restoration Plans of respective project components (Section 2 of this ESCGP-3 Application).

b. E&S Plan BMP Design

Check those that apply:

☒ E&S Plan is designed using BMPs in the *E&S Manual*.

☐ E&S Plan is designed using an alternative BMP or design standard approved by DEP.

Note: NOI packages submitted with alternate BMPs not approved by the Department will be returned to the Applicant.

c. Do you have any information regarding riparian buffer which differs from Section G, Riparian Buffer?

Yes ☐ No ☒

Explain:

d. Thermal Impacts Analysis

Explain how thermal impacts associated with this project were avoided, minimized, or mitigated.

Thermal impacts associated with Regional Energy Access Expansion Project will be avoided to the maximum extent possible. Minimum permanent changes in land cover are being proposed for constructing the pipeline facilities. Runoff from impervious areas added during the project will be suitably routed to Stormwater BMPs. Gravel will be used for access roads wherever practicable. To avoid thermal impacts arising from clearing and grading, removal of vegetation will be limited to only that necessary for construction and construction Right-Of-Way will be limited to 75 feet in wetlands and floodways where practical. Once construction activities are complete, disturbed areas will be restored to pre-construction contours and seeded as described in Erosion and Sediment Control and Site Restoration Plans. Temporary workspaces will be restored back with woody and herbaceous species. Thermal impacts assessments corresponding to each project component including pipelines and aboveground facilities are given in Section 2 and 3 of this ESCGP-3 Application.

e. Off-Site Discharge Analysis

Does the activity propose any off-site discharges to areas other than surface waters? ☒ Yes ☐ No

If yes, it is the applicant's responsibility to ensure that they have legal authority for any off-site discharge to neighboring properties.

The applicant must provide a demonstration in both E&S and PCSM/SR plans that the discharge will not cause erosion, damage, or a nuisance to off-site properties.

See Offsite Discharge Analysis Sections in E&S Narratives

SECTION G. RIPARIAN BUFFER

1. Will you be protecting, converting or establishing a voluntary riparian forest buffer as part of this project?
   ☐ Yes ☒ No
   If yes, as part of the PCSM/SR Plan, provide a Buffer Management Plan.
2. Will proposed earth disturbance activities be conducted in an EV or HQ watershed AND within 150 feet of a perennial or intermittent river, stream, or creek, or lake, pond, or reservoir? ☒ Yes ☐ No

   If no, proceed to the next section/module.
3. Does this project qualify for an exception (see § 102.14(d)(1))? ☒ Yes ☐ No

   If yes, indicate below the type of project for which the exception applies by marking the appropriate box.

   ☐ Oil and gas activities for which site reclamation or restoration is part of the permit authorization in Chapter 78 and 78a.

   ☒ Road maintenance activities.

   ☐ The repair or maintenance of existing pipelines and utilities.

   ☐ Other (see §102.14(d)(1))

   If exceptions are checked, explain how existing riparian buffer will be undisturbed to the extent practicable. Provide a demonstration that the requirements of §102.14(b) are met, or provide the necessary information to request a riparian buffer waiver.
4. Are you requesting a riparian buffer waiver for this project (see § 102.14(d)(2))? ☒ Yes ☐ No

   If yes, indicate below the type of project for which you are requesting a waiver by marking the appropriate box.

   ☒ Linear project that may include pipelines, public roadways, rail lines, or utility lines.

   ☒ Project is of a temporary nature where the site will be fully restored to its preexisting conditions during the ESCGP permit term.

   ☒ Project where compliance with mandatory riparian buffers is not appropriate or feasible due to site characteristics or existing structures at the project site.

   ☐ Other (see §102.14(d)(2)):

   If waivers are checked, explain how existing riparian buffers will be undisturbed to the extent practicable.

   Note: If “Yes” to #2 **AND** “No” to #3 and #4, provide an attachment to demonstrate how the requirements of §102.14 are met.

SECTION H. POST CONSTRUCTION STORMWATER MANAGEMENT (PCSM) AND/OR SITE RESTORATION(SR) PLAN

See NOI Instructions for additional guidance with PCSM Plans

PCSM/SR BMPs should be designed to use natural measures to eliminate pollution, infiltrate runoff, not require extensive construction/maintenance, promote pollutant reduction, and preserve the integrity of stream channels. All PCSM/SR BMPs proposed in the PCSM/SR Plan must be designed in accordance with Ch. 102, Ch. 78a for unconventional operations, Ch. 78 for conventional operations and the *Pennsylvania Stormwater Best Management Practices Manual (Stormwater BMP Manual)* (363-0300-002). If alternate design criteria are utilized for the proposed project, they must have prior approval by the Department, or the NOI Application will be returned to the Applicant.

After construction is completed, how much of the entire disturbed area will be restored to meadow in good condition or better, or existing conditions? ☐ All ☒ Partial ☐ None

Include PCSM narrative and drawings for remaining impervious area. Also include a map showing the proposed contours of the site restoration plan.

If there are additional stages of the project prior to permit termination or expiration, list the stages and provide the documents required by subsection 'a' to section 'g' for each stage (e.g. partial restoration or changes to the amount of compacted areas, gravel, and/or impervious areas). Upload a narrative for each additional stage in addition to the drawings.

EXAMPLE

Stage No	Stage Name	PCSM Plan	SR Plan
Stage 1		☐	☐
Stage 2		☐	☐
Stage 3		☐	☐
Stage 4		☐	☐

Act 167 Consistency. Check those that apply.

Is there an Act 167 Plan? ☒ Yes ☐ No

☒ The attached PCSM/SR Plan is consistent with an applicable approved Act 167 Plan.

Complete the following for all approved Act 167 Stormwater Management Plans. (Use additional sheets if necessary)

Act 167 Plan Name	Date Adopted	Consistency Letter Included	
Luzerne County Stormwater Management Ordinance	August 18, 2010	Verification Report Included	☒
Valley Creek Watershed Stormwater Management Plan	February 04, 2011		

Note: A consistency letter is not required if a verification report is provided. See NOI Instructions. The PCSM/SR Plan must satisfy either sub paragraph 1, 2, or 3 below. Check those that apply.

1. ☒ Act 167 Plan approvals on or after January 2005 – The attached PCSM/SR Plan, in its entirety, is consistent with all requirements pertaining to rate, volume, and water quality from an Act 167 Stormwater Management Plan approved by DEP on or after January 2005. Box 1 must be checked if a current, DEP approved Act 167 plan exists.

2. ☒ The PCSM/SR Plan meets the standard design criteria from sections 102.8(g)(2) and (3) and the *Stormwater BMP Manual*. For projects involving oil and gas activities authorized by a permit issued under Chapter 78 or Chapter 78a (well pads) or pipelines and other similar utility infrastructure, post construction stormwater management requirements are met for all areas that are restored to preconstruction conditions or to a condition of meadow in good condition or better. *[Note: PCSM plans must meet both the volume and rate requirements in the regulations, which are provided in the 2 sections mentioned in this paragraph].*

3. ☐ Alternative Design Standard – The attached PCSM/SR Plan was developed using approaches as provided in 102.8(g)(2)(iv) and 102.8(g)(3)(iii). Demonstrate/explain in the space provided below how this standard will be either more protective than what is required in 102.8(g)(2) and 102.8(g)(3) or will maintain and protect existing water quality and existing and designated uses.

PCSM/SR BMP Alternative Standards:

Has the alternative BMP or design standard been approved by the Department?

☐ Yes

☐ No – Do not submit the ESCGP-3 application and see Section (H) of the NOI Instructions concerning the alternative BMP approval process.

Water Quality Compliance:

Does the PCSM/SR plan comply with requirements for volume control? ☒ Yes ☐ No

If yes, is at least 90% of the disturbed area controlled by a PCSM BMP? ☒ Yes ☐ No

If yes, do you have the Standard PCSM Worksheet # 10 attached to show water quality compliance has achieved?
☒ Yes ☐ No

If no, attach Standard PCSM Worksheets # 12 and #13 to show water quality compliance has achieved.

If PCSM/SR plan is not complying with the requirements for volume control, attach Standard PCSM Worksheets # 11, # 12 and #13 to show water quality compliance has achieved.

a. PCSM/SR Plan Summary

Provide a summary of proposed BMPs and their performance to manage PCSM/SR for the project.

Along the pipeline Right-Of-Way, typical E&S BMPs such as waterbars and erosion control blanket will be left in place as part of site restoration. After construction activities are completed, temporary workspaces will be restored to meadow in good condition or better than existing conditions. For the aboveground facilities, PCSM BMPs such as infiltration basins, diversion channels and vegetated swales will be used and left in place as part of site restoration. Additional information regarding all the proposed BMPs are provided in the Post-Construction Stormwater Management Plans of respective project components (Section 3 of this ESCGP-3 Application).

Check all that apply ☒ PCSM BMPs ☒ SR BMPs

b. Do you have any information regarding riparian buffer which differs from what was submitted in the Section G, Riparian Buffer?

☐ Yes ☒ No

Explain:

c. Thermal Impacts Analysis

Explain how thermal impacts associated with this project were avoided, minimized, or mitigated.

Runoff collected in PCSM BMPS such as infiltration basins will mitigate thermal impacts from post construction stormwater. Runoff collected in infiltration basins are discharged to receiving waters are not expected to be retained for more than 24 hours. Minimum permanent changes in land cover are being proposed for constructing the pipeline facilities. Gravel will be used for access roads wherever practicable. Removal of trees and riparian vegetation and addition of impervious surfaces will be limited to only that necessary for construction. Once construction activities are complete, disturbed areas will be restored to pre-construction contours and seeded as described in Erosion and Sedimental Control and Site Restoration Plans. Temporary workspaces will be restored back with woody and herbaceous species. Thermal impacts assessments correspoding to each project component including pipelines and aboveground facilities are given in Section 2 and 3 of this ESCGP-3 Application.

d. Off-Site Discharge Analysis.

Does the activity propose any off-site discharges to areas other than surface waters? ☒ Yes ☐ No

If yes, it is the applicant's responsibility to ensure that they have legal authority for any off-site discharge to neighboring properties.

The Applicant must provide a demonstration in both the E&S and PCSM/SR Plans that the discharge will not cause erosion, damage, or a nuisance to off-site properties.

See Offsite Discharge Analysis Sections in PCSM Narratives

NOI Section H. POST CONSTRUCTION STORMWATER MANAGEMENT (PCSM) PLANS

Summary Calculations of Post Construction Stormwater BMPs

1. Regional Energy Lateral Pipeline - MLV-515RA20
2. Regional Energy Lateral Pipeline - MLV-515RA30
3. Regional Energy Lateral Pipeline - Carverton Tie-in
4. Regional Energy Lateral Pipeline - Lower Demunds REL Tie-in
5. Regional Energy Lateral Pipeline – Hildebrandt Tie-in/MLV-515RA40
6. Effort Loop Pipeline - MLV-505LD86
7. Compressor Station 200
8. Compressor Station 515

NOTICE OF INTENT (NOI) FOR COVERAGE UNDER THE EROSION AND SEDIMENT CONTROL GENERAL PERMIT (ESCGP-3) FOR EARTH DISTURBANCE ASSOCIATED WITH OIL AND GAS EXPLORATION, PRODUCTION, PROCESSING, OR TREATMENT OPERATIONS OR TRANSMISSION FACILITIES

TABLES IN ADDENDUM OF NOI

SECTION H. POST CONSTRUCTION STORMWATER MANAGEMENT (PLAN) BMPs

Regional Energy Lateral Pipeline - MLV-515RA20 - Zenker Valve Yard

e. Summary Table for Supporting Calculation and Measurement Data
(See NOI Instructions for additional guidance with this section)

The remainder of this section (Summary Table for Calculation and Measurement Data) does not need to be completed for areas of projects involving oil and gas activities authorized by Chapter 78 or Chapter 78a (well pads) or pipelines and other similar utility infrastructure which will be restored to meadow in good condition or better or existing conditions.

Watershed Name: Mill Creek

Volume Control design storm frequency 2-year Rainfall amount 2.95 inches	Pre-construction	Post Construction	Net Change
Impervious area (acres)	0.00	0.19	+0.19
Volume of stormwater runoff (acre-feet) without planned stormwater BMPs	0.04	0.06	+0.02
Volume of stormwater runoff (acre-feet) with planned stormwater BMPs		0.03	-0.01
Stormwater discharge rate for the design frequency storm	Pre-construction	Post Construction	Net Change
1) 2-Year/24-Hour	3.51	3.22	-0.29
2) 10-Year/24-Hour	6.82	6.17	-0.65
3) 50-year/24-Hour	11.88	11.12	-0.76
4) 100-year/24-Hour	14.91	14.91	-0.00

f. Summary Description of PCSM/SR BMPs

In the lists below, check the BMPs identified in the PCSM Plan. The primary function(s) of the BMP listed in the functions column (infiltration/recharge; detention/retention; water quality). Additional functions may be added if applicable to that BMP. List the stormwater volume and area of runoff to be treated by each BMP type when calculations are required. If any BMP in the PCSM/SR Plan is not listed below, describe it in the space provided after "Other". A summary table with infiltration testing information (Attachment E, included in the NOI Instructions) must be submitted for all Bio-infiltration BMPs included in PCSM/SR plan.

For Rate control provide the volume of stormwater treated and acres treated for the 100-year/24-hour storm event.

For volume control and water quality provide the volume of stormwater treated and acres treated for the 2-year/24-hour storm event.

Key for BMP purpose(s): VC = Volume Control; RC = Rate Control; and WQ = Water Quality

BMP	Function(s)	Purpose(s)	Volume of stormwater treated	Acres treated
Site Restoration ONLY				
☐ Restore Site to Meadow in Good Condition or Better, or Existing Conditions	Infiltration/Recharge Detention/WQ Treatment	☐ VC ☐ RC ☐ WQ	_____	_____
Bio-infiltration areas	Infiltration/Recharge			
☐ Infiltration Trench		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Infiltration Bed		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Infiltration Basin		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Rain Garden/ Bioretention		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Infiltration Berm				
☐ Vegetated Swale		☐ VC ☐ RC ☐ WQ	_____	_____
Natural Area Conservation	Infiltration/Recharge			
☐ Streamside Buffer Zone		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Wetland Buffer Zone		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Sensitive Area Buffer Zone		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Pre-Construction Drainage Pattern Intact		☐ VC ☐ RC ☐ WQ	_____	_____
Stormwater Retention	Detention/Retention			
☐ Constructed Wetlands		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Wet Ponds		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Retention Basin		☐ VC ☐ RC ☐ WQ	_____	_____
Sediment and Pollutant Removal	Water Quality Treatment			
☐ Vegetated Filter Strips		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Compost Filter Sock		☐ VC ☐ RC ☐ WQ	_____	_____
☒ Detention Basins		☒ VC ☒ RC ☒ WQ	1,396cf(2-yr); 6,186cf(100-yr)	0.28
Access Road Design	Infiltration/Recharge			
☐ Road Crowning		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Ditches		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Turnouts		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Culverts		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Roadside Vegetated Filter Strips		☐ VC ☐ RC ☐ WQ	_____	_____

Stormwater Energy Dissipaters	Infiltration/Recharge			
☐ Level Spreaders		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Riprap Aprons		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Upslope Diversions		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Other_____		☐ VC ☐ RC ☐ WQ	_____	_____

g. Critical PCSM Plan stages

Identify and list critical stages of implementation of the PCSM Plan for which a licensed professional or designee shall be present on site.

1. Upon commencement of construction activities to ascertain the Dry Extended Detention Basin area has been flagged and fence erected to prevent access to the area.

2. At completion of Diversion Channels to ensure they have been constructed to the proposed lines and grades, the specified lining materials have been installed in accordance with the requirements of the plans and specifications, and if applicable, vegetation has been established.

3. At the beginning of construction of the Dry Extended Detention Basin to ensure the infiltration area has not been compacted by construction activities.

4. During construction of the Dry Extended Detention Basin the licensed professional will observe that the BMP is constructed in accordance with the plans and specifications.

5. At completion of Collection Channel C1 to ensure it has been constructed to the proposed line and grade, the specified lining material has been installed in accordance with the requirements of the plans and specifications, and if applicable, vegetation has been established.

6. Following installation of the Valve Yard Pad subgrade to ensure stormwater flow is directed to Collection Channel C1.

7. For final inspection of constructed BMPs.

8. At the establishment of hard surface stabilization or 70% vegetation covers to allow removal of E&S controls.

NOTICE OF INTENT (NOI) FOR COVERAGE UNDER THE EROSION AND SEDIMENT CONTROL GENERAL PERMIT (ESCGP-3) FOR EARTH DISTURBANCE ASSOCIATED WITH OIL AND GAS EXPLORATION, PRODUCTION, PROCESSING, OR TREATMENT OPERATIONS OR TRANSMISSION FACILITIES

TABLES IN ADDENDUM OF NOI

SECTION H. POST CONSTRUCTION STORMWATER MANAGEMENT (PLAN) BMPs

Regional Energy Lateral Pipeline - MLV-515RA30 - Wyoming Valve Yard

b. Summary Table for Supporting Calculation and Measurement Data

(See NOI Instructions for additional guidance with this section)

The remainder of this section (Summary Table for Calculation and Measurement Data) does not need to be completed for areas of projects involving oil and gas activities authorized by Chapter 78 or Chapter 78a (well pads) or pipelines and other similar utility infrastructure which will be restored to meadow in good condition or better or existing conditions.

Watershed Name: Susquehanna-Solomon Creek

Volume Control design storm frequency 2-year Rainfall amount 2.57 inches	Pre-construction	Post Construction	Net Change
Impervious area (acres)	0.00	0.24	+0.24
Volume of stormwater runoff (acre-feet) without planned stormwater BMPs	0.03	0.06	+0.03
Volume of stormwater runoff (acre-feet) with planned stormwater BMPs	[redacted]	0.03	-0.00
Stormwater discharge rate for the design frequency storm	Pre-construction	Post Construction	Net Change
1) 2-Year/24-Hour	0.22	0.02	-0.20
2) 10-Year/24-Hour	0.68	0.03	-0.65
3) 50-year/24-Hour	1.52	0.06	-1.46
4) 100-year/24-Hour	2.06	0.07	-1.99

c. Summary Description of PCSM/SR BMPs

In the lists below, check the BMPs identified in the PCSM Plan. The primary function(s) of the BMP listed in the functions column (infiltration/recharge; detention/retention; water quality). Additional functions may be added if applicable to that BMP. List the stormwater volume and area of runoff to be treated by each BMP type when calculations are required. If any BMP in the PCSM/SR Plan is not listed below, describe it in the space provided after "Other". A summary table with infiltration testing information (Attachment E, included in the NOI Instructions) must be submitted for all Bio-infiltration BMPs included in PCSM/SR plan.

For Rate control provide the volume of stormwater treated and acres treated for the 100-year/24-hour storm event.

For volume control and water quality provide the volume of stormwater treated and acres treated for the 2-year/24-hour storm event.

Key for BMP purpose(s): VC = Volume Control; RC = Rate Control; and WQ = Water Quality

BMP	Function(s)	Purpose(s)	Volume of stormwater treated	Acres treated
Site Restoration ONLY				
☐ Restore Site to Meadow in Good Condition or Better, or Existing Conditions	Infiltration/Recharge Detention/WQ Treatment	☐ VC ☐ RC ☐ WQ	_____	_____
Bio-infiltration areas	Infiltration/Recharge			
☐ Infiltration Trench		☐ VC ☐ RC ☐ WQ	_____	_____
☒ Infiltration Bed		☒ VC ☒ RC ☒ WQ	451cf(2-yr); 2,511cf(100-yr)	0.21
☐ Infiltration Basin		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Rain Garden/ Bioretention		☐ VC ☐ RC ☐ WQ	_____	
☐ Infiltration Berm		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Soil Amendment		☐ VC ☐ RC ☐ WQ	_____	_____
Natural Area Conservation	Infiltration/Recharge			
☐ Streamside Buffer Zone		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Wetland Buffer Zone		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Sensitive Area Buffer Zone		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Pre-Construction Drainage Pattern Intact		☐ VC ☐ RC ☐ WQ	_____	_____
Stormwater Retention	Detention/Retention			
☐ Constructed Wetlands		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Wet Ponds		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Retention Basin		☐ VC ☐ RC ☐ WQ	_____	_____
Sediment and Pollutant Removal	Water Quality Treatment			
☐ Vegetated Filter Strips		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Compost Filter Sock		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Detention Basins		☐ VC ☐ RC ☐ WQ	_____	_____
Access Road Design	Infiltration/Recharge			
☐ Road Crowning		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Ditches		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Turnouts		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Culverts		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Roadside Vegetated Filter Strips		☐ VC ☐ RC ☐ WQ	_____	_____

Stormwater Energy Dissipaters ☐ Level Spreaders ☐ Riprap Aprons ☐ Upslope Diversions ☒ OtherVegetated Swale	Infiltration/Recharge	☐ VC ☐ RC ☐ WQ ☐ VC ☐ RC ☐ WQ ☐ VC ☐ RC ☐ WQ ☒ VC ☒ RC ☒ WQ	_____ _____ _____ 1,009cf(2-yr); 4,264cf(100-yr)	_____ _____ _____ 0.49

d. Critical PCSM Plan stages

Identify and list critical stages of implementation of the PCSM Plan for which a licensed professional or designee shall be present on site.

1. Upon commencement of construction activities to ascertain the Vegetated Swale area has been flagged and fence erected to prevent access to the area.
2. At the beginning of construction of the Vegetated Swale to ensure the infiltration area has not been compacted by construction activities.
3. During construction of the Vegetated Swale the licensed professional will observe that the BMP is constructed in accordance with the plans and specifications.
4. At completion of Collection Channel C1 to ensure it has been constructed to the proposed line and grade, the specified lining material has been installed in accordance with the requirements of the plans and specifications, and if applicable, vegetation has been established.
5. Following installation of the Valve Yard Pad subgrade to ensure stormwater flow is directed to the infiltration berm.
6. For final inspection of constructed BMPs.
7. At the establishment of hard surface stabilization or 70% vegetation covers to allow removal of E&S controls.

NOTICE OF INTENT (NOI) FOR COVERAGE UNDER THE EROSION AND SEDIMENT CONTROL GENERAL PERMIT (ESCGP-3) FOR EARTH DISTURBANCE ASSOCIATED WITH OIL AND GAS EXPLORATION, PRODUCTION, PROCESSING, OR TREATMENT OPERATIONS OR TRANSMISSION FACILITIES

TABLES IN ADDENDUM OF NOI

SECTION H. POST CONSTRUCTION STORMWATER MANAGEMENT (PLAN) BMPs

Regional Energy Lateral Pipeline - Carverton Tie-In

b. Summary Table for Supporting Calculation and Measurement Data

(See NOI Instructions for additional guidance with this section)

The remainder of this section (Summary Table for Calculation and Measurement Data) does not need to be completed for areas of projects involving oil and gas activities authorized by Chapter 78 or Chapter 78a (well pads) or pipelines and other similar utility infrastructure which will be restored to meadow in good condition or better or existing conditions.

Watershed Name: Abrahams Creek

Volume Control design storm frequency 2-year Rainfall amount 2.61 inches	Pre-construction	Post Construction	Net Change
Impervious area (acres)	0.03	0.11	+0.08
Volume of stormwater runoff (acre-feet) without planned stormwater BMPs	0.02	0.03	+0.01
Volume of stormwater runoff (acre-feet) with planned stormwater BMPs	[redacted]	0.00	-0.02
Stormwater discharge rate for the design frequency storm	Pre-construction	Post Construction	Net Change
1) 2-Year/24-Hour	0.46	0.00	-0.46
2) 10-Year/24-Hour	0.91	0.00	-0.91
3) 50-year/24-Hour	1.61	0.00	-1.61
4) 100-year/24-Hour	2.01	0.00	-2.01

c. Summary Description of PCSM/SR BMPs

In the lists below, check the BMPs identified in the PCSM Plan. The primary function(s) of the BMP listed in the functions column (infiltration/recharge; detention/retention; water quality). Additional functions may be added if applicable to that BMP. List the stormwater volume and area of runoff to be treated by each BMP type when calculations are required. If any BMP in the PCSM/SR Plan is not listed below, describe it in the space provided after "Other". A summary table with infiltration testing information (Attachment E, included in the NOI Instructions) must be submitted for all Bio-infiltration BMPs included in PCSM/SR plan.

For Rate control provide the volume of stormwater treated and acres treated for the 100-year/24-hour storm event.

For volume control and water quality provide the volume of stormwater treated and acres treated for the 2-year/24-hour storm event.

Key for BMP purpose(s): VC = Volume Control; RC = Rate Control; and WQ = Water Quality

BMP	Function(s)	Purpose(s)	Volume of stormwater treated	Acres treated
Site Restoration ONLY				
☐ Restore Site to Meadow in Good Condition or Better, or Existing Conditions	Infiltration/Recharge Detention/WQ Treatment	☐ VC ☐ RC ☐ WQ	_____	_____
Bio-infiltration areas	Infiltration/Recharge			
☐ Infiltration Trench		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Infiltration Bed		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Infiltration Basin		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Rain Garden/ Bioretention		☐ VC ☐ RC ☐ WQ	_____	
☒ Infiltration Berm		☒ VC ☒ RC ☒ WQ	1,280cf (2-yr); 4,445cf(100-yr)	0.26
Natural Area Conservation	Infiltration/Recharge			
☐ Streamside Buffer Zone		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Wetland Buffer Zone		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Sensitive Area Buffer Zone		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Pre-Construction Drainage Pattern Intact		☐ VC ☐ RC ☐ WQ	_____	_____
Stormwater Retention	Detention/Retention			
☐ Constructed Wetlands		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Wet Ponds		☒ VC ☒ RC ☒ WQ	_____	_____
☐ Retention Basin		☐ VC ☐ RC ☐ WQ	_____	_____
Sediment and Pollutant Removal	Water Quality Treatment			
☐ Vegetated Filter Strips		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Compost Filter Sock		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Detention Basins		☐ VC ☐ RC ☐ WQ	_____	_____
Access Road Design	Infiltration/Recharge			
☐ Road Crowning		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Ditches		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Turnouts		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Culverts		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Roadside Vegetated Filter Strips		☐ VC ☐ RC ☐ WQ	_____	_____

Stormwater Energy Dissipaters	Infiltration/Recharge			
☐ Level Spreaders		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Riprap Aprons		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Upslope Diversions		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Other_____		☐ VC ☐ RC ☐ WQ	_____	_____

d. Critical PCSM Plan stages

Identify and list critical stages of implementation of the PCSM Plan for which a licensed professional or designee shall be present on site.

1. At the beginning of construction to ascertain the Infiltration Berm area has been flagged and fence erected to prevent access to the area.
2. Following installation of the Valve Yard Pad subgrade to ensure stormwater flow is directed to the infiltration berm.
3. At the beginning of construction of the Infiltration Berm to ensure the infiltration area has not been compacted by construction activities.
4. During construction of the infiltration berm the licensed professional will observe that the berm is constructed in accordance with the plans and specifications.
5. For final inspection of constructed BMPs.
6. At the establishment of hard surface stabilization or 70% vegetation covers to allow removal of E&S controls.

NOTICE OF INTENT (NOI) FOR COVERAGE UNDER THE EROSION AND SEDIMENT CONTROL GENERAL PERMIT (ESCGP-3) FOR EARTH DISTURBANCE ASSOCIATED WITH OIL AND GAS EXPLORATION, PRODUCTION, PROCESSING, OR TREATMENT OPERATIONS OR TRANSMISSION FACILITIES

TABLES IN ADDENDUM OF NOI

SECTION H. POST CONSTRUCTION STORMWATER MANAGEMENT (PLAN) BMPs

Regional Energy Lateral Pipeline - Lower Demunds REL Tie-In

b. Summary Table for Supporting Calculation and Measurement Data

(See NOI Instructions for additional guidance with this section)

The remainder of this section (Summary Table for Calculation and Measurement Data) does not need to be completed for areas of projects involving oil and gas activities authorized by Chapter 78 or Chapter 78a (well pads) or pipelines and other similar utility infrastructure which will be restored to meadow in good condition or better or existing conditions.

Watershed Name: Toby Creek

Volume Control design storm frequency 2-year Rainfall amount 3.40 inches	Pre-construction	Post Construction	Net Change
Impervious area (acres)	0.00	0.12	+0.12
Volume of stormwater runoff (acre-feet) without planned stormwater BMPs	0.02	0.04	+0.02
Volume of stormwater runoff (acre-feet) with planned stormwater BMPs		0.01	-0.01
Stormwater discharge rate for the design frequency storm	Pre-construction	Post Construction	Net Change
1) 2-Year/24-Hour	0.20	0.00	-0.20
2) 10-Year/24-Hour	0.40	0.00	-0.40
3) 50-year/24-Hour	0.71	0.20	-0.51
4) 100-year/24-Hour	0.89	0.51	-0.38

c. Summary Description of PCSM/SR BMPs

In the lists below, check the BMPs identified in the PCSM Plan. The primary function(s) of the BMP listed in the functions column (infiltration/recharge; detention/retention; water quality). Additional functions may be added if applicable to that BMP. List the stormwater volume and area of runoff to be treated by each BMP type when calculations are required. If any BMP in the PCSM/SR Plan is not listed below, describe it in the space provided after "Other". A summary table with infiltration testing information (Attachment E, included in the NOI Instructions) must be submitted for all Bio-infiltration BMPs included in PCSM/SR plan.

For Rate control provide the volume of stormwater treated and acres treated for the 100-year/24-hour storm event.

For volume control and water quality provide the volume of stormwater treated and acres treated for the 2-year/24-hour storm event.

Key for BMP purpose(s): VC = Volume Control; RC = Rate Control; and WQ = Water Quality

BMP	Function(s)	Purpose(s)	Volume of stormwater treated	Acres treated
Site Restoration ONLY				
☐ Restore Site to Meadow in Good Condition or Better, or Existing Conditions	Infiltration/Recharge Detention/WQ Treatment	☐ VC ☐ RC ☐ WQ	_____	_____
Bio-infiltration areas	Infiltration/Recharge			
☐ Infiltration Trench		☐ VC ☐ RC ☐ WQ	_____	_____
☒ Infiltration Bed		☒ VC ☒ RC ☒ WQ	1,481cf(2-yr); 4,356cf(100-yr)	0.17
☐ Infiltration Basin		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Rain Garden/ Bioretention		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Infiltration Berm		☐ VC ☐ RC ☐ WQ	_____	_____
Natural Area Conservation	Infiltration/Recharge			
☐ Streamside Buffer Zone		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Wetland Buffer Zone		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Sensitive Area Buffer Zone		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Pre-Construction Drainage Pattern Intact		☐ VC ☐ RC ☐ WQ	_____	_____
Stormwater Retention	Detention/Retention			
☐ Constructed Wetlands		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Wet Ponds		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Retention Basin		☐ VC ☐ RC ☐ WQ	_____	_____
Sediment and Pollutant Removal	Water Quality Treatment			
☐ Vegetated Filter Strips		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Compost Filter Sock		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Detention Basins		☐ VC ☐ RC ☐ WQ	_____	_____
Access Road Design	Infiltration/Recharge			
☐ Road Crowning		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Ditches		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Turnouts		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Culverts		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Roadside Vegetated Filter Strips		☐ VC ☐ RC ☐ WQ	_____	_____

Stormwater Energy Dissipaters ☐ Level Spreaders ☐ Riprap Aprons ☐ Upslope Diversions ☐ Other_____	Infiltration/Recharge	 ☐ VC ☐ RC ☐ WQ ☐ VC ☐ RC ☐ WQ ☐ VC ☐ RC ☐ WQ ☐ VC ☐ RC ☐ WQ	 _____ _____ _____ _____	 _____ _____ _____ _____

d. Critical PCSM Plan stages

Identify and list critical stages of implementation of the PCSM Plan for which a licensed professional or designee shall be present on site.

1. Upon commencement of construction activities to ascertain the Valve Yard Pad area has been flagged and fence erected to prevent access to the area.
2. At completion of Diversion Berm/Channel to ensure it has been constructed to the proposed lines and grades, the specified lining materials have been installed in accordance with the requirements of the plans and specifications, and if applicable, vegetation has been established.
3. At the beginning of construction of the Valve Yard Pad to ensure the infiltration area has not been compacted by construction activities.
4. During construction of the Valve Yard Pad the licensed professional will observe that the BMP is constructed in accordance with the plans and specifications.
5. Following installation of the Valve Yard Pad subgrade to ensure stormwater flow is directed to the outlet structure.
6. For final inspection of constructed BMPs.
7. At the establishment of hard surface stabilization or 70% vegetation covers to allow removal of E&S controls.

NOTICE OF INTENT (NOI) FOR COVERAGE UNDER THE EROSION AND SEDIMENT CONTROL GENERAL PERMIT (ESCGP-3) FOR EARTH DISTURBANCE ASSOCIATED WITH OIL AND GAS EXPLORATION, PRODUCTION, PROCESSING, OR TREATMENT OPERATIONS OR TRANSMISSION FACILITIES

TABLES IN ADDENDUM OF NOI

SECTION H. POST CONSTRUCTION STORMWATER MANAGEMENT (PLAN) BMPs

Regional Energy Lateral Pipeline – MLV-515RA40-Hildebrandt Tie-In

b. Summary Table for Supporting Calculation and Measurement Data

(See NOI Instructions for additional guidance with this section)

The remainder of this section (Summary Table for Calculation and Measurement Data) does not need to be completed for areas of projects involving oil and gas activities authorized by Chapter 78 or Chapter 78a (well pads) or pipelines and other similar utility infrastructure which will be restored to meadow in good condition or better or existing conditions.

Watershed Name: Toby Creek

Volume Control design storm frequency 2-year Rainfall amount 3.40 inches	Pre-construction	Post Construction	Net Change
Impervious area (acres)	0.0	0.22	+0.22
Volume of stormwater runoff (acre-feet) without planned stormwater BMPs	0.03	0.07	+0.04
Volume of stormwater runoff (acre-feet) with planned stormwater BMPs	[redacted]	0.01	-0.02
Stormwater discharge rate for the design frequency storm	Pre-construction	Post Construction	Net Change
1) 2-Year/24-Hour	0.34	0.20	-0.14
2) 10-Year/24-Hour	0.67	0.38	-0.29
3) 50-year/24-Hour	1.20	0.65	-0.55
4) 100-year/24-Hour	1.52	0.80	-0.72

c. Summary Description of PCSM/SR BMPs

In the lists below, check the BMPs identified in the PCSM Plan. The primary function(s) of the BMP listed in the functions column (infiltration/recharge; detention/retention; water quality). Additional functions may be added if applicable to that BMP. List the stormwater volume and area of runoff to be treated by each BMP type when calculations are required. If any BMP in the PCSM/SR Plan is not listed below, describe it in the space provided after "Other". A summary table with infiltration testing information (Attachment E, included in the NOI Instructions) must be submitted for all Bio-infiltration BMPs included in PCSM/SR plan.

For Rate control provide the volume of stormwater treated and acres treated for the 100-year/24-hour storm event.

For volume control and water quality provide the volume of stormwater treated and acres treated for the 2-year/24-hour storm event.

Key for BMP purpose(s): VC = Volume Control; RC = Rate Control; and WQ = Water Quality

BMP	Function(s)	Purpose(s)	Volume of stormwater treated	Acres treated
Site Restoration ONLY				
☐ Restore Site to Meadow in Good Condition or Better, or Existing Conditions	Infiltration/Recharge Detention/WQ Treatment	☐ VC ☐ RC ☐ WQ	_____	_____
Bio-infiltration areas	Infiltration/Recharge			
☐ Infiltration Trench		☐ VC ☐ RC ☐ WQ	_____	_____
☒ Infiltration Bed		☒ VC ☒ RC ☒ WQ	2,265cf(2-yr); 5,881cf(100-yr)	0.21
☐ Infiltration Basin		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Rain Garden/ Bioretention		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Infiltration Berm				
☐ Vegetated Swale		☐ VC ☐ RC ☐ WQ	_____	_____
Natural Area Conservation	Infiltration/Recharge			
☐ Streamside Buffer Zone		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Wetland Buffer Zone		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Sensitive Area Buffer Zone		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Pre-Construction Drainage Pattern Intact		☐ VC ☐ RC ☐ WQ	_____	_____
Stormwater Retention	Detention/Retention			
☐ Constructed Wetlands		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Wet Ponds		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Retention Basin		☐ VC ☐ RC ☐ WQ	_____	_____
Sediment and Pollutant Removal	Water Quality Treatment			
☐ Vegetated Filter Strips		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Compost Filter Sock		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Detention Basins		☐ VC ☐ RC ☐ WQ	_____	_____
Access Road Design	Infiltration/Recharge			
☐ Road Crowning		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Ditches		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Turnouts		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Culverts		☐ VC ☐ RC ☐ WQ	_____	_____

☐ Roadside Vegetated Filter Strips		☐ VC ☐ RC ☐ WQ	_____	_____
Stormwater Energy Dissipaters	Infiltration/Recharge			
☐ Level Spreaders		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Riprap Aprons		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Upslope Diversions		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Other_____		☐ VC ☐ RC ☐ WQ	_____	_____

d. Critical PCSM Plan stages

Identify and list critical stages of implementation of the PCSM Plan for which a licensed professional or designee shall be present on site.

1. Upon commencement of construction activities to ascertain the Valve Yard Pad area has been flagged and fence erected to prevent access to the area.
2. At completion of Diversion Channel to ensure it has been constructed to the proposed lines and grades, the specified lining materials have been installed in accordance with the requirements of the plans and specifications, and if applicable, vegetation has been established.
3. At the beginning of construction of the Valve Yard Pad to ensure the infiltration area has not been compacted by construction activities.
4. During construction of the Valve Yard Pad the licensed professional will observe that the BMP is constructed in accordance with the plans and specifications.
5. Following installation of the Valve Yard Pad subgrade to ensure stormwater flow is directed to the outlet structure.
6. For final inspection of constructed BMPs.
7. At the establishment of hard surface stabilization or 70% vegetation covers to allow removal of E&S controls.

NOTICE OF INTENT (NOI) FOR COVERAGE UNDER THE EROSION AND SEDIMENT CONTROL GENERAL PERMIT (ESCGP-3) FOR EARTH DISTURBANCE ASSOCIATED WITH OIL AND GAS EXPLORATION, PRODUCTION, PROCESSING, OR TREATMENT OPERATIONS OR TRANSMISSION FACILITIES

TABLES IN ADDENDUM OF NOI

SECTION H. POST CONSTRUCTION STORMWATER MANAGEMENT (PLAN) BMPs

Effort Loop Pipeline-MLV-505LD86 Sugar Hollow Valve Yard

b. Summary Table for Supporting Calculation and Measurement Data

(See NOI Instructions for additional guidance with this section)

The remainder of this section (Summary Table for Calculation and Measurement Data) does not need to be completed for areas of projects involving oil and gas activities authorized by Chapter 78 or Chapter 78a (well pads) or pipelines and other similar utility infrastructure which will be restored to meadow in good condition or better or existing conditions.

Watershed Name: Pohopoco Creek

Volume Control design storm frequency 2-year Rainfall amount 3.26 inches	Pre-construction	Post Construction	Net Change
Impervious area (acres)	0.09	0.62	+0.53
Volume of stormwater runoff (acre-feet) without planned stormwater BMPs	0.35	0.44	+0.09
Volume of stormwater runoff (acre-feet) with planned stormwater BMPs	[redacted]	0.28	-0.07
Stormwater discharge rate for the design frequency storm DA-1	Pre-construction	Post Construction	Net Change
1) 2-Year/24-Hour	0.01	0.01	-0.00
2) 10-Year/24-Hour	0.37	0.31	-0.06
3) 50-year/24-Hour	5.89	4.21	-1.68
4) 100-year/24-Hour	11.47	8.28	-3.19
Stormwater discharge rate for the design frequency storm DA-2	Pre-construction	Post Construction	Net Change
1) 2-Year/24-Hour	4.51	3.97	-0.54
2) 10-Year/24-Hour	12.49	12.28	-0.21
3) 50-year/24-Hour	26.58	24.35	-2.23
4) 100-year/24-Hour	35.41	31.74	-3.67

c. Summary Description of PCSM/SR BMPs

In the lists below, check the BMPs identified in the PCSM Plan. The primary function(s) of the BMP listed in the functions column (infiltration/recharge; detention/retention; water quality). Additional functions may be added if applicable to that BMP. List the stormwater volume and area of runoff to be treated by each BMP type when calculations are required. If any BMP in the PCSM/SR Plan is not listed below, describe it in the space provided after "Other". A summary table with infiltration testing information (Attachment E, included in the NOI Instructions) must be submitted for all Bio-infiltration BMPs included in PCSM/SR plan.

For Rate control provide the volume of stormwater treated and acres treated for the 100-year/24-hour storm event.

For volume control and water quality provide the volume of stormwater treated and acres treated for the 2-year/24-hour storm event.

Key for BMP purpose(s): VC = Volume Control; RC = Rate Control; and WQ = Water Quality

BMP	Function(s)	Purpose(s)	Volume of stormwater treated	Acres treated
Site Restoration ONLY				
☐ Restore Site to Meadow in Good Condition or Better, or Existing Conditions	Infiltration/Recharge Detention/WQ Treatment	☐ VC ☐ RC ☐ WQ	_____	_____
Bio-infiltration areas	Infiltration/Recharge			
☐ Infiltration Trench		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Infiltration Bed		☐ VC ☐ RC ☐ WQ	_____	_____
☒ Infiltration Basin		☒ VC ☒ RC ☒ WQ	1,123cf(2-yr); 21,318cf(100-yr)	2.85
☐ Rain Garden/ Bioretention		☐ VC ☐ RC ☐ WQ	_____	_____
☒ Infiltration Berm		☒ VC ☒ RC ☒ WQ	5,915cf(2-yr); 26,924cf(100-yr)	1.54
Natural Area Conservation	Infiltration/Recharge			
☐ Streamside Buffer Zone		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Wetland Buffer Zone		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Sensitive Area Buffer Zone		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Pre-Construction Drainage Pattern Intact		☐ VC ☐ RC ☐ WQ	_____	_____
Stormwater Retention	Detention/Retention			
☐ Constructed Wetlands		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Wet Ponds		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Retention Basin		☐ VC ☐ RC ☐ WQ	_____	_____
Sediment and Pollutant Removal	Water Quality Treatment			
☐ Vegetated Filter Strips		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Compost Filter Sock		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Detention Basins		☐ VC ☐ RC ☐ WQ	_____	_____
Access Road Design	Infiltration/Recharge			
☐ Road Crowning		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Ditches		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Turnouts		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Culverts		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Roadside Vegetated Filter Strips		☐ VC ☐ RC ☐ WQ	_____	_____

Stormwater Energy Dissipaters	Infiltration/Recharge			
☐ Level Spreaders		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Riprap Aprons		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Upslope Diversions		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Other_____		☐ VC ☐ RC ☐ WQ	_____	_____

d. Critical PCSM Plan stages

Identify and list critical stages of implementation of the PCSM Plan for which a licensed professional or designee shall be present on site.

1. For the final grading of the access road, ensuring it is constructed according to the plan details for proper conveyance of runoff.
2. Following final grading and seeding of the diversion channels and basin, in order to confirm they have been constructed according to the plan details for proper collection and conveyance of runoff. Periodic assessments will need to be made to ensure accumulated sediment have been cleaned out so the channels and basin maintain the necessary design volumes.
3. During the layout and excavation of the outlet control structure, the professional or delegate will ensure sizing, materials specifications, and construction procedures are followed to enable proper storage in the basin.
4. Following final grading and seeding of the infiltration berm in order to confirm they have been constructed according to the plan details for proper collection, infiltration, and conveyance of runoff. Periodic assessment will need to be made to ensure that accumulated sediment have been cleaned out so the area behind the berm maintains the necessary design volume.
5. For final inspection of constructed channels, basin and berms.
6. At the establishment of hard surface stabilization or 70% vegetation covers to allow removal of E&S controls.

NOTICE OF INTENT (NOI) FOR COVERAGE UNDER THE EROSION AND SEDIMENT CONTROL GENERAL PERMIT (ESCGP-3) FOR EARTH DISTURBANCE ASSOCIATED WITH OIL AND GAS EXPLORATION, PRODUCTION, PROCESSING, OR TREATMENT OPERATIONS OR TRANSMISSION FACILITIES

TABLES IN ADDENDUM OF NOI

SECTION H. POST CONSTRUCTION STORMWATER MANAGEMENT (PLAN) BMPs

Compressor Station 200

b. Summary Table for Supporting Calculation and Measurement Data

(See NOI Instructions for additional guidance with this section)

The remainder of this section (Summary Table for Calculation and Measurement Data) does not need to be completed for areas of projects involving oil and gas activities authorized by Chapter 78 or Chapter 78a (well pads) or pipelines and other similar utility infrastructure which will be restored to meadow in good condition or better or existing conditions.

Watershed Name: Valley Creek

Volume Control design storm frequency 2-year Rainfall amount 3.30 inches	Pre-construction	Post Construction	Net Change
Impervious area (acres)	0.25	0.40	+0.15
Volume of stormwater runoff (acre-feet) without planned stormwater BMPs	0.07	0.11	+0.04
Volume of stormwater runoff (acre-feet) with planned stormwater BMPs	[redacted]	0.07	-0.00
Stormwater discharge rate for the design frequency storm	Pre-construction	Post Construction	Net Change
1) 2-Year/24-Hour	1.03	0.15	-0.88
2) 10-Year/24-Hour	2.06	1.39	-0.67
3) 50-year/24-Hour	3.19	2.79	-0.40
4) 100-year/24-Hour	3.97	3.50	-0.47

c. Summary Description of PCSM/SR BMPs

In the lists below, check the BMPs identified in the PCSM Plan. The primary function(s) of the BMP listed in the functions column (infiltration/recharge; detention/retention; water quality). Additional functions may be added if applicable to that BMP. List the stormwater volume and area of runoff to be treated by each BMP type when calculations are required. If any BMP in the PCSM/SR Plan is not listed below, describe it in the space provided after "Other". A summary table with infiltration testing information (Attachment E, included in the NOI Instructions) must be submitted for all Bio-infiltration BMPs included in PCSM/SR plan.

For Rate control provide the volume of stormwater treated and acres treated for the 100-year/24-hour storm event.

For volume control and water quality provide the volume of stormwater treated and acres treated for the 2-year/24-hour storm event.

Key for BMP purpose(s): VC = Volume Control; RC = Rate Control; and WQ = Water Quality

BMP	Function(s)	Purpose(s)	Volume of stormwater treated	Acres treated
Site Restoration ONLY				
☐ Restore Site to Meadow in Good Condition or Better, or Existing Conditions	Infiltration/Recharge Detention/WQ Treatment	☐ VC ☐ RC ☐ WQ	_____	_____
Bio-infiltration areas	Infiltration/Recharge			
☐ Infiltration Trench		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Infiltration Bed		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Infiltration Basin		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Rain Garden/ Bioretention		☐ VC ☐ RC ☐ WQ	_____	_____
☒ Infiltration Berm		☒ VC ☒ RC ☒ WQ	3,790cf(2-yr); 11,631cf(100-yr)	0.56
Natural Area Conservation	Infiltration/Recharge			
☐ Streamside Buffer Zone		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Wetland Buffer Zone		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Sensitive Area Buffer Zone		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Pre-Construction Drainage Pattern Intact		☐ VC ☐ RC ☐ WQ	_____	_____
Stormwater Retention	Detention/Retention			
☐ Constructed Wetlands		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Wet Ponds		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Retention Basin		☐ VC ☐ RC ☐ WQ	_____	_____
Sediment and Pollutant Removal	Water Quality Treatment			
☐ Vegetated Filter Strips		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Compost Filter Sock		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Detention Basins		☐ VC ☐ RC ☐ WQ	_____	_____
Access Road Design	Infiltration/Recharge			
☐ Road Crowning		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Ditches		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Turnouts		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Culverts		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Roadside Vegetated Filter Strips		☐ VC ☐ RC ☐ WQ	_____	_____

Stormwater Energy Dissipaters ☐ Level Spreaders ☐ Riprap Aprons ☐ Upslope Diversions ☐ Other_____	Infiltration/Recharge	 ☐ VC ☐ RC ☐ WQ ☐ VC ☐ RC ☐ WQ ☐ VC ☐ RC ☐ WQ ☐ VC ☐ RC ☐ WQ	 _____ _____ _____ _____	 _____ _____ _____ _____

d. Critical PCSM Plan stages

Identify and list critical stages of implementation of the PCSM Plan for which a licensed professional or designee shall be present on site.

1. Following final grading and seeding of the infiltration berm in order to confirm it has been constructed according to the plan details for proper collection, infiltration, and conveyance of runoff. Periodic assessments will need to be made to ensure that accumulated sediment should be cleaned out so the channels and berm maintain necessary design volume.
2. For final inspection of constructed BMPs.
3. At the establishment of hard surface stabilization or 70% vegetation covers to allow removal of E & S controls.

NOTICE OF INTENT (NOI) FOR COVERAGE UNDER THE EROSION AND SEDIMENT CONTROL GENERAL PERMIT (ESCGP-3) FOR EARTH DISTURBANCE ASSOCIATED WITH OIL AND GAS EXPLORATION, PRODUCTION, PROCESSING, OR TREATMENT OPERATIONS OR TRANSMISSION FACILITIES

TABLES IN ADDENDUM OF NOI

SECTION H. POST CONSTRUCTION STORMWATER MANAGEMENT (PLAN) BMPs

Compressor Station 515

b. Summary Table for Supporting Calculation and Measurement Data

(See NOI Instructions for additional guidance with this section)

The remainder of this section (Summary Table for Calculation and Measurement Data) does not need to be completed for areas of projects involving oil and gas activities authorized by Chapter 78 or Chapter 78a (well pads) or pipelines and other similar utility infrastructure which will be restored to meadow in good condition or better or existing conditions.

Watershed Name: Bear Creek

Volume Control design storm frequency 2-year Rainfall amount 3.40 inches	Pre-construction	Post Construction	Net Change
Impervious area (acres)	0.34	2.44	+2.10
Volume of stormwater runoff (acre-feet) without planned stormwater BMPs	0.50	0.81	+0.31
Volume of stormwater runoff (acre-feet) with planned stormwater BMPs	[redacted]	0.18	-0.32
Stormwater discharge rate for the design frequency storm	Pre-construction	Post Construction	Net Change
1) 2-Year/24-Hour	5.46	1.76	-3.70
2) 10-Year/24-Hour	10.19	8.30	-1.89
3) 50-year/24-Hour	16.85	9.55	-7.30
4) 100-year/24-Hour	20.81	9.58	-11.23

c. Summary Description of PCSM/SR BMPs

In the lists below, check the BMPs identified in the PCSM Plan. The primary function(s) of the BMP listed in the functions column (infiltration/recharge; detention/retention; water quality). Additional functions may be added if applicable to that BMP. List the stormwater volume and area of runoff to be treated by each BMP type when calculations are required. If any BMP in the PCSM/SR Plan is not listed below, describe it in the space provided after "Other". A summary table with infiltration testing information (Attachment E, included in the NOI Instructions) must be submitted for all Bio-infiltration BMPs included in PCSM/SR plan.

For Rate control provide the volume of stormwater treated and acres treated for the 100-year/24-hour storm event.

For volume control and water quality provide the volume of stormwater treated and acres treated for the 2-year/24-hour storm event.

Key for BMP purpose(s): VC = Volume Control; RC = Rate Control; and WQ = Water Quality

BMP	Function(s)	Purpose(s)	Volume of stormwater treated	Acres treated
Site Restoration ONLY				
☐ Restore Site to Meadow in Good Condition or Better, or Existing Conditions	Infiltration/Recharge Detention/WQ Treatment	☐ VC ☐ RC ☐ WQ	_____	_____
Bio-infiltration areas	Infiltration/Recharge			
☐ Infiltration Trench		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Infiltration Bed		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Infiltration Basin		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Rain Garden/ Bioretention		☐ VC ☐ RC ☐ WQ	_____	_____
☒ Infiltration Berm		☒ VC ☒ RC ☒ WQ	31,799cf(2-yr); 96,268cf(100-yr)	3.83
Natural Area Conservation	Infiltration/Recharge			
☐ Streamside Buffer Zone		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Wetland Buffer Zone		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Sensitive Area Buffer Zone		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Pre-Construction Drainage Pattern Intact		☐ VC ☐ RC ☐ WQ	_____	_____
Stormwater Retention	Detention/Retention			
☐ Constructed Wetlands		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Wet Ponds		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Retention Basin		☐ VC ☐ RC ☐ WQ	_____	_____
Sediment and Pollutant Removal	Water Quality Treatment			
☐ Vegetated Filter Strips		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Compost Filter Sock		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Detention Basins		☐ VC ☐ RC ☐ WQ	_____	_____
Access Road Design	Infiltration/Recharge			
☐ Road Crowning		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Ditches		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Turnouts		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Culverts		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Roadside Vegetated Filter Strips		☐ VC ☐ RC ☐ WQ	_____	_____

Stormwater Energy Dissipaters	Infiltration/Recharge			
☐ Level Spreaders		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Riprap Aprons		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Upslope Diversions		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Other_____		☐ VC ☐ RC ☐ WQ	_____	_____

d. Critical PCSM Plan stages

Identify and list critical stages of implementation of the PCSM Plan for which a licensed professional or designee shall be present on site.

1. Following final grading and seeding of the collection channels and infiltration berm in order to confirm they have been constructed according to the plan details for proper collection, infiltration, and conveyance of runoff. Periodic assessments will need to be made to ensure that accumulated sediment should be cleaned out so the channels and berm maintain necessary design volume.
2. For final inspection of constructed BMPs.
3. At the establishment of hard surface stabilization or 70% vegetation covers to allow removal of E & S controls.

SECTION I. ANTIDEGRADATION ANALYSIS

This section must be completed where earth disturbance activities will be conducted in the watershed of a surface water with an existing or designated use of exceptional value or high quality pursuant to Chapter 93 (relating to water quality standards), projects where any part is located in an exceptional value wetland in accordance with 25 Pa. Code § 105.17, and projects where any part is located in the watershed of an impaired surface water where the cause of impairment is identified as siltation.

Part 1 - NONDISCHARGE ALTERNATIVES EVALUATION

The applicant must consider and describe any and all non-discharge alternatives for the entire project area which are environmentally sound and will**:**

- Minimize accelerated erosion and sedimentation during the earth disturbance activity
- Achieve no net change from pre-development to post-development volume, rate and concentration of pollutants in water quality

E & S Plan	PCSM/SR Plan
Check off the environmentally sound nondischarge Best Management Practices (BMPs) listed below to be used prior to, during, and after earth disturbance activities that have been incorporated into your E & S Plan based on the site analysis. For non-discharge BMPs not checked, provide an explanation of why they were not utilized. Also for BMPs checked, provide an explanation of why they were utilized. (Provide the analysis and attach additional sheets if necessary) See Section 2 of this ESCGP-3 Application	Check off the environmentally sound nondischarge Best Management Practices (BMPs) listed below to be used after construction that have been incorporated into the PCSM/SR Plan based on your site analysis. For non-discharge BMPs not checked, provide an explanation of why they were not utilized. Also for BMPs checked, provide an explanation of why they were utilized. (Provide the analysis and attach additional sheets if necessary) See Section 3 of this ESCGP-3 Application
Nondischarge BMPs ☐ Alternative Siting ☐ Alternative location ☐ Alternative configuration ☐ Alternative location of discharge ☒ Limited Disturbed Area ☐ Limiting Extent & Duration of Disturbance (Phasing, Sequencing) ☐ Riparian Buffers (150 ft. min.) ☐ Riparian Forest Buffer (150 ft. min.) ☐ Other _____	**Nondischarge BMPs** ☐ Alternative Siting ☐ Alternative location ☐ Alternative configuration ☐ Alternative location of discharge ☐ Low Impact Development (LID / BSD) ☐ Riparian Buffers (150 ft. min.) ☐ Riparian Forest Buffer (150 ft. min.) ☒ Infiltration ☐ Water Reuse ☐ Other _____
Will the non-discharge alternative BMPs eliminate the net change in rate, volume and quality during construction? ☐ Yes ☒ No If yes, antidegradation analysis is complete. If no, proceed to Part 2.	Will the non-discharge alternative BMPs eliminate the net change in rate, volume and quality after construction? ☐ Yes ☒ No If yes, antidegradation analysis is complete. If no, proceed to Part 2.

PART 2 - ANTIDEGRADATION BEST AVAILABLE COMBINATION OF TECHNOLOGIES (ABACT)

If the net change in stormwater discharge from or after construction is not fully managed by nondischarge BMPs, the applicant must utilize ABACT BMPs to manage the difference. The Applicant must specify whether the discharge will occur during construction, post-construction or both, and identify the technologies that will be used to ensure that the discharge will be a non-degrading discharge. ABACT BMPs include but are not limited to:

E & S Plan	PCSM/SR Plan
☒ **Treatment BMPs:** ☐ Sediment basin with skimmer ☐ Sediment basin ratio of 4:1 or greater (flow length to basin width) ☐ Sediment basin with 4-7 day detention ☐ Flocculants ☒ Compost Filter Socks ☒ Compost Filter Sock Sediment Basin ☒ RCE w/ Wash Rack ☒ **Land disposal:** ☐ Vegetated filters ☐ Riparian buffers <150ft. ☐ Riparian Forest Buffer <150ft. ☒ Immediate stabilization ☒ **Pollution prevention:** ☒ PPC Plans ☒ Street sweeping ☒ Channels, collectors and diversions lined with permanent vegetation, rock, geotextile or other non-erosive materials ☐ **Stormwater reuse technologies:** ☐ Sediment basin water for dust control ☐ Sediment basin water for irrigation ☐ **Other** _____	☒ **Treatment BMPs:** ☒ Infiltration Practices ☐ Wet ponds ☐ Created wetland treatment systems ☒ Vegetated swales ☐ Manufactured devices ☒ Bio-retention/infiltration ☐ Green Roofs ☐ **Land disposal:** ☐ Vegetated filters ☐ Riparian Buffers <150ft. ☐ Riparian Forest Buffer <150ft. ☐ Disconnection of roof drainage ☐ Bio-retention/bio-infiltration ☒ **Pollution prevention:** ☐ Street sweeping ☐ Nutrient, pesticide, herbicide or other chemical application plan alternatives ☒ PPC Plans ☒ Non-structural Practices ☒ Restoration BMPs ☐ **Stormwater reuse technologies:** ☐ Divert rainwater into impoundment ☐ Underground storage ☐ Spray/Drip Irrigation ☐ **Other** _____
Are the ABACT BMPs selected sufficient to minimize E&S discharges to the extent that existing or designated surface water uses are protected? ☒ Yes ☐ No If yes, Antidegradation analysis is complete. If no, NOI Application will be returned to the Applicant.	Are the ABACT BMPs selected sufficient to achieve no net change and assure that existing or designated surface water uses are protected? ☒ Yes ☐ No If yes, Antidegradation analysis is complete. If no, NOI Application will be returned to the Applicant.

SECTION J. COMPLIANCE HISTORY REVIEW

Is/was the applicant(s) in violation of any Department regulation, order, schedule of compliance or permit or in violation of any department regulated activities within the past five years?

☒ Yes ☐ No

If yes, provide the permit number or facility name, a brief description of the violation, the compliance schedule (including dates and steps to achieve compliance) and the current compliance status. (Attach additional information on a separate sheet, when necessary)

Permit Program or Activity: Chapter 102, Chapter 105, PAG-10
Permit Number (if applicable):

1. **ESG03000150001, ESG00350150001, ESG00081150001**
2. **E41-649**
3. **E-19-311, E36-947, E-38-195, E40-769,E49-336, E54-360, E58-315, E66-160, E41-667, E18-495,**
4. **PAG109632**

Brief Description of non-compliance:

Consent Assessment of Civil Penalty, Reports past due.

Steps taken to achieve compliance	Date(s) compliance achieved
1. Consent Assessment of Civil Penalty 2. Consent Assessment of Civil Penalty. Permits being obtained to complete channel restoration 3. Consent Assessment of Civil Penalty 4. All past due reports were provided to PADEP	1. 9/20/2020 2. 8/9/2020 3. 9/20/2020 4. 12/14/2017

Current Compliance Status: ☒ In-Compliance ☐ In Non-Compliance

If in non-compliance, attach schedule for achieving compliance.

SECTION K. CERTIFICATION BY PERSON PREPARING E&S AND PCSM/SR PLANS

I do hereby certify to the best of my knowledge, information, and belief, that the Erosion and Sediment Control and PCSM/Site Restoration Plans are true and correct, represent actual field conditions, and are in accordance with the 25 Pa. Code Chapters 78/78a and 102 of the Department's rules and regulations. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment.

Print Name Kevin C. Clark	Signature	Professional Seal
Company BAI Group, LLC		
Address 2525 Green Tech Drive, Suite D, State College, PA-16803		
Phone (814) 238-2060		
Most Recent DEP Training Attended _____	Location _____ Date _____	
e-Mail Address kclark@baigroupllc.com		

EXPEDITED REVIEW PROCESS

In addition to the certification required above, applicants using the expedited permit review process must attach an E&S and PCSM/Site Restoration Plans developed and sealed by a licensed professional engineer, surveyor or professional geologist. The plans shall contain the following certification:

*I do hereby certify to the best of my knowledge, information, and belief, that the E & S Control and PCSM/SR BMPs are true and correct, represent actual field conditions and are in accordance with the 25 Pa. Code Chapters 78 / 78a and 102 of the Department's rules and regulations. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment***.**

SECTION L. APPLICANT CERTIFICATION

Applicant Certification

I certify under penalty of law, as provided by 18 Pa. C.S.A. § 4904, that this application and all related attachments were prepared by me or under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my own knowledge and on inquiry of the person or persons who manage the system or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate and complete. The responsible official's signature also verifies that the activity is eligible to participate in the ESCGP, and that the applicant agrees to abide by the terms and conditions of the permit. BMP's, E&S Plan, PPC Plan, PCSM Plan, and other controls are being or will be, implemented to ensure that water quality standards and effluent limits are attained.

I grant permission to the agencies responsible for the permitting of this work, or their duly authorized representative to enter the project site for inspection purposes. I will abide by the conditions of the permit if issued and will not begin work prior to permit issuance.

(For individuals no indication of title is necessary, choose the box below. All others proceed to the next paragraph)

☐ **Individual; proceed to signature portion.**

I hereby certify under penalty of law, as provided by 18 Pa. C.S.A. § 4904, that I am the person who is responsible for decision-making regarding environmental compliance functions for Transcontinental Gas Pipeline Company, LLC, the manager of one or more manufacturing, production, or operating facilities of the applicant and am authorized to make management decisions which govern the operation of regulated facility including having explicit or implicit duty of making major capital investment recommendations, and initiating and directing other comprehensive measures to assure the applicant's long term environmental compliance with environmental laws and regulations; and I am responsible for ensuring that the necessary systems are established or actions taken to gather complete and accurate information for permit application requirements.

(choose one of the following; not applicable for individuals):

☐ The responsible corporate officer ☐ president ☐ vice president ☐ secretary
☐ treasure of _____ Corporation/Company
Entity name

☒ The ☐ member or ☒ manager of Transcontinental Gas Pipe Line Company, LLC
Entity name

☐ The general partner of _____ partnership/LP/LLP
Entity name

☐ The principal executive officer or ranking elected official of _____ Municipality/State/Federal/other public agency
Entity name

☐ Power of Attorney/delegation of contractual authority (documentation supporting delegation of contracting authority must be provided) for _____
Entity name

_____	_____
Print Name and Title of Applicant	Print Name and Title of Co-Applicant (if applicable)
_____	_____
Signature of Applicant	Signature of Co-Applicant
_____	_____
Date Application Signed	Date Application Signed

Notarization

Sworn to and subscribed to before me this

_____ day of _____, 20_____

_____
Notary Public

AFFIX SEAL

Commonwealth of Pennsylvania

County of _____

My Commission expires _____

SECTION M. ADDITIONAL CONTACT INFORMATION				
Contact's Last Name	First Name	MI	Phone (814) 689-1650	
Nelson	Ryan	J	FAX	
Mailing Address	City		State	ZIP + 4
2525 Green Tech Drive, Suite B	State College		PA	16803
e-Mail Address ryann@whmgroup.com				

Section 1-1.1 NOI Supporting Information

Project Component	Site	Site Location City	ZIP Code	County	Municipality	Total Project Area/Project Site (Acre)	Total Disturbed Area (Acre)	Latitude / Longitude	U.S.G.S. 7.5 min. Topographic Quadrangle	Receiving Waters	Chapter 93, Designated Use Stream Classification	Chapter 93, Existing Use Stream Classification	Siltation Impaired
Regional Energy Lateral	Pipeline			Luzerne	Buck, Bear Creek, Plains, Jenkins, Kingston, Dallas, Wyoming, West Wyoming, Laflin	952.63	420.67 (includes CS 515 and sites below)	41.173337, -75.671706 (eastern terminus) 41.346917, -75.946263 (western terminus)	Kingston, Pittston, Avoca, Wilkes-Barre East, Pleasant View Summit	Stony Run, Shades Creek, Little Shades Creek, Snider Run, Meadow Run, Bear Creek, Little Bear Creek, Mill Creek, Gardner Creek, Susquehanna River, Abrahams Creek, Toby Creek, Trout Brook	MF, HQ-CWF, WWF, CWF	-	No
	CY-LU-001	Wyoming	18644	Luzerne	Wyoming		16.3 (Included within above total)	41.31016, -75.84636		Abrahams Creek	CWF, MF	-	No
	CY-LU-002	Wilkes-Barre	18702	Luzerne	Laflin		11.4 (Included within above total)	41.28491, -75.79026		Gardner Creek	CWF, MF	-	No
	MLV-515RA20	Wilkes-Barre	18702	Luzerne	Bear Creek Township		0.46 (Included within above total)	41.25279, -75.75856		Mill Creek	CWF, MF	-	No
	MLV-515RA30	Wyoming	18644	Luzerne	Wyoming Borough		0.44 (Included within above total)	41.30411, -75.84662		Susquehanna River	WWF		No
	Carverton Tie-in	Wyoming	18644	Luzerne	West Wyoming Borough		3.9 (Included within above total)	41.32053, -75.87270		Abrahams Creek	CWF, MF		No
	Lower Demunds REL Tie-in	Dallas	18612	Luzerne	Dallas Township		1.7 (Included within above total)	41.34652, -75.94551		Trout Brook	CWF, MF		No
	Hildebrandt Tie-in/MLV-515RA40	Dallas	18612	Luzerne	Dallas Township		3.1 (Included within above total)	41.34692, -75.94629		Toby Creek, Trout Brook	CWF, MF		No
	Laflin Borough Stream Stabilization	Wilkes-Barre	18702	Luzerne	Laflin Borough		0.94 (Included within above total)	41.28925, -75.80209		Gardner Creek	CWF, MF	-	No
Effort Loop	Pipeline			Monroe	Ross, Chestnuthill, Tunkhannock	360.63	262.18	40.896796, -75.370606 (Southeast Terminus) 41.053413, -75.526178 (Northwest Terminus)	Blakeslee, Pocono Pines, Brodheadsville, Saylorsburg	Lake Creek, Princess Run, Weir Creek, McMichael Creek, Pohopoco Creek, Sugar Hollow Creek, Poplar Creek, Mud Run, Mud Pond Run, Tunkhannock Creek	EV, MF, HQ-CWF, CWF	EV, MF	No

Project Component	Site	Site Location City	ZIP Code	County	Municipality	Total Project Area/Project Site (Acre)	Total Disturbed Area (Acre)	Latitude / Longitude	U.S.G.S. 7.5 min. Topographic Quadrangle	Receiving Waters	Chapter 93, Designated Use Stream Classification	Chapter 93, Existing Use Stream Classification	Siltation Impaired
	MLV-505LD86 Sugar Hollow Valve Yard	Effort	18330	Monroe	Chestnut Hill Township		8.8 (Included within above total)	40.96775, -75.42980		Sugar Hollow Creek	CWF, MF	-	No
	CY-MO-001	Saylorsburg	18353	Monroe	Ross Township		50.1 (Included within above total)	40.89803, -75.36784		Lake Creek, Princess Run	HQ-CWF, MF, CWF	-	No
Delaware River Regulator		Easton	18040	Northampton	Lower Mt. Bethel	11.28	3.25	40.76220 -75.19653	Bangor, PA	Mud Run	CWF, MF	-	No
Mainline "A" Regulator		Washington Crossing	18977	Bucks	Lower Makefield	0.94	0.530	40.26807, -74.85712	Pennington, NJ-PA	Dyers Creek, Delaware River	MF, WWF	-	No
Compressor Station 200		Frazer	19335	Chester	East Whiteland	20.28	3.16	40.04998, -75.58589	Malvern, PA	Valley Creek	EV, MF, CWF	-	Yes
Compressor Station 515		White Haven	18661	Luzerne	Buck	952.63 (Included with Regional Energy Lateral)	24.83 (included with Regional Energy Lateral)	41.17380, -75.67118	Pleasant View Summit, PA	Shades Creek, Stony Run	HQ-CWF, MF	-	No

pennsylvania
DEPARTMENT OF ENVIRONMENTAL PROTECTION

COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
BUREAU OF CLEAN WATER

COUNTY NOTIFICATION OF PLANNED LAND DEVELOPMENT FOR CHAPTER 102 PERMITS

PROJECT INFORMATION (COMPLETED BY APPLICANT)

Applicant Name:	**Transcontinental Gas Pipe Line Company, a subsidiary of Williams Partners, L.P.**	Contact Name:	**Joseph Dean** **Manager-Permitting**
Applicant Address:	**2800 Post Oak Blvd, Level 11**	Contact Phone:	**(713) 215-3427**
Applicant City, State, ZIP:	**Houston, TX 77056**	County:	**Bucks**

Description of Proposed Land Development and Stormwater Controls:

The existing Mainline A Regulator component of the Regional Energy Access Expansion Project is proposed to add pressure regulation controls to existing valve settings. E&S BMP's are proposed.

Municipality: **Lower Makefield**

Project Area: **0.94** acres ☐ Phased

Disturbance: **0.53** acres

Surface Waters Receiving Stormwater Discharges:

Dyers Creek, Delaware River

Discharge to: ☐ MS4 ☐ Other SS ☐ CSS

Tax Parcel ID(s) Affected by Proposed Land Development:

20-011-014-003 & 20-011-015

The following information was submitted to the county for this project:

☐ Land Development / Subdivision Plan ☒ E&S Plan ☐ PCSM Plan ☐ Other:

***On March 31, 2021 Transco submitted to you its E&S and PCSM Plans (Plans) as part of the ESCGP-3 permit application notification. Transco provided an update in July 2021 indicating the Erosion and Sediment Control Permit for Discharges of Stormwater Associated with Construction Activities Application was submitted to the PA Dept. of Environmental Protection to replace the ESCGP-3 application. Transco has updated the application in response to the PADEP Technical Deficiencies and is providing the updated materials. Updated drawings, location maps, GIF form and Parcel ID tables are included.**

COUNTY PLAN INFORMATION (COMPLETED BY COUNTY)

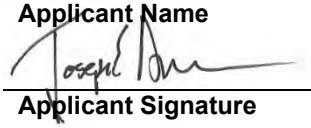
Name of county organization completing this assessment:

1.	Is there an adopted county or multi-county comprehensive plan?	☐ Yes	☐ No	
2.	If Yes to #1, is the proposed project consistent with the county plan?	☐ Yes	☐ No	
3.	Is there a DEP-approved Act 167 stormwater management plan?	☐ Yes	☐ No	☐ CCD
4.	If Yes to #3, is the proposed project consistent with the Act 167 plan, without waiver?	☐ Yes	☐ No	☐ CCD
5.	If Yes to #3, list the date of the latest plan / update approved by DEP:			☐ CCD

APPLICANT CERTIFICATION	COUNTY ACKNOWLEDGEMENT
I certify under penalty of law (see 18 Pa.C.S. § 4904 (relating to unsworn falsification)) that the information reported herein was prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the information, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.	The county acknowledges that a permit application for the above-referenced project has been submitted to a reviewing agency and that notification requirements of Act 14 of 1984 and Acts 67, 68, and 127 of 2000 have been satisfied. The information reported herein by the county is true and accurate. County acknowledgment of receipt of notification shall not be construed as project approval.

Joseph Dean

Applicant Name



Applicant Signature

Manager - Permitting

Applicant Title

04/06/2022

Date of Signature

County Representative Name

County Representative Signature

County Representative Title

Date of Signature

Sue Fox

From: UPS <pkginfo@ups.com>
Sent: Thursday, April 7, 2022 9:27 AM
To: SFOX@WHMGROUP.COM
Subject: UPS Delivery Notification, Tracking Number 1Z8797VV0394157363

Hello, your package has been delivered.

Delivery Date: Thursday, 04/07/2022
Delivery Time: 9:25 AM
Left At: RECEIVER
Signed by: CECHHINE

WHM CONSULTING, INC

Tracking Number:	1Z8797VV0394157363
Ship To:	LOWER MAKEFIELD TOWNSHIP SUPERVISOR 1100 EDGEWOOD ROAD YARDLEY, PA 19067 US
Number of Packages:	1
UPS Service:	UPS Ground
Package Weight:	1.0 LBS
Reference Number:	WILLIAMS-20-268

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Transcontinental Gas Pipe Line Company, LLC

Section 1-11 – General Information Form

Regional Energy Access Expansion Project

April 2021
(Added July 2021)
(Revised March 2022)

pennsylvania
DEPARTMENT OF ENVIRONMENTAL PROTECTION

COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION

GENERAL INFORMATION FORM – AUTHORIZATION APPLICATION

Before completing this General Information Form (GIF), read the step-by-step instructions provided in this application package. This form is used by the Department of Environmental Protection (DEP) to inform our programs regarding what other DEP permits or authorizations may be needed for the proposed project or activity. This version of the General Information Form (GIF) must be completed and returned with any program-specific application being submitted to the DEP.

Related ID#s (If Known)				DEP USE ONLY
Client ID#		**APS ID#**		Date Received & General Notes
Site ID#		**Auth ID#**		
Facility ID#				

CLIENT INFORMATION

DEP Client ID#	Client Type / Code	Dun & Bradstreet ID#
163321	LLC	

Legal Organization Name or Registered Fictitious Name	Employer ID# (EIN)	Is the EIN a SSN?
Transcontinental Gas Pipe Line Company, LLC	74-1079400	☐ Yes ☒ NO

State of Incorporation or Registration of Fictious Name

☐ Corporation ☒ LLC ☐ Partnership ☐ LLP ☐ LP
☐ Sole Proprietorship ☐ Association/Organization
☐ Estate/Trust ☐ Other

Individual Last Name	First Name	MI	Suffix

Additional Individual Last Name	First Name	MI	Suffix

Mailing Address Line 1	Mailing Address Line 2
2800 Post Oak Blvd, Level 11	

Address Last Line – City	State	ZIP+4	Country
Houston	TX	77056	United States

Client Contact Last Name	First Name	MI	Suffix
Dean	Joseph		

Client Contact Title	Phone	Ext	Cell Phone
Manager, Permitting	(713) 215-3427		

Email Address	FAX
Joseph.Dean@Williams.com	

SITE INFORMATION

DEP Site ID#	Site Name
	Regional Energy Access Expansion Project

EPA ID# **Estimated Number of Employees to be Present at Site**

Description of Site
The Project is an expansion of an existing natural gas transmission system consisting of pipelines, modification of three existing compressor stations and additional existing ancillary facilities.

Tax Parcel ID(s):

County Name(s)	Municipality(ies)	City	Boro	Twp	State
Luzerne	Buck, Bear Creek, Plains, Jenkins, Kingston, Dallas, Wyoming, West Wyoming, Laflin	☐	☒	☒	PA
Monroe	Ross, Chestnuthill, Tunkhannock	☐	☐	☒	PA
Northampton	Lower Mt. Bethel	☐	☐	☒	PA
Bucks	Lower Makefield	☐	☐	☒	PA
Chester	East Whiteland	☐	☐	☒	PA
		☐	☐	☒	PA
		☐	☒	☐	PA

Site Location Line 1	Site Location Line 2
See Section 1.1 - GIF Supporting Information	

Site Location Last Line – City	State	ZIP+4

Detailed Written Directions to Site
See Secton 1.1 - GIF Supporting Information for locations of all project sites.

Site Contact Last Name	First Name	MI	Suffix
Henry	Josh		

Site Contact Title	Site Contact Firm
Environmental Specialist	Transcontinental Gas Pipe Line Company, LLC.

Mailing Address Line 1	Mailing Address Line 2
2000 Commerce Drive, Park Place 2	

Mailing Address Last Line – City	State	ZIP+4
Pittsburgh	PA	15275

Phone	Ext	FAX	Email Address
(412) 787- 4277			Josh.Henry@Williams.com

NAICS Codes (Two- & Three-Digit Codes – List All That Apply) **6-Digit Code** (Optional)
221

Client to Site Relationship
OWNOP

FACILITY INFORMATION

Modification of Existing Facility	Yes	No
1. **Will this project modify an existing facility, system, or activity?**	☒	☐
2. **Will this project involve an addition to an existing facility, system, or activity?**	☒	☐

If "Yes", check all relevant facility types and provide DEP facility identification numbers below.

	Facility Type	DEP Fac ID#		Facility Type	DEP Fac ID#
☐	Air Emission Plant		☐	Industrial Minerals Mining Operation	
☐	Beneficial Use (water)		☐	Laboratory Location	
☐	Blasting Operation		☐	Land Recycling Cleanup Location	
☐	Captive Hazardous Waste Operation		☐	Mine Drainage Treatment / Land Recycling Project Location	
☐	Coal Ash Beneficial Use Operation		☐	Municipal Waste Operation	
☐	Coal Mining Operation		☐	Oil & Gas Encroachment Location	
☐	Coal Pillar Location		☐	Oil & Gas Location	
☐	Commercial Hazardous Waste Operation		☐	Oil & Gas Water Poll Control Facility	
☐	Dam Location		☐	Public Water Supply System	
☐	Deep Mine Safety Operation -Anthracite		☐	Radiation Facility	
☐	Deep Mine Safety Operation -Bituminous		☐	Residual Waste Operation	
☐	Deep Mine Safety Operation -Ind Minerals		☐	Storage Tank Location	
☐	Encroachment Location (water, wetland)		☐	Water Pollution Control Facility	
☐	Erosion & Sediment Control Facility		☐	Water Resource	
☐	Explosive Storage Location		☒	Other: Natural Gas Transmission	

Latitude/Longitude Point of Origin	Latitude Degrees	Latitude Minutes	Latitude Seconds	Longitude Degrees	Longitude Minutes	Longitude Seconds
See Section 1.1 - GIF Supporting Information						

Horizontal Accuracy Measure	Feet	*--or--*	Meters
Horizontal Reference Datum Code	☐ North American Datum of 1927 ☒ North American Datum of 1983 ☐ World Geodetic System of 1984		
Horizontal Collection Method Code	GISDR		
Reference Point Code	CNTAR		
Altitude	Feet	*--or--*	Meters
Altitude Datum Name	☐ The National Geodetic Vertical Datum of 1929 ☒ The North American Vertical Datum of 1988 (NAVD88)		
Altitude (Vertical) Location Datum Collection Method Code	TOPO		

Geometric Type Code	POINT				
Data Collection Date	2020				
Source Map Scale Number	1	Inch(es)	=	2,000	Feet
--or--		Centimeter(s)	=		Meters

PROJECT INFORMATION

Project Name
Regional Energy Access Expansion Project

Project Description
The Project is an expansion of Transco's existing natural gas transmission system that will enable Transco to provide an incremental 829,400 dekatherms per day (Dth/d) of year-round firm transportation capacity from the Marcellus Shale production area in northeastern Pennsylvania (PA) to multiple delivery points along Transco's Leidy Line in PA, Transco's mainline at the Station 210 Zone 6 Pooling Point in Mercer County, New Jersey (NJ) and multiple delivery points in Transco's Zone 6 in NJ, PA, and Maryland (MD). The Project will consist of the following components:

• Approximately 22.2 miles of 30-inch-diameter pipeline partially collocated with Transco's Leidy Line A from milepost (MP) 0.00 to MP 22.32 in Luzerne County, PA (Regional Energy Lateral);

• Approximately 13.8 miles of 42-inch-diameter pipeline collocated with Transco's Leidy Line System from MP 43.72 to MP 57.50 in Monroe County, PA (Effort Loop);

• New electric motor-driven compressor station identified as Compressor Station 201 with 9,000 nominal horsepower (HP) in Gloucester County, NJ;

• Addition of two gas-fired turbine driven compressor units with 31,800 nominal HP at ISO conditions at existing Compressor Station 505 in Somerset County, NJ, to accommodate the abandonment and replacement of approximately 16,000 HP from eight existing internal combustion engine-driven compressor units and increase the certificated station compression by 15,800 HP;

• Addition of two gas-fired turbine driven compressor units with 63,742 nominal HP at ISO conditions and modification of three existing compressors at existing Compressor Station 515 in Luzerne County, PA to support the Project and to accommodate the abandonment and replacement of approximately 17,000 HP from five existing gas-fired reciprocating engine driven compressors and increase the certificated station compression by 46,742 HP;

• Uprate and rewheel two existing electric motor-driven compressor units at existing Compressor Station 195 in York County, PA to increase the certificated station compression by 6,000 HP and accommodate the abandonment of two existing gas-fired reciprocating engine driven compressors, which total approximately 8,000 HP;

• Modifications at existing Compressor Station 200 in Chester County, PA;

• Uprate one existing electric motor-driven compressor unit at Compressor Station 207 in Middlesex County, NJ to increase the certificated station compression by 4,100 HP;

• Modifications to three (3) existing pipeline tie-ins in PA (Hildebrandt Tie-in, Lower Demunds REL Tie-in, and Carverton Tie-in);

• Addition of regulation controls at an existing valve setting on Transco's Mainline "A" in Bucks County, PA (Mainline A Regulator);

• Modifications at the existing Delaware River Regulator in Northampton County, PA;

• Modifications at the existing Centerville Regulator in Somerset County, NJ;

• Modifications to the existing valves and piping at the Princeton Junction (Station 210 Pooling Point) in Mercer County, NJ;

• Modifications to three (3) existing delivery meter stations in NJ (Camden M&R Station, Lawnside M&R Station, and Mt. Laurel M&R Station);

• Modifications to one (1) existing delivery meter station in MD (Beaver Dam M&R Station);

• Contractual changes (no modifications) at ten (10) existing delivery meter stations in PA and NJ (Algonquin-Centerville Meter Station, Post Road Meter Station, New Village Meter Station, Spruce Run Meter Station, Marcus Hook Meter Station, Ivyland Meter Station, Repaupo Meter Station, Morgan Meter Station, Lower Mud Run Meter Station, and Chesterfield Meter Station);

• Additional ancillary facilities, such as mainline valves (MLVs), cathodic protection, communication facilities, and internal inspection device (e.g., pig) launchers and receivers in PA; and

• Existing, improved, and new access roads and contractor yards/staging areas in PA, NJ, and MD.

In an ongoing effort to reduce its air emissions footprint, Transco is assessing the replacement of vintage gas-fired reciprocating engine driven compressors with more efficient state-of-the-art gas-fired turbine driven compressors. The proposed compression abandonment and replacement scopes at Transco's existing Compressor Station 505 and Compressor Station 515 are part of this effort and have been adopted into the Project scope. Additionally, the uprate and optimization of existing electric motor-driven compression to accommodate abandonment of gas-fired reciprocating engine driven compression at Compressor Station 195 has also been adopted into the Project scope.

The Algonquin-Centerville, Post Road, New Village, Spruce Run, Marcus Hook, Ivyland, Repaupo, Morgan, Lower Mud Run, and Chesterfield Meter Stations can accommodate the contractual changes proposed as part of this Project; therefore, no modifications are proposed at these facilities

Project Consultant Last Name	**First Name**	**MI**	**Suffix**
Nelson	Ryan		

Project Consultant Title	**Consulting Firm**
Senior Project Manager	WHM Consulting, LLC

Mailing Address Line 1	**Mailing Address Line 2**
2525 Green Tech Drive; Suite B	

Address Last Line – City	**State**	**ZIP+4**
State College	PA	16803

Phone	**Ext**	**FAX**	**Email Address**
(814) 689-1650	102		ryann@whmgroup.com

Time Schedules	**Project Milestone (Optional)**
March 2021	Submit 401 WQC
April 2021	Submit Chapter 102 / 105 Permits
2nd Quarter of 2023	Commence Construction
4th Quarter 2024	In-service Date

1. Is the project located in or within a 0.5-mile radius of an Environmental Justice community as defined by DEP? ☒ Yes ☐ No

To determine if the project is located in or within a 0.5-mile radius of an environmental justice community, please use the online Environmental Justice Areas Viewer.

2. Have you informed the surrounding community prior to submitting the application to the Department? ☒ Yes ☐ No

Method of notification:

1) Open house schedule mailed to affected parties;

2) Newspaper advertisements of open houses placed in newspapers of general circulation in the Project area;

3) Open houses (a mixture of virtual and in-person) held in the county of each major project scope item;
4) Newspaper advertisements prior to commencement of construction, which will be placed in those same publications;
5) Notification to businesses potentially affected by construction;
6) Designation of a point of contact for stakeholder communication;
7) A Project toll free telephone number for public inquiries; and
•8) A Project website with periodic updates of relevant information.

3. Have you addressed community concerns that were identified? ☒ Yes ☐ No ☐ N/A

If no, please briefly describe the community concerns that have been expressed and not addressed.

4. Is your project funded by state or federal grants? ☐ Yes ☒ No

Note: If "Yes", specify what aspect of the project is related to the grant and provide the grant source, contact person and grant expiration date.

Aspect of Project Related to Grant
Grant Source: _____
Grant Contact Person: _____
Grant Expiration Date: _____

5. Is this application for an authorization on Appendix A of the Land Use Policy? (For referenced list, see Appendix A of the Land Use Policy attached to GIF instructions) ☒ Yes ☐ No

Note: If "No" to Question 5, the application is not subject to the Land Use Policy.
If "Yes" to Question 5, the application is subject to this policy and the Applicant should answer the additional questions in the **Land Use Information** section.

LAND USE INFORMATION

Note: Applicants should submit copies of local land use approvals or other evidence of compliance with local comprehensive plans and zoning ordinances.

1.	**Is there an adopted county or multi-county comprehensive plan?**	☒	Yes	☐	No
2.	**Is there a county stormwater management plan?**	☒	Yes	☐	No
3.	**Is there an adopted municipal or multi-municipal comprehensive plan?**	☒	Yes	☐	No
4.	**Is there an adopted county-wide zoning ordinance, municipal zoning ordinance or joint municipal zoning ordinance?**	☒	Yes	☐	No
5.	**Does the proposed project meet the provisions of the zoning ordinance or does the proposed project have zoning approval?** If zoning approval has been received, attach documentation.	☒	Yes	☐	No
6.	**Have you attached Municipal and County Land Use Letters for the project?**	☐	Yes	☒	No

Note: If the Applicant answers "No" to either Questions 1, 3 or 4, the provisions of the PA MPC are not applicable and the Applicant does not need to respond to questions 5 and 6 below.
If the Applicant answers "Yes" to questions 1, 3 and 4, the Applicant should respond to questions 5 and 6 below.

* This Project is regulated by the Federal Energy Regulatory Commission (FERC) under the Natural Gas Act. FERC has exclusive jurisdiction over siting of the Project, therefore, local zoning is preempted.

COORDINATION INFORMATION

Note: The PA Historical and Museum Commission must be notified of proposed projects in accordance with DEP Technical Guidance Document 012-0700-001 utilizing the Project Review Form.

If the activity will be a mining project (i.e., mining of coal or industrial minerals, coal refuse disposal and/or the operation of a coal or industrial minerals preparation/processing facility), respond to questions 1.0 through 2.5 below.

If the activity will not be a mining project, skip questions 1.0 through 2.5 and begin with question 3.0.

1.0	**Is this a coal mining project?** If "Yes", respond to 1.1-1.6. If "No", skip to Question 2.0.	☐	Yes	☒	No
1.1	**Will this coal mining project involve coal preparation/ processing activities in which the total amount of coal prepared/processed will be equal to or greater than 200 tons/day?**	☐	Yes	☐	No
1.2	**Will this coal mining project involve coal preparation/ processing activities in which the total amount of coal prepared/processed will be greater than 50,000 tons/year?**	☐	Yes	☐	No
1.3	**Will this coal mining project involve coal preparation/ processing activities in which thermal coal dryers or pneumatic coal cleaners will be used?**	☐	Yes	☐	No
1.4	**For this coal mining project, will sewage treatment facilities be constructed and treated waste water discharged to surface waters?**	☐	Yes	☐	No
1.5	**Will this coal mining project involve the construction of a permanent impoundment meeting one or more of the following criteria: (1) a contributory drainage area exceeding 100 acres; (2) a depth of water measured by the upstream toe of the dam at maximum storage elevation exceeding 15 feet; (3) an impounding capacity at maximum storage elevation exceeding 50 acre-feet?**	☐	Yes	☐	No
1.6	**Will this coal mining project involve underground coal mining to be conducted within 500 feet of an oil or gas well?**	☐	Yes	☐	No
2.0	**Is this a non-coal (industrial minerals) mining project?** If "Yes", respond to 2.1-2.6. If "No", skip to Question 3.0.	☐	Yes	☒	No
2.1	**Will this non-coal (industrial minerals) mining project involve the crushing and screening of non-coal minerals other than sand and gravel?**	☐	Yes	☐	No
2.2	**Will this non-coal (industrial minerals) mining project involve the crushing and/or screening of sand and gravel with the exception of wet sand and gravel operations (screening only) and dry sand and gravel operations with a capacity of less than 150 tons/hour of unconsolidated materials?**	☐	Yes	☐	No
2.3	**Will this non-coal (industrial minerals) mining project involve the construction, operation and/or modification of a portable non-metallic (i.e., non-coal) minerals processing plant under the authority of the General Permit for Portable Non-metallic Mineral Processing Plants (i.e., BAQ-PGPA/GP-3)?**	☐	Yes	☐	No
2.4	**For this non-coal (industrial minerals) mining project, will sewage treatment facilities be constructed and treated waste water discharged to surface waters?**	☐	Yes	☐	No
2.5	**Will this non-coal (industrial minerals) mining project involve the construction of a permanent impoundment meeting one or more of the following criteria: (1) a contributory drainage area exceeding 100 acres; (2) a depth of water measured by the upstream toe of the dam at maximum storage elevation exceeding 15 feet; (3) an impounding capacity at maximum storage elevation exceeding 50 acre-feet?**	☐	Yes	☐	No

3.0	**Will your project, activity, or authorization have anything to do with a well related to oil or gas production, have construction within 200 feet of, affect an oil or gas well, involve the waste from such a well, or string power lines above an oil or gas well?** If "Yes", respond to 3.1-3.3. If "No", skip to Question 4.0.	☐	Yes	☒	No
3.1	**Does the oil- or gas-related project involve any of the following: placement of fill, excavation within or placement of a structure, located in, along, across or projecting into a watercourse, floodway or body of water (including wetlands)?**	☐	Yes	☐	No
3.2	**Will the oil- or gas-related project involve discharge of industrial wastewater or stormwater to a dry swale, surface water, ground water or an existing sanitary sewer system or storm water system?** If "Yes", discuss in *Project Description*.	☐	Yes	☐	No
3.3	**Will the oil- or gas-related project involve the construction and operation of industrial waste treatment facilities?**	☐	Yes	☐	No
4.0	**Will the project involve a construction activity that results in earth disturbance?** If "Yes", specify the total disturbed acreage.	☒	Yes	☐	No
	4.0.1 Total Disturbed Acreage + / - 672				
	4.0.2 Will the project discharge or drain to a special protection water (EV or HQ) or an EV wetland?	☒	Yes	☐	No
	4.0.3 Will the project involve a construction activity that results in earth disturbance in the area of the earth disturbance that are contaminated at levels exceeding residential or non-residential medium-specific concentrations (MSCs) in 25 Pa. Code Chapter 250 at residential or non-residential construction sites, respectively?	☐	Yes	☒	No
5.0	**Does the project involve any of the following: water obstruction and/or encroachment, wetland impacts, or floodplain project by the Commonwealth/political subdivision or public utility?** If "Yes", respond to 5.1-5.7. If "No", skip to Question 6.0.	☒	Yes	☐	No
5.1	**Water Obstruction and Encroachment Projects – Does the project involve any of the following: placement of fill, excavation within or placement of a structure, located in, along, across or projecting into a watercourse, floodway or body of water?**	☒	Yes	☐	No
5.2	**Wetland Impacts – Does the project involve any of the following: placement of fill, excavation within or placement of a structure, located in, along, across or projecting into a wetland?**	☒	Yes	☐	No
5.3	**Floodplain Projects by the Commonwealth, a Political Subdivision of the Commonwealth or a Public Utility – Does the project involve any of the following: placement of fill, excavation within or placement of a structure, located in, along, across or projecting into a floodplain?**	☐	Yes	☒	No
5.4	**Is your project an interstate transmission natural gas pipeline?**	☒	Yes	☐	No
5.5	**Does your project consist of linear construction activities which result in earth disturbance in two or more DEP regions AND three or more counties?**	☒	Yes	☐	No
5.6	**Does your project utilize Floodplain Restoration as a best management practice for Post Construction Stormwater Management?**	☐	Yes	☒	No
5.7	**Does your project utilize Class V Gravity / Injection Wells as a best management practice for Post Construction Stormwater Management?**	☐	Yes	☒	No
6.0	**Will the project involve discharge of construction related stormwater to a dry swale, surface water, ground water or separate storm water system?**	☒	Yes	☐	No

6.1	**Will the project involve discharge of industrial waste stormwater or wastewater from an industrial activity or sewage to a dry swale, surface water, ground water or an existing sanitary sewer system or separate storm water system?**	☒	Yes	☐	No
7.0	**Will the project involve the construction and operation of industrial waste treatment facilities?**	☐	Yes	☒	No
8.0	**Will the project involve construction of sewage treatment facilities, sanitary sewers, or sewage pumping stations?** If "Yes", indicate estimated proposed flow (gal/day). Also, discuss the sanitary sewer pipe sizes and the number of pumping stations/treatment facilities/name of downstream sewage facilities in the *Project Description*, where applicable.	☐	Yes	☒	No
	8.0.1 Estimated Proposed Flow (gal/day)				
9.0	**Will the project involve the subdivision of land, or the generation of 800 gpd or more of sewage on an existing parcel of land or the generation of an additional 400 gpd of sewage on an already-developed parcel, or the generation of 800 gpd or more of industrial wastewater that would be discharged to an existing sanitary sewer system?**	☐	Yes	☒	No
	9.0.1 Was Act 537 sewage facilities planning submitted and approved by DEP? If "Yes" attach the approval letter. Approval required prior to 105/NPDES approval.	☐	Yes	☐	No
10.0	**Is this project for the beneficial use of biosolids for land application within Pennsylvania?** If "Yes" indicate how much (i.e. gallons or dry tons per year).	☐	Yes	☒	No
	10.0.1 Gallons Per Year (residential septage)				
	10.0.2 Dry Tons Per Year (biosolids)				
11.0	**Does the project involve construction, modification or removal of a dam?** If "Yes", identify the dam.	☐	Yes	☒	No
	11.0.1 Dam Name				
12.0	**Will the project interfere with the flow from, or otherwise impact, a dam?** If "Yes", identify the dam.	☐	Yes	☒	No
	12.0.1 Dam Name				
13.0	**Will the project involve operations (excluding during the construction period) that produce air emissions (i.e., NOX, VOC, etc.)?**	☒	Yes	☐	No
	13.0.1 If "Yes", is the operation subject to the agricultural exemption in 35 P.S. § 4004.1?	☐	Yes	☒	No

13.0.2 If the answer to 13.0.1 is "No", identify each type of emission followed by the estimated amount of that emission.

Enter all types & amounts of emissions; separate each set with semicolons.

Summary of Compressor Station 515 Estimated Net Operational Potential to Emit (PTE): NOx - 196.8; CO - 314.40; VOC - 50.6; SO2 - 14.0; PM10/PM2.5 - 30.6; Single HAP (formaldehyde)- 8.7; Total HAP - 12.2; CO2e - 511,413 = Annual (tpy)

Summary of Pipeline and M&R Station Estimated Operational Potential to Emit (PTE): VOC - 1.17; Single HAP - 0.20; Total HAP - 0.20; CO2e - 5460.47 = Annual (tpy)

Modifications to Compressor Station 195 and Compressor Station 200 only include uprating existing electric motor-driven compression capacity or piping and valve modifications; therefore, Transco anticipates these facilities will have insignificant operational emissions.

14.0	**Does the project include the construction or modification of a drinking water supply to serve 15 or more connections or 25 or more people, at least 60 days out of the year?** If "Yes", check all proposed sub-facilities.	☐	Yes	☒	No
	14.0.1 Number of Persons Served _____				
	14.0.2 Number of Employee/Guests _____				
	14.0.3 Number of Connections _____				
	14.0.4 Sub-Fac: Distribution System	☐	Yes	☐	No
	14.0.5 Sub-Fac: Water Treatment Plant	☐	Yes	☐	No
	14.0.6 Sub-Fac: Source	☐	Yes	☐	No
	14.0.7 Sub-Fac: Pump Station	☐	Yes	☐	No
	14.0.8 Sub Fac: Transmission Main	☐	Yes	☐	No
	14.0.9 Sub-Fac: Storage Facility	☐	Yes	☐	No
15.0	**Will your project include infiltration of storm water or waste water to ground water within one-half mile of a public water supply well, spring or infiltration gallery?**	☒	Yes	☐	No
16.0	**Is your project to be served by an existing public water supply?** If "Yes", indicate name of supplier and attach letter from supplier stating that it will serve the project.	☐	Yes	☒	No
	16.0.1 Supplier's Name _____				
	16.0.2 Letter of Approval from Supplier is Attached	☐	Yes	☐	No
17.0	**Will this project be served by on-lot drinking water wells?**	☐	Yes	☒	No
18.0	**Will this project involve a new or increased drinking water withdrawal from a river, stream, spring, lake, well or other water bod(ies)?** If "Yes", reference Safe Drinking Water Program.	☐	Yes	☒	No
	18.0.1 Source Name				
19.0	**Will the construction or operation of this project involve treatment, storage, reuse, or disposal of waste?** If "Yes", indicate what type (i.e., hazardous, municipal (including infectious & chemotherapeutic), residual) and the amount to be treated, stored, re-used or disposed.	☐	Yes	☒	No
	19.0.1 Type & Amount				
20.0	**Will your project involve the removal of coal, minerals, contaminated media, or solid waste as part of any earth disturbance activities?**	☐	Yes	☒	No
21.0	**Does your project involve installation of a field constructed underground storage tank?** If "Yes", list each Substance & its Capacity. **Note:** Applicant may need a Storage Tank Site Specific Installation Permit.	☐	Yes	☒	No
	21.0.1 Enter all substances & capacity of each; separate each set with semicolons.				
22.0	**Does your project involve installation of an aboveground storage tank greater than 21,000 gallons capacity at an existing facility?** If "Yes", list each Substance & its Capacity. **Note:** Applicant may need a Storage Tank Site Specific Installation Permit.	☐	Yes	☒	No
	22.0.1 Enter all substances & capacity of each; separate each set with semicolons.				
23.0	**Does your project involve installation of a tank greater than 1,100 gallons which will contain a highly hazardous substance as defined in DEP's Regulated Substances List, 2570-BK-DEP2724?** If "Yes", list each Substance & its Capacity. **Note:** Applicant may need a Storage Tank Site Specific Installation Permit.	☐	Yes	☒	No
	23.0.1 Enter all substances & capacity of each; separate each set with semicolons.				

24.0	**Does your project involve installation of a storage tank at a new facility with a total AST capacity greater than 21,000 gallons?** If "Yes", list each Substance & its Capacity. **Note:** Applicant may need a Storage Tank Site Specific Installation Permit. **24.0.1 Enter all substances & capacity of each; separate each set with semicolons.**	☐	Yes	☒	No

NOTE: If the project includes the installation of a regulated storage tank system, including diesel emergency generator systems, the project may require the use of a Department Certified Tank Handler. For a full list of regulated storage tanks and substances, please go to www.dep.pa.gov search term storage tanks

25.0	**Will the intended activity involve the use of a radiation source?**	☐	Yes	☒	No

CERTIFICATION

I certify that I have the authority to submit this application on behalf of the applicant named herein and that the information provided in this application is true and correct to the best of my knowledge and information.

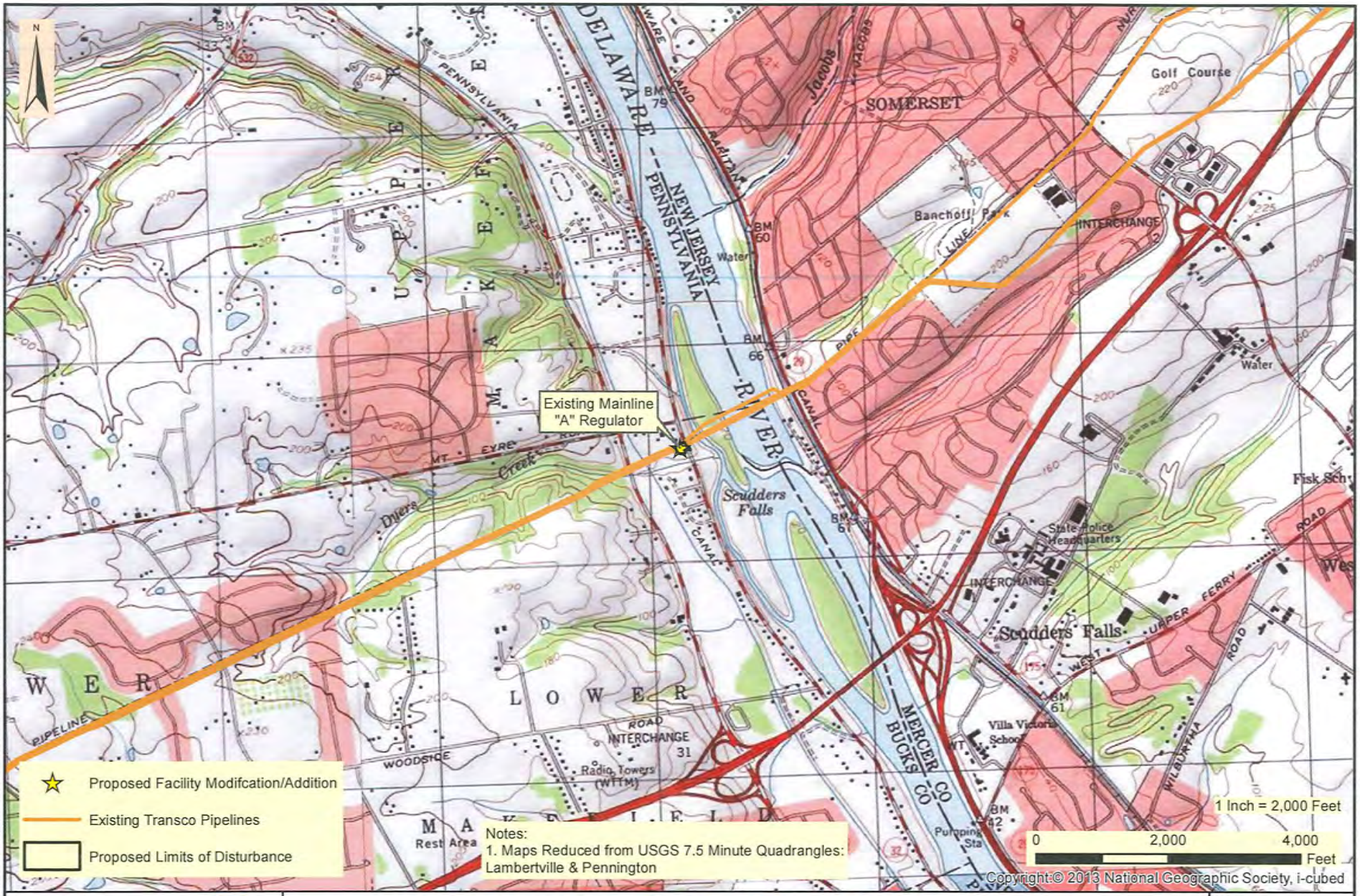
For applicants supplying an EIN number: I am applying for a permit or authorization from the Pennsylvania Department of Environmental Protection (DEP). As part of this application, I will provide DEP with an accurate EIN number for the applicant entity. By filing this application with DEP, I hereby authorize DEP to confirm the accuracy of the EIN number provided with the Pennsylvania Department of Revenue. As applicant, I further consent to the Department of Revenue discussing the same with DEP prior to issuance of the Commonwealth permit or authorization.

Type or Print Name Joseph Dean

Signature	Title	Date
	Manager, Permitting	02/24/2022

GIF Supporting Information

Project Component	Site	Site Location City	ZIP Code	Detailed Written Directions to Site	Latitude / Longitude
Effort Loop	Eastern Terminus	Saylorsburg	18353	From 209: heading East – Turn Right onto Frable Rd/T432. Follow for 1.7 miles. Turn Right onto Meixsell Valley Road/T361. Follow for .2 miles then turn left. Destination is in ~340 feet. Heading West-Turn Left onto Rte 115. Follow for 1.1 miles, then turn right onto Meixsell Valley Rd/T361. Continue for 1.4 miles then turn left. Destination is in ~340 feet.	40.896796, -75.370606
	Western Terminus	Long Pond	18334	From I-80: Heading East- Take exit 284 for PA-115 towards Blakeslee. Keep right at the fork, follow signs for Lake Harmony/Brodheadsville and merge on PA-115 S. Follow for 3.2 miles. Turn Left onto Long Pond Road. Destination will be in ~.2 miles. Heading West- Take exit 384 for PA-115 S. Turn left onto PA-115 S. Follow for 3.4 miles. Turn Left onto Long Pond Rd. Destination will be in ~.2 miles.	41.053413, -75.526178
Regional Energy Lateral	Eastern Terminus	White Haven	18661	From I-80: Heading West-Take exit 284 towards Blakeslee. Merge onto PA-115 N. Follow for 8.2 Miles. Turn Right onto Ridgeway Ave. Destination will be in .2 miles. Heading East- Take exit 284 towards Blakeslee. Turn left onto PA-115 N. Follow for 8.4 miles. Turn Right onto Ridgeway Ave. Destination will be in .2 miles. From I-476: Heading South- Take exit 105 to merge onto PA-115 S. Follow PA-115 S for 8.4 miles. Turn left onto Ridgeway Ave. Destination will be in .2 Miles	41.173337, -75.671706
	Western Terminus	Dallas	18612	From PA-309: Heading South-Head South on PA-309 S toward Dallas RV and MHP. Turn Left onto Hildebrandt Rd. Follow for .4 miles then turn right onto Conyngham Ave. Follow for .4 miles. Continue onto Fairground Road. Destination will be to the left in .2 Miles. Heading North-Head North on PA-309 N toward Grandview Ave. Turn right onto Hildebrandt Rd. Follow for .4 miles then turn right onto Conyngham Ave. Follow for .4 miles. Continue onto Fairground Road. Destination will be to the left in .2 Miles.	41.346917, -75.946263
Compressor Station 515		White Haven	18661	Same as REL Eastern Terminus	41.173337, -75.671706
Compressor Station 200		Frazer	19355	From I-76: East Bound- Take exit 312 toward PA-100 S/Pottstown Pike (Toll Rd). Keep left at the fork and follow signs for PA-100 S/Downingtown and merge onto PA-100 S/Pottstown Pike. Follow for 2.5 miles. Turn left onto N. Ship Rd and follow for .6 miles. Turn left onto Valley Hill Rd and follow for 1.7 miles. Turn right onto PA-401 E. Follow for .5 miles then turn right onto Bacton Hill Rd. Destination will be in .5 Miles. Heading West-Take exit 320 toward Melvern Turn left onto PA-29 S. Turn right at the 1st cross street onto Flat Rd. Turn right onto Sidley Road and then in .4 miles, turn left onto Phoenixville Pike. In .9 miles turn right onto PA-401 W and follow for 1 mile. Turn left onto N. Bacton Hill Road. Destination will be on the right in .5 miles.	40.049969, -75.585849
Delaware River Regulator/Lower Mud Run Meter Station		Easton	18040	To Delaware River Regulator- From 22: East Bound- Take the 4th Street/PA-248 Exit toward PA-611. Turn Left onto PA-248 E/Bushkill St. Follow for .4 miles then turn left onto PA-611 N. Keep right to continue on PA-611 N/N Delaware Dr and follow for 5 miles. Turn Left onto Lower Mud Run Rd. Destination will be on the left in .4 miles. To Lower Mud Run Meter Station- Head +/- 200' northwest from the Delaware River Regulator. The site is immediately adjacent to Delaware River Regulator.	40.762166, -75.19644/ 40.762706, -75.197631
Main Line A Regulator		Washington Crossing	18977	From I-295: Take exit 10 toward New Hope. Turn left onto Taylorsville Rd. Continue straight to stay on Taylorsville Rd. In .9 miles turn right onto Mt Eyre Rd. Follow for .2 miles then turn right onto PA-32 S. The destination will be on the right in 407 feet.	40.268063, -74.857125



M:\GIS\PROJECTS\REGIONAL_ENERGY_ACCESS\PROJECT LOCATION MAPPING\REVISED_MAPPING_APRIL_2020\REA_MainlineA_MeterStation_ProjectLocation_8x11.mxd

Williams®

TRANSCONTINENTAL GAS PIPE LINE COMPANY, LLC

REGIONAL ENERGY ACCESS EXPANSION PROJECT

EXISTING MAINLINE "A" REGULATOR

PROJECT LOCATION MAP

LOWER MAKEFIELD TOWNSHIP | BUCKS COUNTY | PENNSYLVANIA

Date: 2/10/2022

Drawn By: FTN

Figure Number: MLA-1

COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
BUREAU OF CLEAN WATER

MUNICIPAL NOTIFICATION OF PLANNED LAND DEVELOPMENT FOR CHAPTER 102 PERMITS

PROJECT INFORMATION (COMPLETED BY APPLICANT)

Applicant Name:	**Transcontinental Gas Pipe Line Company, a subsidiary of Williams Partners, L.P.**	Contact Name:	**Joseph Dean** **Manager-Permitting**
Applicant Address:	**2800 Post Oak Blvd, Level 11**	Contact Phone:	**(713) 215-3427**
Applicant City, State, ZIP:	**Houston, TX 77056**	County:	**Bucks**
		Municipality:	**Lower Makefield**

Description of Proposed Land Development and Stormwater Controls:

The existing Mainline A Regulator component of the Regional Energy Access Expansion Project is proposed to add pressure regulation controls to existing valve settings. E&S BMP's are proposed.

Project Area: **0.94** acres ☐ Phased

Disturbance: **0.53** acres

Tax Parcel ID(s) Affected by Proposed Land Development:

20-011-014-003 & 20-011-015

Surface Waters Receiving Stormwater Discharges:

Dyers Creek, Delaware River

Discharge to: ☐ MS4 ☐ Other SS ☐ CSS

The following information was submitted to the municipality for this project:

☐ Land Development / Subdivision Plan ☒ E&S Plan ☐ PCSM Plan ☐ Other:

***On March 31, 2021 Transco submitted to you its E&S and PCSM Plans (Plans) as part of the ESCGP-3 permit application notification. The purpose of this notice is to let you know that Transco will be submitting an Erosion and Sediment Control Permit for Discharges of Stormwater Associated with Construction Activities Application to the PA Dept. of Environmental Protection to replace the ESCGP-3 application. Please refer to the previously submitted Plans.**

MUNICIPAL PLAN / ORDINANCE INFORMATION (COMPLETED BY MUNICIPALITY)		
1. Is there an adopted municipal or multi-municipal comprehensive plan?	☐ Yes	☐ No
2. Is there an enacted municipal or multi-municipal zoning ordinance?	☐ Yes	☐ No
3. If Yes to #2, is the proposed project consistent with the ordinance?	☐ Yes	☐ No
4. Is there a municipal stormwater management ordinance?	☐ Yes	☐ No
5. If Yes to #4, is the proposed project consistent with the ordinance, without waiver?	☐ Yes	☐ No

6. If Yes to #4, indicate type of ordinance: ☐ Act 167 Model Ordinance ☐ DEP Model Ordinance (MS4s) ☐ Other

APPLICANT CERTIFICATION	MUNICIPAL ACKNOWLEDGEMENT
I certify under penalty of law (see 18 Pa.C.S. § 4904 (relating to unsworn falsification)) that the information reported herein was prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the information, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.	The municipality acknowledges that a permit application for the above-referenced project has been submitted to a reviewing agency and that notification requirements of Act 14 of 1984 and Acts 67, 68, and 127 of 2000 have been satisfied. The information reported herein by the municipality is true and accurate. The municipality reserves the right to comment to the reviewing agency relative to comprehensive plans, zoning, and stormwater ordinance consistency. Municipal acknowledgment of receipt of notification shall not be construed as project approval.

Joseph Dean

Applicant Name

Municipal Representative Name

Applicant Signature

Municipal Representative Signature

Manager - Permitting

Applicant Title

Municipal Representative Title

07/01/2021

Date of Signature

Date of Signature

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To: SFOX@WHMGROUP.COM
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WHM CONSULTING, INC

Tracking Number:	**1Z8797VV0390209224**
Ship To:	LOWER MAKEFIELD TOWNSHIP SUPERVISOR 1100 EDGEWOOD ROAD YARDLEY, PA 19067 US
Number of Packages:	1
UPS Service:	UPS Ground
Package Weight:	1.0 LBS
Reference Number:	WILLIAMS-20-244, TASK 2C

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March 31, 2021

UPS TRACKING (1Z8797VV0393153921)

Lower Makefield Township Supervisors
1100 Edgewood Rd
Yardley, PA 19067

Re: Regional Energy Access Expansion Project – Mainline "A" Regulator
Pennsylvania Acts 14, 67, 68, and 127 Notification
Lower Makefield Township, Bucks County, Pennsylvania

Dear Township Supervisors:

This municipal notice, under the requirements of Act 14, 97 P.S. § 510-5, is to inform you that Transcontinental Gas Pipe Line Company, LLC (Transco), a subsidiary of The Williams Companies, Inc. (Williams) is applying for coverage under the Erosion and Sediment Control General Permit (ESCGP-3) for Earth Disturbance Associated with Oil & Gas Exploration, Production, Processing or Treatment Operations or Transmission Facilities from the Pennsylvania Department of Environmental Protection (DEP).

1) Project Name: Regional Energy Access Expansion Project – Mainline "A" Regulator

2) Project Description: Transco, indirectly owned by The Williams Companies, Inc. (Williams), is seeking authorization from the Federal Energy Regulatory Commission (FERC or Commission) under Section 7(c) of the Natural Gas Act and Part 157 of the Commission's regulations, to construct, own, operate, and maintain the proposed Project facilities. The Project is an expansion of Transco's existing natural gas transmission system that will enable Transco to provide an incremental 829,400 dekatherms per day (Dth/d) of year-round firm transportation capacity from the Marcellus Shale production area in northeastern Pennsylvania (PA) to multiple delivery points along Transco's Leidy Line in PA, Transco's mainline at the Station 210 Zone 6 Pooling Point in Mercer County, New Jersey (NJ) and multiple delivery points in Transco's Zone 6 in NJ, PA, and Maryland (MD).

The existing Mainline A Regulator component of the Project is located in Lower Makefield Township, Bucks County. Proposed are facility modifications to add pressure regulation controls to existing valve settings.

3) Applicant Name: Transcontinental Gas Pipe Line Company, LLC's (Transco), a subsidiary of Williams Partners L.P. (Williams)

4) Applicant Contact: Joseph Dean
Environmental Manager
2800 Post Oak Blvd, Level 11
Houston, TX 77056
(713) 215-3417

5) Site Location: The proposed Project is located on the Pennington, New Jersey-Pennsylvania, 7.5 Minute USGS quadrangle at 40°16'5.22"N, 74°51'25.38"W.

6) Municipality / County: Lower Makefield Township, Bucks County

Act 14, which amended the Commonwealth's Administrative Code (71 P.S. § 510-5), requires every applicant for a new, amended, or revised permit to give written notice to each municipality (borough, township) and county government in which the facility is located. The municipality and county government must receive the written notice at least thirty (30) - days before DEP may issue or deny approval of coverage.

Enclosed is a complete copy of the Notice of Intent (NOI) completed for the project as well as copies of the erosion and sediment control plans.

Sincerely,

Ryan J. Nelson, PWS
WHM Consulting, LLC

Enclosures:
NOI Form
Erosion and Sediment Control Plan Drawings

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To: SFOX@WHMGROUP.COM
Subject: UPS Delivery Notification, Tracking Number 1Z8797VV0393153921
Date: Thursday, April 1, 2021 9:32:28 AM

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WHM CONSULTING, INC

Tracking Number:	**1Z8797VV0393153921**
Ship To:	LOWER MAKEFIELD TOWNSHIP SUPERVISOR 1100 EDGEWOOD ROAD YARDLEY, PA 19067 US
Number of Packages:	1
UPS Service:	UPS Ground
Package Weight:	1.0 LBS
Reference Number:	WILLIAMS -20-268, TASK 2

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pennsylvania
DEPARTMENT OF ENVIRONMENTAL PROTECTION

COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
OFFICE OF WATER PROGRAMS
OFFICE OF OIL AND GAS MANAGEMENT

OFFICIAL USE ONLY
ID # T
Date Received
AUTH
SITE
CLNT
APS
Fee
Check No.
Check Date

NOTICE OF INTENT (NOI) FOR COVERAGE UNDER THE EROSION AND SEDIMENT CONTROL GENERAL PERMIT (ESCGP-3) FOR EARTH DISTURBANCE ASSOCIATED WITH OIL AND GAS EXPLORATION, PRODUCTION, PROCESSING, OR TREATMENT OPERATIONS OR TRANSMISSION FACILITIES

READ THE INSTRUCTIONS PROVIDED IN THIS PERMIT APPLICATION PACKAGE BEFORE COMPLETING THIS FORM. PLEASE PRINT OR TYPE INFORMATION IN BLACK OR BLUE INK.

SECTION A. APPLICATION TYPE

Check one:

NEW ☒ **RENEWAL** ☐ **MAJOR MODIFICATIONS (Provide ESCGP number)** ☐

PHASED ☐ (check only if applicable; *note: Most projects are not submitted as phased projects*)

Check one: EXPEDITED ☐ **STANDARD** ☒

If an Expedited Review Process being requested, be advised that the Expedited Review is not available for all projects. Refer to Section D - Expedited Review Process of the ESCGP-3 NOI Instructions to determine if the project is eligible.

SECTION B. CLIENT INFORMATION

Applicant's Last Name (If applicable)	First Name	MI	Telephone No.
Organization Name or Registered Fictitious Name Transcontinental Gas Pipe Line Company, LLC (Contact: Joseph Dean)			Telephone No. (713) 215-3427
DEP Client ID No.			
Headquarters Mailing Address 2800 Post Oak Blvd, Level 11	City Houston	State TX	ZIP Code 77056
Email Address Joseph.Dean@williams.com			
Co-Applicant's Last Name (If applicable)	First Name	MI	Telephone No.
Organization Name or Registered Fictitious Name			Telephone No.

Address	City	State	ZIP Code
Email Address			

SECTION C. SITE INFORMATION			
Is there an existing ESCGP associated with this site? ☐ Yes ☒ No If yes, Permit No. _____			
Has a well permit application been submitted for this site? ☐ Yes ☒ No If yes, Permit No. _____ Does this site have a 911 address? ☐ Yes ☒ No If yes, provide site location address.			
Site Name Regional Energy Access Expansion Project			
Site Location See Attachment 1-1.1- NOI Supporting Information	Site No. (if another permit has been issued for the site)		
Site Location – City See Attachment 1-1.1- NOI Supporting Information		State PA	ZIP Code
Detailed Written Directions to Site See Attachment 1-1.1- NOI Supporting Information for locations of all project sites			

Primary Location	County	Municipality	City	Boro	Twp.
	Luzerne, Northhampton, Bucks, Chester, and Monroe	Buck, Bear Creek, Plains, Jenkins, Kingston, Lower Mt. Bethel, Ross, Chestnut Hill, Tunkhannock, Lower Makefield, East Whiteland and Dallas Townships Wyoming, West Wyoming, and Laflin Boroughs	☐	☒	☒

SECTION D. EXPEDITED REVIEW	
I. Expedited Review Eligibility	
1. Is any part of the project in the watershed of a surface water with an existing or designated use of exceptional value or high quality pursuant to Chapter 93 (relating to water quality standards), in an exceptional value wetland in accordance with 25 Pa. Code § 105.17, or in the watershed of an impaired surface water where the cause of the impairment is identified as siltation?	☒ Yes ☐ No
2. Will the project in which the well pad will be constructed be in or on a floodplain?	☐ Yes ☒ No
3. Is any earth disturbance located or proposed to be located on land known to be contaminated by the release of regulated substances as defined in Section 103 of Act 2, 35 P.S. § 6026.103?	☐ Yes ☒ No
4. Will naturally occurring geologic formations or soil conditions provide hazards to the project or surrounding environment or have the potential to cause or contribute to pollution when disturbed?	☒ Yes ☐ No
5. Do any unresolved non-compliance issues exist with the applicant or the facility?	☐ Yes ☒ No
6. Is the project a transmission project?	☒ Yes ☐ No

If yes to any of the above questions the project is not eligible for Expedited Review; If the project is eligible for Expedited Review, all the following items must be completed.	
II. Expedited Review Process	
1. Is the technically and administratively complete and accurate NOI package prepared and certified by a licensed professional?	☐ Yes ☐ No
2. Are E&S and PCSM/Site Restoration Plan drawings and narrative prepared and sealed by a licensed professional? *(Include interim restoration details when needed)*	☐ Yes ☐ No
3. Include a Resource Delineation Report and answer the following questions: (If the answer to question a. is "Yes" then skip to #4. If the answer to a. is "No" the applicant must answer "Yes" to at least one of the questions, b. through d. to be eligible for expedited review.)	
a. Were all wetland resources delineated during the growing season?	☐ Yes ☐ No
b. If not during the growing season, was a follow-up visit conducted during the growing season to verify/adjust boundaries and look for potentially missed resources?	☐ Yes ☐ No
c. Was a quality assurance field review conducted at a later date by an independent qualified wetland professional to verify boundaries and look for potentially missed resources? (If yes, attach Quality Assurance Field Review Report)	☐ Yes ☐ No
d. Was a Jurisdictional Determination (JD) or Preliminary JD conducted by the US Army Corps of Engineers on the whole project? (If yes, attach Preliminary or Jurisdictional Determination Report)	☐ Yes ☐ No
4. If applicable, have you included PNDI clearance letters or other documentation from applicable resource agencies?	☐ Yes ☐ No
5. If the project site contains, is along, or within 100 feet of a river, stream, creek, lake, pond or reservoir, will you establish new or preserve existing riparian forest buffer at least 100 feet in width between the top of streambank or normal pool elevation of a lake, pond or reservoir and areas of earth disturbances. If no, will a waiver be obtained? ☐ Yes ☐ No	☐ Yes ☐ No
6. Name of Licensed Professional Company	
Address	
Phone	

SECTION E. PROJECT INFORMATION			
1. Total Project Area/Project Site (Ac):	1,346 (Also see Attachment 1-1.1)	Total Disturbed Area (Ac):	689.8 (Also see Attachment 1-1.1)
Increased disturbed acreage *(for permit modification only)*			
Fee: ***(For additional information regarding fees, refer to NOI Instructions #3 Permit NOI Filing Fees.)***			$ $500 (Filing Fee), $69,000 (Disturbed Acre Fee)
2. Project Name: Regional Energy Access Expansion Project			

3. Project Type (Check all that apply)

- ☐ Oil/Gas Well [1]
- ☐ Gathering Facility
- ☐ Treatment Facility
- ☒ Compressor Station
- ☒ Pipeline
- ☐ Storage Field Facility
- ☐ Other
- ☒ Transmission Facility
- ☐ Processing Facility
- ☐ Well Development Impoundment
- ☐ Non-FERC regulated Transmission Facility
- ☐ Ground/Surface Water Withdrawal Site

[1] If Oil/Gas Well; is the well conventional or unconventional? ☐ Conventional ☐ Unconventional

Project Description

Transco, indirectly owned by The Williams Companies, Inc. (Williams), is seeking authorization from the Federal Energy Regulatory Commission (FERC or Commission) under Section 7(c) of the Natural Gas Act and Part 157 of the Commission's regulations, to construct, own, operate, and maintain the proposed Project facilities

The Project is an expansion of Transco's existing natural gas transmission system that will enable Transco to provide an incremental 829,400 dekatherms per day (Dth/d) of year-round firm transportation capacity from the Marcellus Shale production area in northeastern Pennsylvania (PA) to multiple delivery points along Transco's Leidy Line in PA, Transco's mainline at the Station 210 Zone 6 Pooling Point in Mercer County, New Jersey (NJ) and multiple delivery points in Transco's Zone 6 in NJ, PA, and Maryland (MD). The Project will consist of the following components:
•Approximately 22.3 miles of 30-inch-diameter pipeline partially collocated with Transco's Leidy Line A from milepost (MP) 0.00 to MP 22.32 in Luzerne County, PA (Regional Energy Lateral);
• Approximately 13.8 miles of 42-inch-diameter pipeline collocated with Transco's Leidy Line System from MP 43.72 to MP 57.50 in Monroe County, PA (Effort Loop);
• New gas-fired turbine driven compressor station identified as Compressor Station 201 with 11,107 nominal horsepower (HP) at International Organization of Standardization (ISO) conditions in Gloucester County, NJ;
• Addition of two gas-fired turbine driven compressor units with 31,800 nominal HP at ISO conditions at existing Compressor Station 505 in Somerset County, NJ, to accommodate the abandonment and replacement of approximately 16,000 HP from eight existing internal combustion engine-driven compressor units and increase the certificated station compression by 15,800 HP;
• Addition of two gas-fired turbine driven compressor units with 63,742 nominal HP at ISO conditions and modification of three existing compressors at existing Compressor Station 515 in Luzerne County, PA to support the Project and to accommodate the abandonment and replacement of approximately 17,000 HP from five existing gas-fired reciprocating engine driven compressors and increase the certificated station compression by 46,742 HP;
• Uprate and rewheel two existing electric motor-driven compressor units at existing Compressor Station 195 in York County, PA to increase the certificated station compression by 5,000 HP and accommodate the abandonment of two existing gas-fired reciprocating engine driven compressors which total approximately 8,000 HP of compression;
•Modifications at existing Compressor Station 200 in Chester County, PA;
•Uprate one existing electric motor-driven compressor unit at Compressor Station 207 in Middlesex County, NJ to increase the certificated station compression by 4,100 HP;
• Modifications to three (3) existing pipeline tie-ins in PA (Hildebrandt Tie-in, Lower Demunds REL Tie-in, and Carverton Tie-in);
•Addition of regulation controls at an existing valve setting on Transco's Mainline "A" in Bucks County, PA (Mainline A Regulator);
•Modifications at the existing Delaware River Regulator in Northampton County, PA;
•Modifications at the existing Centerville Regulator in Somerset County, NJ;
•Modifications to the existing valves and piping at the Princeton Junction (Station 210 Pooling Point) in Mercer County, NJ;
• Modifications to three (3) existing delivery meter stations in NJ (Camden M&R Station, Lawnside M&R Station, and Mt. Laurel M&R Station);
•Modifications to one (1) existing delivery meter station in MD (Beaver Dam M&R Station);
•Contractual changes (no modifications) at ten (10) existing delivery meter stations in PA and NJ (Algonquin-Centerville Meter Station, Post Road Meter Station, New Village Meter Station, Spruce Run Meter Station, Marcus Hook Meter Station, Ivyland Meter Station, Repaupo Meter Station, Morgan Meter Station, Lower Mud Run Meter Station, and Chesterfield Meter Station);
• Additional ancillary facilities, such as mainline valves (MLVs), cathodic protection, communication facilities, and internal inspection device (e.g., pig) launchers and receivers in PA; and
• Existing, improved, and new access roads and contractor yards/staging areas in PA, NJ, and MD.
Provide the date of pre-application meeting (if conducted with the Department) 04/27/20, 07/09/20, 09/04/20, 09/30/20, 12/15/20, 12/16/20, 01/06/21, 02/05/21

4. Provide the latitude and longitude coordinates for the center of the project. The coordinates should be in Decimal degrees and North American Datum 1983. The coordinates must meet the current DEP policy regarding locational accuracy. For linear projects provide the project's termini. See Attachment 1-1.1

Latitude (DD) . Longitude (DD) - .

Latitude (DD) . Longitude (DD) - .

Horizontal Collection Method: ☐ GPS ☒ Interpolated from U.S.G.S. Topographic Map ☐ DEP's eMAP

5. U.S.G.S. 7.5 min. topographic quadrangle Name (See Attachment 1-1.1)
(*Include a copy of the project area on the 7.5 min quad map)*

6. Will the project be conducted as a phased permit project? ☐ Yes ☒ No
If Yes, Include Master Site Plan Estimated Timetable for Phased Projects. ☐ Additional sheet(s) attached.

Phase No. or Name	Description	Total Area	Disturbed Area	Start Date	End Date

7. List existing and previous land use for a minimum of the previous 5 years. (See Section 2 of this ESCGP-3 Application)

8. Other Pollutants: Will the stormwater discharge contain pollutional substances other than sediment? ☐ Yes ☒ No

9. Will fuels, chemicals, solvents, other hazardous waste or materials be used or stored on site during earth disturbance activities or will Horizontal Directional Drilling (HDD) activities be conducted?
Yes ☒ No ☐ ***(If yes, Preparedness, Prevention and Contingency (PPC) Plan must be maintained on site during earth disturbance. See NOI Instructions, E.9 PPC Plan Guidance for further information.)***

10. Is the project in the watershed of an impaired surface water where the cause of the impairment is identified as siltation?
Yes ☒ No ☐ (See Section 2-5 of this ESCGP-3 Application) ***(If yes, show how the project will not result in a net change in volume, rate or water quality. See section I below, and E.10 of NOI instructions.)***

11. Are there potentially hazardous naturally occurring geological or soil conditions in any portion of the project or surrounding area? Yes ☒ No ☐

If yes, do the potentially hazardous geologic or soil conditions have the potential to cause or contribute to pollution as a result of the proposed earth disturbance activities?

If no, provide an explanation.

If yes, Geologic Hazard Mitigation Plan must be attached and explain where in this application details are provided.

12. Has the Act 14 Municipal Notification and proof of receipt of notification been attached to the NOI?
Yes ☒ No ☐ ***(If not, the NOI is not complete, see E.12 and #4 Municipal Notification in the NOI Instructions for additional guidance.)***

13. Has the PNDI receipt been attached to the NOI?
Yes ☒ No ☐ ***(If not, the NOI is not complete, see E.13 and #5 PNHP in the NOI Instructions for additional guidance.)***

14. Have the E&S Plan and PCSM/SR Plan been planned and designed to be consistent?
Yes ☒ No ☐

15. Have existing and/or proposed Riparian Forest Buffers been identified?
Yes ☒ N/A ☐ ***(If yes, they must be shown on the E&S Plan as well as the PCSM/SR Plans.)***

16. Have antidegradation implementation requirements for special protection waters been addressed?
Yes ☒ No ☐ N/A ☐ ***(If yes, antidegradation requirements must be included in the plan.)***

17. Has the seasonal high groundwater level been identified and 20-inch separation established at all excavation locations for pits for conventional operations and Well Development Impoundments for unconventional operations?

    Yes ☐ No ☐ N/A ☒

18. Receiving Waters	Chapter 93, Designated Use Stream Classification	Chapter 93, Existing Use Stream Classification
Effort Loop- Lake Creek (HQ-CWF,MF) Princess Run (CWF,MF) Weir Creek (CWF,MF) McMichael Creek (EV, MF) and (HQ-CWF) Pohopoco Creek (CWF,MF) Sugar Hollow Creek (CWF,MF) Poplar Creek (EV,CWF,MF) Mud Run (HQ-CWF, MF) Mud Pond Run (HQ-CWF,EV,MF) Tunkhannock Creek (HQ-CWF,MF) Regional Energy Lateral- Stony Run (HQ-CWF,MF) Shades Creek (HQ-CWF,MF) Little Shades Creek (HQ-CWF,MF) Snider Run (HQ-CWF,MF) Meadow Run (HQ-CWF,MF) Bear Creek (HQ-CWF,MF) Little Bear Creek (HQ-CWF,MF) Mill Creek (CWF,MF) Gardner Creek (CWF,MF) Susquehanna River (WWF,MF) Abrahams Creek (CWF,MF) Toby Creek (CWF,MF) Trout Brook (CWF,MF) Compressor Station 515- Shades Creek (HQ-CWF,MF) Stony Run (HQ-CWF,MF) Compressor Station 200- Valley Creek (EV,MF) Delaware River Regulator- Mud Run (CWF, MF) Mainline "A" Regulator - Dyers Creek (WWF,MF) See Attachment 1-1.1 for detailed list.	☒ HQ ☒ EV ☒ Other CWF, MF, WWF ☒ Siltation-impaired	☐ HQ ☒ EV ☒ Other MF ☐ Siltation-impaired
	☐ HQ ☐ EV ☐ Other _____ ☐ Siltation-impaired	☐ HQ ☐ EV ☐ Other _____ ☐ Siltation-impaired

	☐ HQ ☐ EV ☐ Other _____ ☐ Siltation-impaired ☐ HQ ☐ EV ☐ Other _____ ☐ Siltation-impaired	☐ HQ ☐ EV ☐ Other _____ ☐ Siltation-impaired ☐ HQ ☐ EV ☐ Other _____ ☐ Siltation-impaired
Secondary Receiving Water	Secondary Chapter 93, Designated Use	Secondary Existing Use
Name of Municipal or Private Separate Storm Sewer Operator, if applicable.		
Non-Surface Receiving Water: (include off-site discharges)		

SECTION F. EROSION AND SEDIMENT CONTROL (E&S) PLAN

See the attached Instructions for additional guidance with E&S Plans

Erosion and Sediment Control Plan BMPs should be designed to minimize accelerated erosion and sedimentation through limiting the extent and duration of earth disturbance, protection of existing drainage and vegetation, limiting soil compaction and controlling the generation of increased runoff. The Department recommends the use of the *Pennsylvania Erosion & Sedimentation Pollution Control Program Manual (E&S Manual)* (363-2134-008) to achieve this goal. The E&S Plan must meet the requirements of Pa. Code § 102.4(b) and submitted with the NOI. Also, see section 2. of the NOI instruction for detailed information on completing the E&S plan and additional requirements.

a. E&S Plan Summary

Provide a summary of proposed E&S BMPs and their performance to manage E&S for the project.

Typical BMPs provided along the pipeline Right-Of-Way includes waterbars, trench plugs, compost filter socks, compost sediment traps, rock filter outlets, erosion control blankets, rock construction entrances, temporary equipment bridges, timber mats, diversion channels, level spreaders, mulch and seed. An appropraite sediment removal device (filter bag, dewatering structure) and well-vegetated area will be utilized for trench dewatering. In HQ, EV watersheds, appropriate Antidegradation Best Available Combination of Technologies (ABACT) BMPs will be utilized. Additional information regarding all the proposed BMPs are provided in the Erosion and Sedimentation Control and Site Restoration Plans of respective project components (Section 2 of this ESCGP-3 Application).

b. E&S Plan BMP Design

Check those that apply:

☒ E&S Plan is designed using BMPs in the *E&S Manual*.

☐ E&S Plan is designed using an alternative BMP or design standard approved by DEP.

Note: NOI packages submitted with alternate BMPs not approved by the Department will be returned to the Applicant.

c. Do you have any information regarding riparian buffer which differs from Section G, Riparian Buffer?

Yes ☐ No ☒

Explain:

d. Thermal Impacts Analysis

Explain how thermal impacts associated with this project were avoided, minimized, or mitigated.

Thermal impacts associated with Regional Energy Access Expansion Project will be avoided to the maximum extent possible. Minimum permanent changes in land cover are being proposed for constructing the pipeline facilities. Runoff from impervious areas added during the project will be suitably routed to Stormwater BMPs. Gravel will be used for access roads wherever practicable. To avoid thermal impacts arising from clearing and grading, removal of vegetation will be limited to only that necessary for construction and construction Right-Of-Way will be limited to 75 feet in wetlands and floodways where practical. Once construction activities are complete, disturbed areas will be restored to pre-construction contours and seeded as described in Erosion and Sediment Control and Site Restoration Plans. Temporary workspaces will be restored back with woody and herbaceous species. Thermal impacts assessments corresponding to each project component including pipelines and aboveground facilities are given in Section 2 and 3 of this ESCGP-3 Application.

e. Off-Site Discharge Analysis

Does the activity propose any off-site discharges to areas other than surface waters? ☒ Yes ☐ No

If yes, it is the applicant's responsibility to ensure that they have legal authority for any off-site discharge to neighboring properties.

The applicant must provide a demonstration in both E&S and PCSM/SR plans that the discharge will not cause erosion, damage, or a nuisance to off-site properties.

See Offsite Discharge Analysis Sections in E&S Narratives

SECTION G. RIPARIAN BUFFER

1. Will you be protecting, converting or establishing a voluntary riparian forest buffer as part of this project?
   ☐ Yes ☒ No
   If yes, as part of the PCSM/SR Plan, provide a Buffer Management Plan.
2. Will proposed earth disturbance activities be conducted in an EV or HQ watershed AND within 150 feet of a perennial or intermittent river, stream, or creek, or lake, pond, or reservoir? ☒ Yes ☐ No

   If no, proceed to the next section/module.
3. Does this project qualify for an exception (see § 102.14(d)(1))? ☒ Yes ☐ No

   If yes, indicate below the type of project for which the exception applies by marking the appropriate box.

   ☐ Oil and gas activities for which site reclamation or restoration is part of the permit authorization in Chapter 78 and 78a.

   ☒ Road maintenance activities.

   ☐ The repair or maintenance of existing pipelines and utilities.

   ☐ Other (see §102.14(d)(1))

   If exceptions are checked, explain how existing riparian buffer will be undisturbed to the extent practicable. Provide a demonstration that the requirements of §102.14(b) are met, or provide the necessary information to request a riparian buffer waiver.
4. Are you requesting a riparian buffer waiver for this project (see § 102.14(d)(2))? ☒ Yes ☐ No

   If yes, indicate below the type of project for which you are requesting a waiver by marking the appropriate box.

   ☒ Linear project that may include pipelines, public roadways, rail lines, or utility lines.

   ☒ Project is of a temporary nature where the site will be fully restored to its preexisting conditions during the ESCGP permit term.

   ☒ Project where compliance with mandatory riparian buffers is not appropriate or feasible due to site characteristics or existing structures at the project site.

   ☐ Other (see §102.14(d)(2)):

   If waivers are checked, explain how existing riparian buffers will be undisturbed to the extent practicable.

   Note: If “Yes” to #2 **AND** “No” to #3 and #4, provide an attachment to demonstrate how the requirements of §102.14 are met.

SECTION H. POST CONSTRUCTION STORMWATER MANAGEMENT (PCSM) AND/OR SITE RESTORATION(SR) PLAN

See NOI Instructions for additional guidance with PCSM Plans

PCSM/SR BMPs should be designed to use natural measures to eliminate pollution, infiltrate runoff, not require extensive construction/maintenance, promote pollutant reduction, and preserve the integrity of stream channels. All PCSM/SR BMPs proposed in the PCSM/SR Plan must be designed in accordance with Ch. 102, Ch. 78a for unconventional operations, Ch. 78 for conventional operations and the *Pennsylvania Stormwater Best Management Practices Manual (Stormwater BMP Manual)* (363-0300-002). If alternate design criteria are utilized for the proposed project, they must have prior approval by the Department, or the NOI Application will be returned to the Applicant.

After construction is completed, how much of the entire disturbed area will be restored to meadow in good condition or better, or existing conditions? ☐ All ☒ Partial ☐ None

Include PCSM narrative and drawings for remaining impervious area. Also include a map showing the proposed contours of the site restoration plan.

If there are additional stages of the project prior to permit termination or expiration, list the stages and provide the documents required by subsection 'a' to section 'g' for each stage (e.g. partial restoration or changes to the amount of compacted areas, gravel, and/or impervious areas). Upload a narrative for each additional stage in addition to the drawings.

EXAMPLE

Stage No	Stage Name	PCSM Plan	SR Plan
Stage 1		☐	☐
Stage 2		☐	☐
Stage 3		☐	☐
Stage 4		☐	☐

Act 167 Consistency. Check those that apply.

Is there an Act 167 Plan? ☒ Yes ☐ No

☒ The attached PCSM/SR Plan is consistent with an applicable approved Act 167 Plan.

Complete the following for all approved Act 167 Stormwater Management Plans. (Use additional sheets if necessary)

Act 167 Plan Name	Date Adopted	Consistency Letter Included	
Luzerne County Stormwater Management Ordinance	August 18, 2010	Verification Report Included	☒
Valley Creek Watershed Stormwater Management Plan	February 04, 2011		

Note: A consistency letter is not required if a verification report is provided. See NOI Instructions. The PCSM/SR Plan must satisfy either sub paragraph 1, 2, or 3 below. Check those that apply.

1. ☒ Act 167 Plan approvals on or after January 2005 – The attached PCSM/SR Plan, in its entirety, is consistent with all requirements pertaining to rate, volume, and water quality from an Act 167 Stormwater Management Plan approved by DEP on or after January 2005. Box 1 must be checked if a current, DEP approved Act 167 plan exists.

2. ☒ The PCSM/SR Plan meets the standard design criteria from sections 102.8(g)(2) and (3) and the *Stormwater BMP Manual*. For projects involving oil and gas activities authorized by a permit issued under Chapter 78 or Chapter 78a (well pads) or pipelines and other similar utility infrastructure, post construction stormwater management requirements are met for all areas that are restored to preconstruction conditions or to a condition of meadow in good condition or better. *[Note: PCSM plans must meet both the volume and rate requirements in the regulations, which are provided in the 2 sections mentioned in this paragraph].*

3. ☐ Alternative Design Standard – The attached PCSM/SR Plan was developed using approaches as provided in 102.8(g)(2)(iv) and 102.8(g)(3)(iii). Demonstrate/explain in the space provided below how this standard will be either more protective than what is required in 102.8(g)(2) and 102.8(g)(3) or will maintain and protect existing water quality and existing and designated uses.

PCSM/SR BMP Alternative Standards:

Has the alternative BMP or design standard been approved by the Department?

☐ Yes

☐ No – Do not submit the ESCGP-3 application and see Section (H) of the NOI Instructions concerning the alternative BMP approval process.

Water Quality Compliance:

Does the PCSM/SR plan comply with requirements for volume control? ☒ Yes ☐ No

If yes, is at least 90% of the disturbed area controlled by a PCSM BMP? ☒ Yes ☐ No

If yes, do you have the Standard PCSM Worksheet # 10 attached to show water quality compliance has achieved?
☒ Yes ☐ No

If no, attach Standard PCSM Worksheets # 12 and #13 to show water quality compliance has achieved.

If PCSM/SR plan is not complying with the requirements for volume control, attach Standard PCSM Worksheets # 11, # 12 and #13 to show water quality compliance has achieved.

a. PCSM/SR Plan Summary

Provide a summary of proposed BMPs and their performance to manage PCSM/SR for the project.

Along the pipeline Right-Of-Way, typical E&S BMPs such as waterbars and erosion control blanket will be left in place as part of site restoration. After construction activities are completed, temporary workspaces will be restored to meadow in good condition or better than existing conditions. For the aboveground facilities, PCSM BMPs such as infiltration basins, diversion channels and vegetated swales will be used and left in place as part of site restoration. Additional information regarding all the proposed BMPs are provided in the Post-Construction Stormwater Management Plans of respective project components (Section 3 of this ESCGP-3 Application).

Check all that apply ☒ PCSM BMPs ☒ SR BMPs

b. Do you have any information regarding riparian buffer which differs from what was submitted in the Section G, Riparian Buffer?

☐ Yes ☒ No

Explain:

c. Thermal Impacts Analysis

Explain how thermal impacts associated with this project were avoided, minimized, or mitigated.

Runoff collected in PCSM BMPS such as infiltration basins will mitigate thermal impacts from post construction stormwater. Runoff collected in infiltration basins are discharged to receiving waters are not expected to be retained for more than 24 hours. Minimum permanent changes in land cover are being proposed for constructing the pipeline facilities. Gravel will be used for access roads wherever practicable. Removal of trees and riparian vegetation and addition of impervious surfaces will be limited to only that necessary for construction. Once construction activities are complete, disturbed areas will be restored to pre-construction contours and seeded as described in Erosion and Sedimental Control and Site Restoration Plans. Temporary workspaces will be restored back with woody and herbaceous species. Thermal impacts assessments correspoding to each project component including pipelines and aboveground facilities are given in Section 2 and 3 of this ESCGP-3 Application.

d. Off-Site Discharge Analysis.

Does the activity propose any off-site discharges to areas other than surface waters? ☒ Yes ☐ No

If yes, it is the applicant's responsibility to ensure that they have legal authority for any off-site discharge to neighboring properties.

The Applicant must provide a demonstration in both the E&S and PCSM/SR Plans that the discharge will not cause erosion, damage, or a nuisance to off-site properties.

See Offsite Discharge Analysis Sections in PCSM Narratives

NOI Section H. POST CONSTRUCTION STORMWATER MANAGEMENT (PCSM) PLANS

Summary Calculations of Post Construction Stormwater BMPs

1. Regional Energy Lateral Pipeline - MLV-515RA20
2. Regional Energy Lateral Pipeline - MLV-515RA30
3. Regional Energy Lateral Pipeline - Carverton Tie-in
4. Regional Energy Lateral Pipeline - Lower Demunds REL Tie-in
5. Regional Energy Lateral Pipeline – Hildebrandt Tie-in/MLV-515RA40
6. Effort Loop Pipeline - MLV-505LD86
7. Compressor Station 200
8. Compressor Station 515

NOTICE OF INTENT (NOI) FOR COVERAGE UNDER THE EROSION AND SEDIMENT CONTROL GENERAL PERMIT (ESCGP-3) FOR EARTH DISTURBANCE ASSOCIATED WITH OIL AND GAS EXPLORATION, PRODUCTION, PROCESSING, OR TREATMENT OPERATIONS OR TRANSMISSION FACILITIES

TABLES IN ADDENDUM OF NOI

SECTION H. POST CONSTRUCTION STORMWATER MANAGEMENT (PLAN) BMPs

Regional Energy Lateral Pipeline - MLV-515RA20 - Zenker Valve Yard

e. Summary Table for Supporting Calculation and Measurement Data
(See NOI Instructions for additional guidance with this section)

The remainder of this section (Summary Table for Calculation and Measurement Data) does not need to be completed for areas of projects involving oil and gas activities authorized by Chapter 78 or Chapter 78a (well pads) or pipelines and other similar utility infrastructure which will be restored to meadow in good condition or better or existing conditions.

Watershed Name: Mill Creek

Volume Control design storm frequency 2-year Rainfall amount 2.95 inches	Pre-construction	Post Construction	Net Change
Impervious area (acres)	0.00	0.19	+0.19
Volume of stormwater runoff (acre-feet) without planned stormwater BMPs	0.04	0.06	+0.02
Volume of stormwater runoff (acre-feet) with planned stormwater BMPs		0.03	-0.01
Stormwater discharge rate for the design frequency storm	Pre-construction	Post Construction	Net Change
1) 2-Year/24-Hour	3.51	3.22	-0.29
2) 10-Year/24-Hour	6.82	6.17	-0.65
3) 50-year/24-Hour	11.88	11.12	-0.76
4) 100-year/24-Hour	14.91	14.91	-0.00

f. Summary Description of PCSM/SR BMPs

In the lists below, check the BMPs identified in the PCSM Plan. The primary function(s) of the BMP listed in the functions column (infiltration/recharge; detention/retention; water quality). Additional functions may be added if applicable to that BMP. List the stormwater volume and area of runoff to be treated by each BMP type when calculations are required. If any BMP in the PCSM/SR Plan is not listed below, describe it in the space provided after "Other". A summary table with infiltration testing information (Attachment E, included in the NOI Instructions) must be submitted for all Bio-infiltration BMPs included in PCSM/SR plan.

For Rate control provide the volume of stormwater treated and acres treated for the 100-year/24-hour storm event.

For volume control and water quality provide the volume of stormwater treated and acres treated for the 2-year/24-hour storm event.

Key for BMP purpose(s): VC = Volume Control; RC = Rate Control; and WQ = Water Quality

BMP	Function(s)	Purpose(s)	Volume of stormwater treated	Acres treated
Site Restoration ONLY				
☐ Restore Site to Meadow in Good Condition or Better, or Existing Conditions	Infiltration/Recharge Detention/WQ Treatment	☐ VC ☐ RC ☐ WQ	_____	_____
Bio-infiltration areas	Infiltration/Recharge			
☐ Infiltration Trench		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Infiltration Bed		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Infiltration Basin		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Rain Garden/ Bioretention		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Infiltration Berm				
☐ Vegetated Swale		☐ VC ☐ RC ☐ WQ	_____	_____
Natural Area Conservation	Infiltration/Recharge			
☐ Streamside Buffer Zone		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Wetland Buffer Zone		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Sensitive Area Buffer Zone		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Pre-Construction Drainage Pattern Intact		☐ VC ☐ RC ☐ WQ	_____	_____
Stormwater Retention	Detention/Retention			
☐ Constructed Wetlands		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Wet Ponds		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Retention Basin		☐ VC ☐ RC ☐ WQ	_____	_____
Sediment and Pollutant Removal	Water Quality Treatment			
☐ Vegetated Filter Strips		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Compost Filter Sock		☐ VC ☐ RC ☐ WQ	_____	_____
☒ Detention Basins		☒ VC ☒ RC ☒ WQ	1,396cf(2-yr); 6,186cf(100-yr)	0.28
Access Road Design	Infiltration/Recharge			
☐ Road Crowning		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Ditches		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Turnouts		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Culverts		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Roadside Vegetated Filter Strips		☐ VC ☐ RC ☐ WQ	_____	_____

Stormwater Energy Dissipaters	Infiltration/Recharge			
☐ Level Spreaders		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Riprap Aprons		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Upslope Diversions		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Other_____		☐ VC ☐ RC ☐ WQ	_____	_____

g. Critical PCSM Plan stages

Identify and list critical stages of implementation of the PCSM Plan for which a licensed professional or designee shall be present on site.

1. Upon commencement of construction activities to ascertain the Dry Extended Detention Basin area has been flagged and fence erected to prevent access to the area.

2. At completion of Diversion Channels to ensure they have been constructed to the proposed lines and grades, the specified lining materials have been installed in accordance with the requirements of the plans and specifications, and if applicable, vegetation has been established.

3. At the beginning of construction of the Dry Extended Detention Basin to ensure the infiltration area has not been compacted by construction activities.

4. During construction of the Dry Extended Detention Basin the licensed professional will observe that the BMP is constructed in accordance with the plans and specifications.

5. At completion of Collection Channel C1 to ensure it has been constructed to the proposed line and grade, the specified lining material has been installed in accordance with the requirements of the plans and specifications, and if applicable, vegetation has been established.

6. Following installation of the Valve Yard Pad subgrade to ensure stormwater flow is directed to Collection Channel C1.

7. For final inspection of constructed BMPs.

8. At the establishment of hard surface stabilization or 70% vegetation covers to allow removal of E&S controls.

NOTICE OF INTENT (NOI) FOR COVERAGE UNDER THE EROSION AND SEDIMENT CONTROL GENERAL PERMIT (ESCGP-3) FOR EARTH DISTURBANCE ASSOCIATED WITH OIL AND GAS EXPLORATION, PRODUCTION, PROCESSING, OR TREATMENT OPERATIONS OR TRANSMISSION FACILITIES

TABLES IN ADDENDUM OF NOI

SECTION H. POST CONSTRUCTION STORMWATER MANAGEMENT (PLAN) BMPs

Regional Energy Lateral Pipeline - MLV-515RA30 - Wyoming Valve Yard

b. Summary Table for Supporting Calculation and Measurement Data

(See NOI Instructions for additional guidance with this section)

The remainder of this section (Summary Table for Calculation and Measurement Data) does not need to be completed for areas of projects involving oil and gas activities authorized by Chapter 78 or Chapter 78a (well pads) or pipelines and other similar utility infrastructure which will be restored to meadow in good condition or better or existing conditions.

Watershed Name: Susquehanna-Solomon Creek

Volume Control design storm frequency 2-year Rainfall amount 2.57 inches	Pre-construction	Post Construction	Net Change
Impervious area (acres)	0.00	0.24	+0.24
Volume of stormwater runoff (acre-feet) without planned stormwater BMPs	0.03	0.06	+0.03
Volume of stormwater runoff (acre-feet) with planned stormwater BMPs	[redacted]	0.03	-0.00
Stormwater discharge rate for the design frequency storm	Pre-construction	Post Construction	Net Change
1) 2-Year/24-Hour	0.22	0.02	-0.20
2) 10-Year/24-Hour	0.68	0.03	-0.65
3) 50-year/24-Hour	1.52	0.06	-1.46
4) 100-year/24-Hour	2.06	0.07	-1.99

c. Summary Description of PCSM/SR BMPs

In the lists below, check the BMPs identified in the PCSM Plan. The primary function(s) of the BMP listed in the functions column (infiltration/recharge; detention/retention; water quality). Additional functions may be added if applicable to that BMP. List the stormwater volume and area of runoff to be treated by each BMP type when calculations are required. If any BMP in the PCSM/SR Plan is not listed below, describe it in the space provided after "Other". A summary table with infiltration testing information (Attachment E, included in the NOI Instructions) must be submitted for all Bio-infiltration BMPs included in PCSM/SR plan.

For Rate control provide the volume of stormwater treated and acres treated for the 100-year/24-hour storm event.

For volume control and water quality provide the volume of stormwater treated and acres treated for the 2-year/24-hour storm event.

Key for BMP purpose(s): VC = Volume Control; RC = Rate Control; and WQ = Water Quality

BMP	Function(s)	Purpose(s)	Volume of stormwater treated	Acres treated
Site Restoration ONLY				
☐ Restore Site to Meadow in Good Condition or Better, or Existing Conditions	Infiltration/Recharge Detention/WQ Treatment	☐ VC ☐ RC ☐ WQ	_____	_____
Bio-infiltration areas	Infiltration/Recharge			
☐ Infiltration Trench		☐ VC ☐ RC ☐ WQ	_____	_____
☒ Infiltration Bed		☒ VC ☒ RC ☒ WQ	451cf(2-yr); 2,511cf(100-yr)	0.21
☐ Infiltration Basin		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Rain Garden/ Bioretention		☐ VC ☐ RC ☐ WQ	_____	
☐ Infiltration Berm		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Soil Amendment		☐ VC ☐ RC ☐ WQ	_____	_____
Natural Area Conservation	Infiltration/Recharge			
☐ Streamside Buffer Zone		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Wetland Buffer Zone		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Sensitive Area Buffer Zone		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Pre-Construction Drainage Pattern Intact		☐ VC ☐ RC ☐ WQ	_____	_____
Stormwater Retention	Detention/Retention			
☐ Constructed Wetlands		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Wet Ponds		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Retention Basin		☐ VC ☐ RC ☐ WQ	_____	_____
Sediment and Pollutant Removal	Water Quality Treatment			
☐ Vegetated Filter Strips		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Compost Filter Sock		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Detention Basins		☐ VC ☐ RC ☐ WQ	_____	_____
Access Road Design	Infiltration/Recharge			
☐ Road Crowning		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Ditches		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Turnouts		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Culverts		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Roadside Vegetated Filter Strips		☐ VC ☐ RC ☐ WQ	_____	_____

Stormwater Energy Dissipaters ☐ Level Spreaders ☐ Riprap Aprons ☐ Upslope Diversions ☒ OtherVegetated Swale	Infiltration/Recharge	☐ VC ☐ RC ☐ WQ ☐ VC ☐ RC ☐ WQ ☐ VC ☐ RC ☐ WQ ☒ VC ☒ RC ☒ WQ	_____ _____ _____ 1,009cf(2-yr); 4,264cf(100-yr)	_____ _____ _____ 0.49

d. Critical PCSM Plan stages

Identify and list critical stages of implementation of the PCSM Plan for which a licensed professional or designee shall be present on site.

1. Upon commencement of construction activities to ascertain the Vegetated Swale area has been flagged and fence erected to prevent access to the area.
2. At the beginning of construction of the Vegetated Swale to ensure the infiltration area has not been compacted by construction activities.
3. During construction of the Vegetated Swale the licensed professional will observe that the BMP is constructed in accordance with the plans and specifications.
4. At completion of Collection Channel C1 to ensure it has been constructed to the proposed line and grade, the specified lining material has been installed in accordance with the requirements of the plans and specifications, and if applicable, vegetation has been established.
5. Following installation of the Valve Yard Pad subgrade to ensure stormwater flow is directed to the infiltration berm.
6. For final inspection of constructed BMPs.
7. At the establishment of hard surface stabilization or 70% vegetation covers to allow removal of E&S controls.

NOTICE OF INTENT (NOI) FOR COVERAGE UNDER THE EROSION AND SEDIMENT CONTROL GENERAL PERMIT (ESCGP-3) FOR EARTH DISTURBANCE ASSOCIATED WITH OIL AND GAS EXPLORATION, PRODUCTION, PROCESSING, OR TREATMENT OPERATIONS OR TRANSMISSION FACILITIES

TABLES IN ADDENDUM OF NOI

SECTION H. POST CONSTRUCTION STORMWATER MANAGEMENT (PLAN) BMPs

Regional Energy Lateral Pipeline - Carverton Tie-In

b. Summary Table for Supporting Calculation and Measurement Data

(See NOI Instructions for additional guidance with this section)

The remainder of this section (Summary Table for Calculation and Measurement Data) does not need to be completed for areas of projects involving oil and gas activities authorized by Chapter 78 or Chapter 78a (well pads) or pipelines and other similar utility infrastructure which will be restored to meadow in good condition or better or existing conditions.

Watershed Name: Abrahams Creek

Volume Control design storm frequency 2-year Rainfall amount 2.61 inches	Pre-construction	Post Construction	Net Change
Impervious area (acres)	0.03	0.11	+0.08
Volume of stormwater runoff (acre-feet) without planned stormwater BMPs	0.02	0.03	+0.01
Volume of stormwater runoff (acre-feet) with planned stormwater BMPs	[redacted]	0.00	-0.02
Stormwater discharge rate for the design frequency storm	Pre-construction	Post Construction	Net Change
1) 2-Year/24-Hour	0.46	0.00	-0.46
2) 10-Year/24-Hour	0.91	0.00	-0.91
3) 50-year/24-Hour	1.61	0.00	-1.61
4) 100-year/24-Hour	2.01	0.00	-2.01

c. Summary Description of PCSM/SR BMPs

In the lists below, check the BMPs identified in the PCSM Plan. The primary function(s) of the BMP listed in the functions column (infiltration/recharge; detention/retention; water quality). Additional functions may be added if applicable to that BMP. List the stormwater volume and area of runoff to be treated by each BMP type when calculations are required. If any BMP in the PCSM/SR Plan is not listed below, describe it in the space provided after "Other". A summary table with infiltration testing information (Attachment E, included in the NOI Instructions) must be submitted for all Bio-infiltration BMPs included in PCSM/SR plan.

For Rate control provide the volume of stormwater treated and acres treated for the 100-year/24-hour storm event.

For volume control and water quality provide the volume of stormwater treated and acres treated for the 2-year/24-hour storm event.

Key for BMP purpose(s): VC = Volume Control; RC = Rate Control; and WQ = Water Quality

BMP	Function(s)	Purpose(s)	Volume of stormwater treated	Acres treated
Site Restoration ONLY				
☐ Restore Site to Meadow in Good Condition or Better, or Existing Conditions	Infiltration/Recharge Detention/WQ Treatment	☐ VC ☐ RC ☐ WQ	_____	_____
Bio-infiltration areas	Infiltration/Recharge			
☐ Infiltration Trench		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Infiltration Bed		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Infiltration Basin		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Rain Garden/ Bioretention		☐ VC ☐ RC ☐ WQ	_____	
☒ Infiltration Berm		☒ VC ☒ RC ☒ WQ	1,280cf (2-yr); 4,445cf(100-yr)	0.26
Natural Area Conservation	Infiltration/Recharge			
☐ Streamside Buffer Zone		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Wetland Buffer Zone		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Sensitive Area Buffer Zone		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Pre-Construction Drainage Pattern Intact		☐ VC ☐ RC ☐ WQ	_____	_____
Stormwater Retention	Detention/Retention			
☐ Constructed Wetlands		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Wet Ponds		☒ VC ☒ RC ☒ WQ	_____	_____
☐ Retention Basin		☐ VC ☐ RC ☐ WQ	_____	_____
Sediment and Pollutant Removal	Water Quality Treatment			
☐ Vegetated Filter Strips		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Compost Filter Sock		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Detention Basins		☐ VC ☐ RC ☐ WQ	_____	_____
Access Road Design	Infiltration/Recharge			
☐ Road Crowning		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Ditches		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Turnouts		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Culverts		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Roadside Vegetated Filter Strips		☐ VC ☐ RC ☐ WQ	_____	_____

Stormwater Energy Dissipaters	Infiltration/Recharge			
☐ Level Spreaders		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Riprap Aprons		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Upslope Diversions		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Other_____		☐ VC ☐ RC ☐ WQ	_____	_____

d. Critical PCSM Plan stages

Identify and list critical stages of implementation of the PCSM Plan for which a licensed professional or designee shall be present on site.

1. At the beginning of construction to ascertain the Infiltration Berm area has been flagged and fence erected to prevent access to the area.
2. Following installation of the Valve Yard Pad subgrade to ensure stormwater flow is directed to the infiltration berm.
3. At the beginning of construction of the Infiltration Berm to ensure the infiltration area has not been compacted by construction activities.
4. During construction of the infiltration berm the licensed professional will observe that the berm is constructed in accordance with the plans and specifications.
5. For final inspection of constructed BMPs.
6. At the establishment of hard surface stabilization or 70% vegetation covers to allow removal of E&S controls.

NOTICE OF INTENT (NOI) FOR COVERAGE UNDER THE EROSION AND SEDIMENT CONTROL GENERAL PERMIT (ESCGP-3) FOR EARTH DISTURBANCE ASSOCIATED WITH OIL AND GAS EXPLORATION, PRODUCTION, PROCESSING, OR TREATMENT OPERATIONS OR TRANSMISSION FACILITIES

TABLES IN ADDENDUM OF NOI

SECTION H. POST CONSTRUCTION STORMWATER MANAGEMENT (PLAN) BMPs

Regional Energy Lateral Pipeline - Lower Demunds REL Tie-In

b. Summary Table for Supporting Calculation and Measurement Data

(See NOI Instructions for additional guidance with this section)

The remainder of this section (Summary Table for Calculation and Measurement Data) does not need to be completed for areas of projects involving oil and gas activities authorized by Chapter 78 or Chapter 78a (well pads) or pipelines and other similar utility infrastructure which will be restored to meadow in good condition or better or existing conditions.

Watershed Name: Toby Creek

Volume Control design storm frequency 2-year Rainfall amount 3.40 inches	Pre-construction	Post Construction	Net Change
Impervious area (acres)	0.00	0.12	+0.12
Volume of stormwater runoff (acre-feet) without planned stormwater BMPs	0.02	0.04	+0.02
Volume of stormwater runoff (acre-feet) with planned stormwater BMPs		0.01	-0.01
Stormwater discharge rate for the design frequency storm	Pre-construction	Post Construction	Net Change
1) 2-Year/24-Hour	0.20	0.00	-0.20
2) 10-Year/24-Hour	0.40	0.00	-0.40
3) 50-year/24-Hour	0.71	0.20	-0.51
4) 100-year/24-Hour	0.89	0.51	-0.38

c. Summary Description of PCSM/SR BMPs

In the lists below, check the BMPs identified in the PCSM Plan. The primary function(s) of the BMP listed in the functions column (infiltration/recharge; detention/retention; water quality). Additional functions may be added if applicable to that BMP. List the stormwater volume and area of runoff to be treated by each BMP type when calculations are required. If any BMP in the PCSM/SR Plan is not listed below, describe it in the space provided after "Other". A summary table with infiltration testing information (Attachment E, included in the NOI Instructions) must be submitted for all Bio-infiltration BMPs included in PCSM/SR plan.

For Rate control provide the volume of stormwater treated and acres treated for the 100-year/24-hour storm event.

For volume control and water quality provide the volume of stormwater treated and acres treated for the 2-year/24-hour storm event.

Key for BMP purpose(s): VC = Volume Control; RC = Rate Control; and WQ = Water Quality

BMP	Function(s)	Purpose(s)	Volume of stormwater treated	Acres treated
Site Restoration ONLY				
☐ Restore Site to Meadow in Good Condition or Better, or Existing Conditions	Infiltration/Recharge Detention/WQ Treatment	☐ VC ☐ RC ☐ WQ	_____	_____
Bio-infiltration areas	Infiltration/Recharge			
☐ Infiltration Trench		☐ VC ☐ RC ☐ WQ	_____	_____
☒ Infiltration Bed		☒ VC ☒ RC ☒ WQ	1,481cf(2-yr); 4,356cf(100-yr)	0.17
☐ Infiltration Basin		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Rain Garden/ Bioretention		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Infiltration Berm		☐ VC ☐ RC ☐ WQ	_____	_____
Natural Area Conservation	Infiltration/Recharge			
☐ Streamside Buffer Zone		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Wetland Buffer Zone		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Sensitive Area Buffer Zone		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Pre-Construction Drainage Pattern Intact		☐ VC ☐ RC ☐ WQ	_____	_____
Stormwater Retention	Detention/Retention			
☐ Constructed Wetlands		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Wet Ponds		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Retention Basin		☐ VC ☐ RC ☐ WQ	_____	_____
Sediment and Pollutant Removal	Water Quality Treatment			
☐ Vegetated Filter Strips		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Compost Filter Sock		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Detention Basins		☐ VC ☐ RC ☐ WQ	_____	_____
Access Road Design	Infiltration/Recharge			
☐ Road Crowning		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Ditches		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Turnouts		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Culverts		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Roadside Vegetated Filter Strips		☐ VC ☐ RC ☐ WQ	_____	_____

Stormwater Energy Dissipaters ☐ Level Spreaders ☐ Riprap Aprons ☐ Upslope Diversions ☐ Other_____	Infiltration/Recharge	 ☐ VC ☐ RC ☐ WQ ☐ VC ☐ RC ☐ WQ ☐ VC ☐ RC ☐ WQ ☐ VC ☐ RC ☐ WQ	 _____ _____ _____ _____	 _____ _____ _____ _____

d. Critical PCSM Plan stages

Identify and list critical stages of implementation of the PCSM Plan for which a licensed professional or designee shall be present on site.

1. Upon commencement of construction activities to ascertain the Valve Yard Pad area has been flagged and fence erected to prevent access to the area.
2. At completion of Diversion Berm/Channel to ensure it has been constructed to the proposed lines and grades, the specified lining materials have been installed in accordance with the requirements of the plans and specifications, and if applicable, vegetation has been established.
3. At the beginning of construction of the Valve Yard Pad to ensure the infiltration area has not been compacted by construction activities.
4. During construction of the Valve Yard Pad the licensed professional will observe that the BMP is constructed in accordance with the plans and specifications.
5. Following installation of the Valve Yard Pad subgrade to ensure stormwater flow is directed to the outlet structure.
6. For final inspection of constructed BMPs.
7. At the establishment of hard surface stabilization or 70% vegetation covers to allow removal of E&S controls.

NOTICE OF INTENT (NOI) FOR COVERAGE UNDER THE EROSION AND SEDIMENT CONTROL GENERAL PERMIT (ESCGP-3) FOR EARTH DISTURBANCE ASSOCIATED WITH OIL AND GAS EXPLORATION, PRODUCTION, PROCESSING, OR TREATMENT OPERATIONS OR TRANSMISSION FACILITIES

TABLES IN ADDENDUM OF NOI

SECTION H. POST CONSTRUCTION STORMWATER MANAGEMENT (PLAN) BMPs

Regional Energy Lateral Pipeline – MLV-515RA40-Hildebrandt Tie-In

b. Summary Table for Supporting Calculation and Measurement Data

(See NOI Instructions for additional guidance with this section)

The remainder of this section (Summary Table for Calculation and Measurement Data) does not need to be completed for areas of projects involving oil and gas activities authorized by Chapter 78 or Chapter 78a (well pads) or pipelines and other similar utility infrastructure which will be restored to meadow in good condition or better or existing conditions.

Watershed Name: Toby Creek

Volume Control design storm frequency 2-year Rainfall amount 3.40 inches	Pre-construction	Post Construction	Net Change
Impervious area (acres)	0.0	0.22	+0.22
Volume of stormwater runoff (acre-feet) without planned stormwater BMPs	0.03	0.07	+0.04
Volume of stormwater runoff (acre-feet) with planned stormwater BMPs	[redacted]	0.01	-0.02
Stormwater discharge rate for the design frequency storm	Pre-construction	Post Construction	Net Change
1) 2-Year/24-Hour	0.34	0.20	-0.14
2) 10-Year/24-Hour	0.67	0.38	-0.29
3) 50-year/24-Hour	1.20	0.65	-0.55
4) 100-year/24-Hour	1.52	0.80	-0.72

c. Summary Description of PCSM/SR BMPs

In the lists below, check the BMPs identified in the PCSM Plan. The primary function(s) of the BMP listed in the functions column (infiltration/recharge; detention/retention; water quality). Additional functions may be added if applicable to that BMP. List the stormwater volume and area of runoff to be treated by each BMP type when calculations are required. If any BMP in the PCSM/SR Plan is not listed below, describe it in the space provided after "Other". A summary table with infiltration testing information (Attachment E, included in the NOI Instructions) must be submitted for all Bio-infiltration BMPs included in PCSM/SR plan.

For Rate control provide the volume of stormwater treated and acres treated for the 100-year/24-hour storm event.

For volume control and water quality provide the volume of stormwater treated and acres treated for the 2-year/24-hour storm event.

Key for BMP purpose(s): VC = Volume Control; RC = Rate Control; and WQ = Water Quality

BMP	Function(s)	Purpose(s)	Volume of stormwater treated	Acres treated
Site Restoration ONLY				
☐ Restore Site to Meadow in Good Condition or Better, or Existing Conditions	Infiltration/Recharge Detention/WQ Treatment	☐ VC ☐ RC ☐ WQ	_____	_____
Bio-infiltration areas	Infiltration/Recharge			
☐ Infiltration Trench		☐ VC ☐ RC ☐ WQ	_____	_____
☒ Infiltration Bed		☒ VC ☒ RC ☒ WQ	2,265cf(2-yr); 5,881cf(100-yr)	0.21
☐ Infiltration Basin		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Rain Garden/ Bioretention		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Infiltration Berm				
☐ Vegetated Swale		☐ VC ☐ RC ☐ WQ	_____	_____
Natural Area Conservation	Infiltration/Recharge			
☐ Streamside Buffer Zone		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Wetland Buffer Zone		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Sensitive Area Buffer Zone		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Pre-Construction Drainage Pattern Intact		☐ VC ☐ RC ☐ WQ	_____	_____
Stormwater Retention	Detention/Retention			
☐ Constructed Wetlands		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Wet Ponds		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Retention Basin		☐ VC ☐ RC ☐ WQ	_____	_____
Sediment and Pollutant Removal	Water Quality Treatment			
☐ Vegetated Filter Strips		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Compost Filter Sock		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Detention Basins		☐ VC ☐ RC ☐ WQ	_____	_____
Access Road Design	Infiltration/Recharge			
☐ Road Crowning		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Ditches		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Turnouts		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Culverts		☐ VC ☐ RC ☐ WQ	_____	_____

☐ Roadside Vegetated Filter Strips		☐ VC ☐ RC ☐ WQ	_____	_____
Stormwater Energy Dissipaters	Infiltration/Recharge			
☐ Level Spreaders		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Riprap Aprons		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Upslope Diversions		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Other_____		☐ VC ☐ RC ☐ WQ	_____	_____

d. Critical PCSM Plan stages

Identify and list critical stages of implementation of the PCSM Plan for which a licensed professional or designee shall be present on site.

1. Upon commencement of construction activities to ascertain the Valve Yard Pad area has been flagged and fence erected to prevent access to the area.
2. At completion of Diversion Channel to ensure it has been constructed to the proposed lines and grades, the specified lining materials have been installed in accordance with the requirements of the plans and specifications, and if applicable, vegetation has been established.
3. At the beginning of construction of the Valve Yard Pad to ensure the infiltration area has not been compacted by construction activities.
4. During construction of the Valve Yard Pad the licensed professional will observe that the BMP is constructed in accordance with the plans and specifications.
5. Following installation of the Valve Yard Pad subgrade to ensure stormwater flow is directed to the outlet structure.
6. For final inspection of constructed BMPs.
7. At the establishment of hard surface stabilization or 70% vegetation covers to allow removal of E&S controls.

NOTICE OF INTENT (NOI) FOR COVERAGE UNDER THE EROSION AND SEDIMENT CONTROL GENERAL PERMIT (ESCGP-3) FOR EARTH DISTURBANCE ASSOCIATED WITH OIL AND GAS EXPLORATION, PRODUCTION, PROCESSING, OR TREATMENT OPERATIONS OR TRANSMISSION FACILITIES

TABLES IN ADDENDUM OF NOI

SECTION H. POST CONSTRUCTION STORMWATER MANAGEMENT (PLAN) BMPs

Effort Loop Pipeline-MLV-505LD86 Sugar Hollow Valve Yard

b. Summary Table for Supporting Calculation and Measurement Data

(See NOI Instructions for additional guidance with this section)

The remainder of this section (Summary Table for Calculation and Measurement Data) does not need to be completed for areas of projects involving oil and gas activities authorized by Chapter 78 or Chapter 78a (well pads) or pipelines and other similar utility infrastructure which will be restored to meadow in good condition or better or existing conditions.

Watershed Name: Pohopoco Creek

Volume Control design storm frequency 2-year Rainfall amount 3.26 inches	Pre-construction	Post Construction	Net Change
Impervious area (acres)	0.09	0.62	+0.53
Volume of stormwater runoff (acre-feet) without planned stormwater BMPs	0.35	0.44	+0.09
Volume of stormwater runoff (acre-feet) with planned stormwater BMPs	[redacted]	0.28	-0.07
Stormwater discharge rate for the design frequency storm DA-1	Pre-construction	Post Construction	Net Change
1) 2-Year/24-Hour	0.01	0.01	-0.00
2) 10-Year/24-Hour	0.37	0.31	-0.06
3) 50-year/24-Hour	5.89	4.21	-1.68
4) 100-year/24-Hour	11.47	8.28	-3.19
Stormwater discharge rate for the design frequency storm DA-2	Pre-construction	Post Construction	Net Change
1) 2-Year/24-Hour	4.51	3.97	-0.54
2) 10-Year/24-Hour	12.49	12.28	-0.21
3) 50-year/24-Hour	26.58	24.35	-2.23
4) 100-year/24-Hour	35.41	31.74	-3.67

c. Summary Description of PCSM/SR BMPs

In the lists below, check the BMPs identified in the PCSM Plan. The primary function(s) of the BMP listed in the functions column (infiltration/recharge; detention/retention; water quality). Additional functions may be added if applicable to that BMP. List the stormwater volume and area of runoff to be treated by each BMP type when calculations are required. If any BMP in the PCSM/SR Plan is not listed below, describe it in the space provided after "Other". A summary table with infiltration testing information (Attachment E, included in the NOI Instructions) must be submitted for all Bio-infiltration BMPs included in PCSM/SR plan.

For Rate control provide the volume of stormwater treated and acres treated for the 100-year/24-hour storm event.

For volume control and water quality provide the volume of stormwater treated and acres treated for the 2-year/24-hour storm event.

Key for BMP purpose(s): VC = Volume Control; RC = Rate Control; and WQ = Water Quality

BMP	Function(s)	Purpose(s)	Volume of stormwater treated	Acres treated
Site Restoration ONLY				
☐ Restore Site to Meadow in Good Condition or Better, or Existing Conditions	Infiltration/Recharge Detention/WQ Treatment	☐ VC ☐ RC ☐ WQ	_____	_____
Bio-infiltration areas	Infiltration/Recharge			
☐ Infiltration Trench		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Infiltration Bed		☐ VC ☐ RC ☐ WQ	_____	_____
☒ Infiltration Basin		☒ VC ☒ RC ☒ WQ	1,123cf(2-yr); 21,318cf(100-yr)	2.85
☐ Rain Garden/ Bioretention		☐ VC ☐ RC ☐ WQ	_____	_____
☒ Infiltration Berm		☒ VC ☒ RC ☒ WQ	5,915cf(2-yr); 26,924cf(100-yr)	1.54
Natural Area Conservation	Infiltration/Recharge			
☐ Streamside Buffer Zone		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Wetland Buffer Zone		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Sensitive Area Buffer Zone		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Pre-Construction Drainage Pattern Intact		☐ VC ☐ RC ☐ WQ	_____	_____
Stormwater Retention	Detention/Retention			
☐ Constructed Wetlands		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Wet Ponds		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Retention Basin		☐ VC ☐ RC ☐ WQ	_____	_____
Sediment and Pollutant Removal	Water Quality Treatment			
☐ Vegetated Filter Strips		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Compost Filter Sock		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Detention Basins		☐ VC ☐ RC ☐ WQ	_____	_____
Access Road Design	Infiltration/Recharge			
☐ Road Crowning		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Ditches		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Turnouts		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Culverts		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Roadside Vegetated Filter Strips		☐ VC ☐ RC ☐ WQ	_____	_____

Stormwater Energy Dissipaters	Infiltration/Recharge			
☐ Level Spreaders		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Riprap Aprons		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Upslope Diversions		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Other_____		☐ VC ☐ RC ☐ WQ	_____	_____

d. Critical PCSM Plan stages

Identify and list critical stages of implementation of the PCSM Plan for which a licensed professional or designee shall be present on site.

1. For the final grading of the access road, ensuring it is constructed according to the plan details for proper conveyance of runoff.
2. Following final grading and seeding of the diversion channels and basin, in order to confirm they have been constructed according to the plan details for proper collection and conveyance of runoff. Periodic assessments will need to be made to ensure accumulated sediment have been cleaned out so the channels and basin maintain the necessary design volumes.
3. During the layout and excavation of the outlet control structure, the professional or delegate will ensure sizing, materials specifications, and construction procedures are followed to enable proper storage in the basin.
4. Following final grading and seeding of the infiltration berm in order to confirm they have been constructed according to the plan details for proper collection, infiltration, and conveyance of runoff. Periodic assessment will need to be made to ensure that accumulated sediment have been cleaned out so the area behind the berm maintains the necessary design volume.
5. For final inspection of constructed channels, basin and berms.
6. At the establishment of hard surface stabilization or 70% vegetation covers to allow removal of E&S controls.

NOTICE OF INTENT (NOI) FOR COVERAGE UNDER THE EROSION AND SEDIMENT CONTROL GENERAL PERMIT (ESCGP-3) FOR EARTH DISTURBANCE ASSOCIATED WITH OIL AND GAS EXPLORATION, PRODUCTION, PROCESSING, OR TREATMENT OPERATIONS OR TRANSMISSION FACILITIES

TABLES IN ADDENDUM OF NOI

SECTION H. POST CONSTRUCTION STORMWATER MANAGEMENT (PLAN) BMPs

Compressor Station 200

b. Summary Table for Supporting Calculation and Measurement Data

(See NOI Instructions for additional guidance with this section)

The remainder of this section (Summary Table for Calculation and Measurement Data) does not need to be completed for areas of projects involving oil and gas activities authorized by Chapter 78 or Chapter 78a (well pads) or pipelines and other similar utility infrastructure which will be restored to meadow in good condition or better or existing conditions.

Watershed Name: Valley Creek

Volume Control design storm frequency 2-year Rainfall amount 3.30 inches	Pre-construction	Post Construction	Net Change
Impervious area (acres)	0.25	0.40	+0.15
Volume of stormwater runoff (acre-feet) without planned stormwater BMPs	0.07	0.11	+0.04
Volume of stormwater runoff (acre-feet) with planned stormwater BMPs	[redacted]	0.07	-0.00
Stormwater discharge rate for the design frequency storm	Pre-construction	Post Construction	Net Change
1) 2-Year/24-Hour	1.03	0.15	-0.88
2) 10-Year/24-Hour	2.06	1.39	-0.67
3) 50-year/24-Hour	3.19	2.79	-0.40
4) 100-year/24-Hour	3.97	3.50	-0.47

c. Summary Description of PCSM/SR BMPs

In the lists below, check the BMPs identified in the PCSM Plan. The primary function(s) of the BMP listed in the functions column (infiltration/recharge; detention/retention; water quality). Additional functions may be added if applicable to that BMP. List the stormwater volume and area of runoff to be treated by each BMP type when calculations are required. If any BMP in the PCSM/SR Plan is not listed below, describe it in the space provided after "Other". A summary table with infiltration testing information (Attachment E, included in the NOI Instructions) must be submitted for all Bio-infiltration BMPs included in PCSM/SR plan.

For Rate control provide the volume of stormwater treated and acres treated for the 100-year/24-hour storm event.

For volume control and water quality provide the volume of stormwater treated and acres treated for the 2-year/24-hour storm event.

Key for BMP purpose(s): VC = Volume Control; RC = Rate Control; and WQ = Water Quality

BMP	Function(s)	Purpose(s)	Volume of stormwater treated	Acres treated
Site Restoration ONLY				
☐ Restore Site to Meadow in Good Condition or Better, or Existing Conditions	Infiltration/Recharge Detention/WQ Treatment	☐ VC ☐ RC ☐ WQ	_____	_____
Bio-infiltration areas	Infiltration/Recharge			
☐ Infiltration Trench		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Infiltration Bed		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Infiltration Basin		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Rain Garden/ Bioretention		☐ VC ☐ RC ☐ WQ	_____	_____
☒ Infiltration Berm		☒ VC ☒ RC ☒ WQ	3,790cf(2-yr); 11,631cf(100-yr)	0.56
Natural Area Conservation	Infiltration/Recharge			
☐ Streamside Buffer Zone		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Wetland Buffer Zone		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Sensitive Area Buffer Zone		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Pre-Construction Drainage Pattern Intact		☐ VC ☐ RC ☐ WQ	_____	_____
Stormwater Retention	Detention/Retention			
☐ Constructed Wetlands		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Wet Ponds		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Retention Basin		☐ VC ☐ RC ☐ WQ	_____	_____
Sediment and Pollutant Removal	Water Quality Treatment			
☐ Vegetated Filter Strips		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Compost Filter Sock		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Detention Basins		☐ VC ☐ RC ☐ WQ	_____	_____
Access Road Design	Infiltration/Recharge			
☐ Road Crowning		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Ditches		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Turnouts		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Culverts		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Roadside Vegetated Filter Strips		☐ VC ☐ RC ☐ WQ	_____	_____

Stormwater Energy Dissipaters ☐ Level Spreaders ☐ Riprap Aprons ☐ Upslope Diversions ☐ Other_____	Infiltration/Recharge	 ☐ VC ☐ RC ☐ WQ ☐ VC ☐ RC ☐ WQ ☐ VC ☐ RC ☐ WQ ☐ VC ☐ RC ☐ WQ	 _____ _____ _____ _____	 _____ _____ _____ _____

d. Critical PCSM Plan stages

Identify and list critical stages of implementation of the PCSM Plan for which a licensed professional or designee shall be present on site.

1. Following final grading and seeding of the infiltration berm in order to confirm it has been constructed according to the plan details for proper collection, infiltration, and conveyance of runoff. Periodic assessments will need to be made to ensure that accumulated sediment should be cleaned out so the channels and berm maintain necessary design volume.
2. For final inspection of constructed BMPs.
3. At the establishment of hard surface stabilization or 70% vegetation covers to allow removal of E & S controls.

NOTICE OF INTENT (NOI) FOR COVERAGE UNDER THE EROSION AND SEDIMENT CONTROL GENERAL PERMIT (ESCGP-3) FOR EARTH DISTURBANCE ASSOCIATED WITH OIL AND GAS EXPLORATION, PRODUCTION, PROCESSING, OR TREATMENT OPERATIONS OR TRANSMISSION FACILITIES

TABLES IN ADDENDUM OF NOI

SECTION H. POST CONSTRUCTION STORMWATER MANAGEMENT (PLAN) BMPs

Compressor Station 515

b. Summary Table for Supporting Calculation and Measurement Data

(See NOI Instructions for additional guidance with this section)

The remainder of this section (Summary Table for Calculation and Measurement Data) does not need to be completed for areas of projects involving oil and gas activities authorized by Chapter 78 or Chapter 78a (well pads) or pipelines and other similar utility infrastructure which will be restored to meadow in good condition or better or existing conditions.

Watershed Name: Bear Creek

Volume Control design storm frequency 2-year Rainfall amount 3.40 inches	Pre-construction	Post Construction	Net Change
Impervious area (acres)	0.34	2.44	+2.10
Volume of stormwater runoff (acre-feet) without planned stormwater BMPs	0.50	0.81	+0.31
Volume of stormwater runoff (acre-feet) with planned stormwater BMPs	[redacted]	0.18	-0.32
Stormwater discharge rate for the design frequency storm	Pre-construction	Post Construction	Net Change
1) 2-Year/24-Hour	5.46	1.76	-3.70
2) 10-Year/24-Hour	10.19	8.30	-1.89
3) 50-year/24-Hour	16.85	9.55	-7.30
4) 100-year/24-Hour	20.81	9.58	-11.23

c. Summary Description of PCSM/SR BMPs

In the lists below, check the BMPs identified in the PCSM Plan. The primary function(s) of the BMP listed in the functions column (infiltration/recharge; detention/retention; water quality). Additional functions may be added if applicable to that BMP. List the stormwater volume and area of runoff to be treated by each BMP type when calculations are required. If any BMP in the PCSM/SR Plan is not listed below, describe it in the space provided after "Other". A summary table with infiltration testing information (Attachment E, included in the NOI Instructions) must be submitted for all Bio-infiltration BMPs included in PCSM/SR plan.

For Rate control provide the volume of stormwater treated and acres treated for the 100-year/24-hour storm event.

For volume control and water quality provide the volume of stormwater treated and acres treated for the 2-year/24-hour storm event.

Key for BMP purpose(s): VC = Volume Control; RC = Rate Control; and WQ = Water Quality

BMP	Function(s)	Purpose(s)	Volume of stormwater treated	Acres treated
Site Restoration ONLY				
☐ Restore Site to Meadow in Good Condition or Better, or Existing Conditions	Infiltration/Recharge Detention/WQ Treatment	☐ VC ☐ RC ☐ WQ	_____	_____
Bio-infiltration areas	Infiltration/Recharge			
☐ Infiltration Trench		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Infiltration Bed		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Infiltration Basin		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Rain Garden/ Bioretention		☐ VC ☐ RC ☐ WQ	_____	_____
☒ Infiltration Berm		☒ VC ☒ RC ☒ WQ	31,799cf(2-yr); 96,268cf(100-yr)	3.83
Natural Area Conservation	Infiltration/Recharge			
☐ Streamside Buffer Zone		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Wetland Buffer Zone		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Sensitive Area Buffer Zone		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Pre-Construction Drainage Pattern Intact		☐ VC ☐ RC ☐ WQ	_____	_____
Stormwater Retention	Detention/Retention			
☐ Constructed Wetlands		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Wet Ponds		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Retention Basin		☐ VC ☐ RC ☐ WQ	_____	_____
Sediment and Pollutant Removal	Water Quality Treatment			
☐ Vegetated Filter Strips		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Compost Filter Sock		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Detention Basins		☐ VC ☐ RC ☐ WQ	_____	_____
Access Road Design	Infiltration/Recharge			
☐ Road Crowning		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Ditches		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Turnouts		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Culverts		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Roadside Vegetated Filter Strips		☐ VC ☐ RC ☐ WQ	_____	_____

Stormwater Energy Dissipaters	Infiltration/Recharge			
☐ Level Spreaders		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Riprap Aprons		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Upslope Diversions		☐ VC ☐ RC ☐ WQ	_____	_____
☐ Other_____		☐ VC ☐ RC ☐ WQ	_____	_____

d. Critical PCSM Plan stages

Identify and list critical stages of implementation of the PCSM Plan for which a licensed professional or designee shall be present on site.

1. Following final grading and seeding of the collection channels and infiltration berm in order to confirm they have been constructed according to the plan details for proper collection, infiltration, and conveyance of runoff. Periodic assessments will need to be made to ensure that accumulated sediment should be cleaned out so the channels and berm maintain necessary design volume.
2. For final inspection of constructed BMPs.
3. At the establishment of hard surface stabilization or 70% vegetation covers to allow removal of E & S controls.

SECTION I. ANTIDEGRADATION ANALYSIS

This section must be completed where earth disturbance activities will be conducted in the watershed of a surface water with an existing or designated use of exceptional value or high quality pursuant to Chapter 93 (relating to water quality standards), projects where any part is located in an exceptional value wetland in accordance with 25 Pa. Code § 105.17, and projects where any part is located in the watershed of an impaired surface water where the cause of impairment is identified as siltation.

Part 1 - NONDISCHARGE ALTERNATIVES EVALUATION

The applicant must consider and describe any and all non-discharge alternatives for the entire project area which are environmentally sound and will**:**

- Minimize accelerated erosion and sedimentation during the earth disturbance activity
- Achieve no net change from pre-development to post-development volume, rate and concentration of pollutants in water quality

E & S Plan	PCSM/SR Plan
Check off the environmentally sound nondischarge Best Management Practices (BMPs) listed below to be used prior to, during, and after earth disturbance activities that have been incorporated into your E & S Plan based on the site analysis. For non-discharge BMPs not checked, provide an explanation of why they were not utilized. Also for BMPs checked, provide an explanation of why they were utilized. (Provide the analysis and attach additional sheets if necessary) See Section 2 of this ESCGP-3 Application	Check off the environmentally sound nondischarge Best Management Practices (BMPs) listed below to be used after construction that have been incorporated into the PCSM/SR Plan based on your site analysis. For non-discharge BMPs not checked, provide an explanation of why they were not utilized. Also for BMPs checked, provide an explanation of why they were utilized. (Provide the analysis and attach additional sheets if necessary) See Section 3 of this ESCGP-3 Application
Nondischarge BMPs ☐ Alternative Siting ☐ Alternative location ☐ Alternative configuration ☐ Alternative location of discharge ☒ Limited Disturbed Area ☐ Limiting Extent & Duration of Disturbance (Phasing, Sequencing) ☐ Riparian Buffers (150 ft. min.) ☐ Riparian Forest Buffer (150 ft. min.) ☐ Other _____	**Nondischarge BMPs** ☐ Alternative Siting ☐ Alternative location ☐ Alternative configuration ☐ Alternative location of discharge ☐ Low Impact Development (LID / BSD) ☐ Riparian Buffers (150 ft. min.) ☐ Riparian Forest Buffer (150 ft. min.) ☒ Infiltration ☐ Water Reuse ☐ Other _____
Will the non-discharge alternative BMPs eliminate the net change in rate, volume and quality during construction? ☐ Yes ☒ No If yes, antidegradation analysis is complete. If no, proceed to Part 2.	Will the non-discharge alternative BMPs eliminate the net change in rate, volume and quality after construction? ☐ Yes ☒ No If yes, antidegradation analysis is complete. If no, proceed to Part 2.

PART 2 - ANTIDEGRADATION BEST AVAILABLE COMBINATION OF TECHNOLOGIES (ABACT)

If the net change in stormwater discharge from or after construction is not fully managed by nondischarge BMPs, the applicant must utilize ABACT BMPs to manage the difference. The Applicant must specify whether the discharge will occur during construction, post-construction or both, and identify the technologies that will be used to ensure that the discharge will be a non-degrading discharge. ABACT BMPs include but are not limited to:

E & S Plan	PCSM/SR Plan
☒ **Treatment BMPs:** ☐ Sediment basin with skimmer ☐ Sediment basin ratio of 4:1 or greater (flow length to basin width) ☐ Sediment basin with 4-7 day detention ☐ Flocculants ☒ Compost Filter Socks ☒ Compost Filter Sock Sediment Basin ☒ RCE w/ Wash Rack ☒ **Land disposal:** ☐ Vegetated filters ☐ Riparian buffers <150ft. ☐ Riparian Forest Buffer <150ft. ☒ Immediate stabilization ☒ **Pollution prevention:** ☒ PPC Plans ☒ Street sweeping ☒ Channels, collectors and diversions lined with permanent vegetation, rock, geotextile or other non-erosive materials ☐ **Stormwater reuse technologies:** ☐ Sediment basin water for dust control ☐ Sediment basin water for irrigation ☐ **Other** _____	☒ **Treatment BMPs:** ☒ Infiltration Practices ☐ Wet ponds ☐ Created wetland treatment systems ☒ Vegetated swales ☐ Manufactured devices ☒ Bio-retention/infiltration ☐ Green Roofs ☐ **Land disposal:** ☐ Vegetated filters ☐ Riparian Buffers <150ft. ☐ Riparian Forest Buffer <150ft. ☐ Disconnection of roof drainage ☐ Bio-retention/bio-infiltration ☒ **Pollution prevention:** ☐ Street sweeping ☐ Nutrient, pesticide, herbicide or other chemical application plan alternatives ☒ PPC Plans ☒ Non-structural Practices ☒ Restoration BMPs ☐ **Stormwater reuse technologies:** ☐ Divert rainwater into impoundment ☐ Underground storage ☐ Spray/Drip Irrigation ☐ **Other** _____
Are the ABACT BMPs selected sufficient to minimize E&S discharges to the extent that existing or designated surface water uses are protected? ☒ Yes ☐ No If yes, Antidegradation analysis is complete. If no, NOI Application will be returned to the Applicant.	Are the ABACT BMPs selected sufficient to achieve no net change and assure that existing or designated surface water uses are protected? ☒ Yes ☐ No If yes, Antidegradation analysis is complete. If no, NOI Application will be returned to the Applicant.

SECTION J. COMPLIANCE HISTORY REVIEW

Is/was the applicant(s) in violation of any Department regulation, order, schedule of compliance or permit or in violation of any department regulated activities within the past five years?

☒ Yes ☐ No

If yes, provide the permit number or facility name, a brief description of the violation, the compliance schedule (including dates and steps to achieve compliance) and the current compliance status. (Attach additional information on a separate sheet, when necessary)

Permit Program or Activity: Chapter 102, Chapter 105, PAG-10
Permit Number (if applicable):

1. **ESG03000150001, ESG00350150001, ESG00081150001**
2. **E41-649**
3. **E-19-311, E36-947, E-38-195, E40-769,E49-336, E54-360, E58-315, E66-160, E41-667, E18-495,**
4. **PAG109632**

Brief Description of non-compliance:

Consent Assessment of Civil Penalty, Reports past due.

Steps taken to achieve compliance	Date(s) compliance achieved
1. Consent Assessment of Civil Penalty 2. Consent Assessment of Civil Penalty. Permits being obtained to complete channel restoration 3. Consent Assessment of Civil Penalty 4. All past due reports were provided to PADEP	1. 9/20/2020 2. 8/9/2020 3. 9/20/2020 4. 12/14/2017

Current Compliance Status: ☒ In-Compliance ☐ In Non-Compliance

If in non-compliance, attach schedule for achieving compliance.

SECTION K. CERTIFICATION BY PERSON PREPARING E&S AND PCSM/SR PLANS

I do hereby certify to the best of my knowledge, information, and belief, that the Erosion and Sediment Control and PCSM/Site Restoration Plans are true and correct, represent actual field conditions, and are in accordance with the 25 Pa. Code Chapters 78/78a and 102 of the Department's rules and regulations. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment.

Print Name Kevin C. Clark	Signature	Professional Seal
Company BAI Group, LLC		
Address 2525 Green Tech Drive, Suite D, State College, PA-16803		
Phone (814) 238-2060		
Most Recent DEP Training Attended _____	Location _____ Date _____	
e-Mail Address kclark@baigroupllc.com		

EXPEDITED REVIEW PROCESS

In addition to the certification required above, applicants using the expedited permit review process must attach an E&S and PCSM/Site Restoration Plans developed and sealed by a licensed professional engineer, surveyor or professional geologist. The plans shall contain the following certification:

*I do hereby certify to the best of my knowledge, information, and belief, that the E & S Control and PCSM/SR BMPs are true and correct, represent actual field conditions and are in accordance with the 25 Pa. Code Chapters 78 / 78a and 102 of the Department's rules and regulations. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment***.**

SECTION L. APPLICANT CERTIFICATION

Applicant Certification

I certify under penalty of law, as provided by 18 Pa. C.S.A. § 4904, that this application and all related attachments were prepared by me or under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my own knowledge and on inquiry of the person or persons who manage the system or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate and complete. The responsible official's signature also verifies that the activity is eligible to participate in the ESCGP, and that the applicant agrees to abide by the terms and conditions of the permit. BMP's, E&S Plan, PPC Plan, PCSM Plan, and other controls are being or will be, implemented to ensure that water quality standards and effluent limits are attained.

I grant permission to the agencies responsible for the permitting of this work, or their duly authorized representative to enter the project site for inspection purposes. I will abide by the conditions of the permit if issued and will not begin work prior to permit issuance.

(For individuals no indication of title is necessary, choose the box below. All others proceed to the next paragraph)

☐ **Individual; proceed to signature portion.**

I hereby certify under penalty of law, as provided by 18 Pa. C.S.A. § 4904, that I am the person who is responsible for decision-making regarding environmental compliance functions for Transcontinental Gas Pipeline Company, LLC, the manager of one or more manufacturing, production, or operating facilities of the applicant and am authorized to make management decisions which govern the operation of regulated facility including having explicit or implicit duty of making major capital investment recommendations, and initiating and directing other comprehensive measures to assure the applicant's long term environmental compliance with environmental laws and regulations; and I am responsible for ensuring that the necessary systems are established or actions taken to gather complete and accurate information for permit application requirements.

(choose one of the following; not applicable for individuals):

☐ The responsible corporate officer ☐ president ☐ vice president ☐ secretary
☐ treasure of _____ Corporation/Company
Entity name

☒ The ☐ member or ☒ manager of Transcontinental Gas Pipe Line Company, LLC
Entity name

☐ The general partner of _____ partnership/LP/LLP
Entity name

☐ The principal executive officer or ranking elected official of _____ Municipality/State/Federal/other public agency
Entity name

☐ Power of Attorney/delegation of contractual authority (documentation supporting delegation of contracting authority must be provided) for _____
Entity name

_____	_____
Print Name and Title of Applicant	Print Name and Title of Co-Applicant (if applicable)
_____	_____
Signature of Applicant	Signature of Co-Applicant
_____	_____
Date Application Signed	Date Application Signed

Notarization

Sworn to and subscribed to before me this

_____ day of _____, 20_____

_____
Notary Public

AFFIX SEAL

Commonwealth of Pennsylvania

County of _____

My Commission expires _____

SECTION M. ADDITIONAL CONTACT INFORMATION				
Contact's Last Name	First Name	MI	Phone (814) 689-1650	
Nelson	Ryan	J	FAX	
Mailing Address	City		State	ZIP + 4
2525 Green Tech Drive, Suite B	State College		PA	16803
e-Mail Address ryann@whmgroup.com				

Section 1-1.1 NOI Supporting Information

Project Component	Site	Site Location City	ZIP Code	County	Municipality	Total Project Area/Project Site (Acre)	Total Disturbed Area (Acre)	Latitude / Longitude	U.S.G.S. 7.5 min. Topographic Quadrangle	Receiving Waters	Chapter 93, Designated Use Stream Classification	Chapter 93, Existing Use Stream Classification	Siltation Impaired
Regional Energy Lateral	Pipeline			Luzerne	Buck, Bear Creek, Plains, Jenkins, Kingston, Dallas, Wyoming, West Wyoming, Laflin	952.63	420.67 (includes CS 515 and sites below)	41.173337, -75.671706 (eastern terminus) 41.346917, -75.946263 (western terminus)	Kingston, Pittston, Avoca, Wilkes-Barre East, Pleasant View Summit	Stony Run, Shades Creek, Little Shades Creek, Snider Run, Meadow Run, Bear Creek, Little Bear Creek, Mill Creek, Gardner Creek, Susquehanna River, Abrahams Creek, Toby Creek, Trout Brook	MF, HQ-CWF, WWF, CWF	-	No
	CY-LU-001	Wyoming	18644	Luzerne	Wyoming		16.3 (Included within above total)	41.31016, -75.84636		Abrahams Creek	CWF, MF	-	No
	CY-LU-002	Wilkes-Barre	18702	Luzerne	Laflin		11.4 (Included within above total)	41.28491, -75.79026		Gardner Creek	CWF, MF	-	No
	MLV-515RA20	Wilkes-Barre	18702	Luzerne	Bear Creek Township		0.46 (Included within above total)	41.25279, -75.75856		Mill Creek	CWF, MF	-	No
	MLV-515RA30	Wyoming	18644	Luzerne	Wyoming Borough		0.44 (Included within above total)	41.30411, -75.84662		Susquehanna River	WWF		No
	Carverton Tie-in	Wyoming	18644	Luzerne	West Wyoming Borough		3.9 (Included within above total)	41.32053, -75.87270		Abrahams Creek	CWF, MF		No
	Lower Demunds REL Tie-in	Dallas	18612	Luzerne	Dallas Township		1.7 (Included within above total)	41.34652, -75.94551		Trout Brook	CWF, MF		No
	Hildebrandt Tie-in/MLV-515RA40	Dallas	18612	Luzerne	Dallas Township		3.1 (Included within above total)	41.34692, -75.94629		Toby Creek, Trout Brook	CWF, MF		No
	Laflin Borough Stream Stabilization	Wilkes-Barre	18702	Luzerne	Laflin Borough		0.94 (Included within above total)	41.28925, -75.80209		Gardner Creek	CWF, MF	-	No
Effort Loop	Pipeline			Monroe	Ross, Chestnuthill, Tunkhannock	360.63	262.18	40.896796, -75.370606 (Southeast Terminus) 41.053413, -75.526178 (Northwest Terminus)	Blakeslee, Pocono Pines, Brodheadsville, Saylorsburg	Lake Creek, Princess Run, Weir Creek, McMichael Creek, Pohopoco Creek, Sugar Hollow Creek, Poplar Creek, Mud Run, Mud Pond Run, Tunkhannock Creek	EV, MF, HQ-CWF, CWF	EV, MF	No

Project Component	Site	Site Location City	ZIP Code	County	Municipality	Total Project Area/Project Site (Acre)	Total Disturbed Area (Acre)	Latitude / Longitude	U.S.G.S. 7.5 min. Topographic Quadrangle	Receiving Waters	Chapter 93, Designated Use Stream Classification	Chapter 93, Existing Use Stream Classification	Siltation Impaired
	MLV-505LD86 Sugar Hollow Valve Yard	Effort	18330	Monroe	Chestnut Hill Township		8.8 (Included within above total)	40.96775, -75.42980		Sugar Hollow Creek	CWF, MF	-	No
	CY-MO-001	Saylorsburg	18353	Monroe	Ross Township		50.1 (Included within above total)	40.89803, -75.36784		Lake Creek, Princess Run	HQ-CWF, MF, CWF	-	No
Delaware River Regulator		Easton	18040	Northampton	Lower Mt. Bethel	11.28	3.25	40.76220 -75.19653	Bangor, PA	Mud Run	CWF, MF	-	No
Mainline "A" Regulator		Washington Crossing	18977	Bucks	Lower Makefield	0.94	0.530	40.26807, -74.85712	Pennington, NJ-PA	Dyers Creek, Delaware River	MF, WWF	-	No
Compressor Station 200		Frazer	19335	Chester	East Whiteland	20.28	3.16	40.04998, -75.58589	Malvern, PA	Valley Creek	EV, MF, CWF	-	Yes
Compressor Station 515		White Haven	18661	Luzerne	Buck	952.63 (Included with Regional Energy Lateral)	24.83 (included with Regional Energy Lateral)	41.17380, -75.67118	Pleasant View Summit, PA	Shades Creek, Stony Run	HQ-CWF, MF	-	No

COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
BUREAU OF CLEAN WATER

MUNICIPAL NOTIFICATION OF PLANNED LAND DEVELOPMENT FOR CHAPTER 102 PERMITS

PROJECT INFORMATION (COMPLETED BY APPLICANT)

Applicant Name:	**Transcontinental Gas Pipe Line Company, a subsidiary of Williams Partners, L.P.**	Contact Name:	**Joseph Dean** **Manager-Permitting**
Applicant Address:	**2800 Post Oak Blvd, Level 11**	Contact Phone:	**(713) 215-3427**
Applicant City, State, ZIP:	**Houston, TX 77056**	County:	**Bucks**
		Municipality:	**Lower Makefield**

Description of Proposed Land Development and Stormwater Controls:

The existing Mainline A Regulator component of the Regional Energy Access Expansion Project is proposed to add pressure regulation controls to existing valve settings. E&S BMP's are proposed.

Project Area: **0.94** acres ☐ Phased

Disturbance: **0.53** acres

Tax Parcel ID(s) Affected by Proposed Land Development:

20-011-014-003 & 20-011-015

Surface Waters Receiving Stormwater Discharges:

Dyers Creek, Delaware River

Discharge to: ☐ MS4 ☐ Other SS ☐ CSS

The following information was submitted to the municipality for this project:

☐ Land Development / Subdivision Plan ☒ E&S Plan ☐ PCSM Plan ☐ Other:

***On March 31, 2021 Transco submitted to you its E&S and PCSM Plans (Plans) as part of the ESCGP-3 permit application notification. Transco provided an update in July 2021 indicating the Erosion and Sediment Control Permit for Discharges of Stormwater Associated with Construction Activities Application was submitted to the PA Dept. of Environmental Protection to replace the ESCGP-3 application. Transco has updated the application in response to the PADEP Technical Deficiencies and is providing the updated materials. Updated drawings, location maps, GIF form and Parcel ID tables are included.**

MUNICIPAL PLAN / ORDINANCE INFORMATION (COMPLETED BY MUNICIPALITY)		
1. Is there an adopted municipal or multi-municipal comprehensive plan?	☐ Yes	☐ No
2. Is there an enacted municipal or multi-municipal zoning ordinance?	☐ Yes	☐ No
3. If Yes to #2, is the proposed project consistent with the ordinance?	☐ Yes	☐ No
4. Is there a municipal stormwater management ordinance?	☐ Yes	☐ No
5. If Yes to #4, is the proposed project consistent with the ordinance, without waiver?	☐ Yes	☐ No

6. If Yes to #4, indicate type of ordinance: ☐ Act 167 Model Ordinance ☐ DEP Model Ordinance (MS4s) ☐ Other

APPLICANT CERTIFICATION	MUNICIPAL ACKNOWLEDGEMENT
I certify under penalty of law (see 18 Pa.C.S. § 4904 (relating to unsworn falsification)) that the information reported herein was prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the information, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.	The municipality acknowledges that a permit application for the above-referenced project has been submitted to a reviewing agency and that notification requirements of Act 14 of 1984 and Acts 67, 68, and 127 of 2000 have been satisfied. The information reported herein by the municipality is true and accurate. The municipality reserves the right to comment to the reviewing agency relative to comprehensive plans, zoning, and stormwater ordinance consistency. Municipal acknowledgment of receipt of notification shall not be construed as project approval.

Joseph Dean

Applicant Name

Applicant Signature

Manager - Permitting

Applicant Title

04/06/2022

Date of Signature

Municipal Representative Name

Municipal Representative Signature

Municipal Representative Title

Date of Signature

From: UPS
To: SFOX@WHMGROUP.COM
Subject: UPS Delivery Notification, Tracking Number 1Z8797VV0394157363
Date: Thursday, April 7, 2022 9:27:12 AM

Hello, your package has been delivered.

Delivery Date: Thursday, 04/07/2022
Delivery Time: 9:25 AM
Left At: RECEIVER
Signed by: CECHHINE

WHM CONSULTING, INC

Tracking Number:	1Z8797VV0394157363
Ship To:	LOWER MAKEFIELD TOWNSHIP SUPERVISOR 1100 EDGEWOOD ROAD YARDLEY, PA 19067 US
Number of Packages:	1
UPS Service:	UPS Ground
Package Weight:	1.0 LBS
Reference Number:	WILLIAMS-20-268

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Transcontinental Gas Pipe Line Company, LLC

Section 1-11 – General Information Form

Regional Energy Access Expansion Project

April 2021
(Added July 2021)
(Revised March 2022)

pennsylvania
DEPARTMENT OF ENVIRONMENTAL PROTECTION

COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION

GENERAL INFORMATION FORM – AUTHORIZATION APPLICATION

Before completing this General Information Form (GIF), read the step-by-step instructions provided in this application package. This form is used by the Department of Environmental Protection (DEP) to inform our programs regarding what other DEP permits or authorizations may be needed for the proposed project or activity. This version of the General Information Form (GIF) must be completed and returned with any program-specific application being submitted to the DEP.

Related ID#s (If Known)				DEP USE ONLY
Client ID#		**APS ID#**		Date Received & General Notes
Site ID#		**Auth ID#**		
Facility ID#				

CLIENT INFORMATION

DEP Client ID#	Client Type / Code	Dun & Bradstreet ID#
163321	LLC	

Legal Organization Name or Registered Fictitious Name	Employer ID# (EIN)	Is the EIN a SSN?
Transcontinental Gas Pipe Line Company, LLC	74-1079400	☐ Yes ☒ NO

State of Incorporation or Registration of Fictious Name

☐ Corporation ☒ LLC ☐ Partnership ☐ LLP ☐ LP
☐ Sole Proprietorship ☐ Association/Organization
☐ Estate/Trust ☐ Other

Individual Last Name	First Name	MI	Suffix

Additional Individual Last Name	First Name	MI	Suffix

Mailing Address Line 1	Mailing Address Line 2
2800 Post Oak Blvd, Level 11	

Address Last Line – City	State	ZIP+4	Country
Houston	TX	77056	United States

Client Contact Last Name	First Name	MI	Suffix
Dean	Joseph		

Client Contact Title	Phone	Ext	Cell Phone
Manager, Permitting	(713) 215-3427		

Email Address	FAX
Joseph.Dean@Williams.com	

SITE INFORMATION

DEP Site ID#	Site Name
	Regional Energy Access Expansion Project

EPA ID# **Estimated Number of Employees to be Present at Site**

Description of Site
The Project is an expansion of an existing natural gas transmission system consisting of pipelines, modification of three existing compressor stations and additional existing ancillary facilities.

Tax Parcel ID(s):

County Name(s)	Municipality(ies)	City	Boro	Twp	State
Luzerne	Buck, Bear Creek, Plains, Jenkins, Kingston, Dallas, Wyoming, West Wyoming, Laflin	☐	☒	☒	PA
Monroe	Ross, Chestnuthill, Tunkhannock	☐	☐	☒	PA
Northampton	Lower Mt. Bethel	☐	☐	☒	PA
Bucks	Lower Makefield	☐	☐	☒	PA
Chester	East Whiteland	☐	☐	☒	PA
		☐	☐	☒	PA
		☐	☒	☐	PA

Site Location Line 1	Site Location Line 2
See Section 1.1 - GIF Supporting Information	

Site Location Last Line – City	State	ZIP+4

Detailed Written Directions to Site
See Secton 1.1 - GIF Supporting Information for locations of all project sites.

Site Contact Last Name	First Name	MI	Suffix
Henry	Josh		

Site Contact Title	Site Contact Firm
Environmental Specialist	Transcontinental Gas Pipe Line Company, LLC.

Mailing Address Line 1	Mailing Address Line 2
2000 Commerce Drive, Park Place 2	

Mailing Address Last Line – City	State	ZIP+4
Pittsburgh	PA	15275

Phone	Ext	FAX	Email Address
(412) 787- 4277			Josh.Henry@Williams.com

NAICS Codes (Two- & Three-Digit Codes – List All That Apply) **6-Digit Code** (Optional)
221

Client to Site Relationship
OWNOP

FACILITY INFORMATION

Modification of Existing Facility	Yes	No
1. **Will this project modify an existing facility, system, or activity?**	☒	☐
2. **Will this project involve an addition to an existing facility, system, or activity?**	☒	☐

If "Yes", check all relevant facility types and provide DEP facility identification numbers below.

	Facility Type	DEP Fac ID#		Facility Type	DEP Fac ID#
☐	Air Emission Plant		☐	Industrial Minerals Mining Operation	
☐	Beneficial Use (water)		☐	Laboratory Location	
☐	Blasting Operation		☐	Land Recycling Cleanup Location	
☐	Captive Hazardous Waste Operation		☐	Mine Drainage Treatment / Land Recycling Project Location	
☐	Coal Ash Beneficial Use Operation		☐	Municipal Waste Operation	
☐	Coal Mining Operation		☐	Oil & Gas Encroachment Location	
☐	Coal Pillar Location		☐	Oil & Gas Location	
☐	Commercial Hazardous Waste Operation		☐	Oil & Gas Water Poll Control Facility	
☐	Dam Location		☐	Public Water Supply System	
☐	Deep Mine Safety Operation -Anthracite		☐	Radiation Facility	
☐	Deep Mine Safety Operation -Bituminous		☐	Residual Waste Operation	
☐	Deep Mine Safety Operation -Ind Minerals		☐	Storage Tank Location	
☐	Encroachment Location (water, wetland)		☐	Water Pollution Control Facility	
☐	Erosion & Sediment Control Facility		☐	Water Resource	
☐	Explosive Storage Location		☒	Other: Natural Gas Transmission	

Latitude/Longitude Point of Origin	Latitude Degrees	Latitude Minutes	Latitude Seconds	Longitude Degrees	Longitude Minutes	Longitude Seconds
See Section 1.1 - GIF Supporting Information						

Horizontal Accuracy Measure	Feet	*--or--*	Meters
Horizontal Reference Datum Code	☐ North American Datum of 1927 ☒ North American Datum of 1983 ☐ World Geodetic System of 1984		
Horizontal Collection Method Code	GISDR		
Reference Point Code	CNTAR		
Altitude	Feet	*--or--*	Meters
Altitude Datum Name	☐ The National Geodetic Vertical Datum of 1929 ☒ The North American Vertical Datum of 1988 (NAVD88)		
Altitude (Vertical) Location Datum Collection Method Code	TOPO		

Geometric Type Code	POINT				
Data Collection Date	2020				
Source Map Scale Number	1	Inch(es)	=	2,000	Feet
--or--		Centimeter(s)	=		Meters

PROJECT INFORMATION

Project Name
Regional Energy Access Expansion Project

Project Description
The Project is an expansion of Transco's existing natural gas transmission system that will enable Transco to provide an incremental 829,400 dekatherms per day (Dth/d) of year-round firm transportation capacity from the Marcellus Shale production area in northeastern Pennsylvania (PA) to multiple delivery points along Transco's Leidy Line in PA, Transco's mainline at the Station 210 Zone 6 Pooling Point in Mercer County, New Jersey (NJ) and multiple delivery points in Transco's Zone 6 in NJ, PA, and Maryland (MD). The Project will consist of the following components:

• Approximately 22.2 miles of 30-inch-diameter pipeline partially collocated with Transco's Leidy Line A from milepost (MP) 0.00 to MP 22.32 in Luzerne County, PA (Regional Energy Lateral);

• Approximately 13.8 miles of 42-inch-diameter pipeline collocated with Transco's Leidy Line System from MP 43.72 to MP 57.50 in Monroe County, PA (Effort Loop);

• New electric motor-driven compressor station identified as Compressor Station 201 with 9,000 nominal horsepower (HP) in Gloucester County, NJ;

• Addition of two gas-fired turbine driven compressor units with 31,800 nominal HP at ISO conditions at existing Compressor Station 505 in Somerset County, NJ, to accommodate the abandonment and replacement of approximately 16,000 HP from eight existing internal combustion engine-driven compressor units and increase the certificated station compression by 15,800 HP;

• Addition of two gas-fired turbine driven compressor units with 63,742 nominal HP at ISO conditions and modification of three existing compressors at existing Compressor Station 515 in Luzerne County, PA to support the Project and to accommodate the abandonment and replacement of approximately 17,000 HP from five existing gas-fired reciprocating engine driven compressors and increase the certificated station compression by 46,742 HP;

• Uprate and rewheel two existing electric motor-driven compressor units at existing Compressor Station 195 in York County, PA to increase the certificated station compression by 6,000 HP and accommodate the abandonment of two existing gas-fired reciprocating engine driven compressors, which total approximately 8,000 HP;

• Modifications at existing Compressor Station 200 in Chester County, PA;

• Uprate one existing electric motor-driven compressor unit at Compressor Station 207 in Middlesex County, NJ to increase the certificated station compression by 4,100 HP;

• Modifications to three (3) existing pipeline tie-ins in PA (Hildebrandt Tie-in, Lower Demunds REL Tie-in, and Carverton Tie-in);

• Addition of regulation controls at an existing valve setting on Transco's Mainline "A" in Bucks County, PA (Mainline A Regulator);

• Modifications at the existing Delaware River Regulator in Northampton County, PA;

• Modifications at the existing Centerville Regulator in Somerset County, NJ;

• Modifications to the existing valves and piping at the Princeton Junction (Station 210 Pooling Point) in Mercer County, NJ;

• Modifications to three (3) existing delivery meter stations in NJ (Camden M&R Station, Lawnside M&R Station, and Mt. Laurel M&R Station);

• Modifications to one (1) existing delivery meter station in MD (Beaver Dam M&R Station);

• Contractual changes (no modifications) at ten (10) existing delivery meter stations in PA and NJ (Algonquin-Centerville Meter Station, Post Road Meter Station, New Village Meter Station, Spruce Run Meter Station, Marcus Hook Meter Station, Ivyland Meter Station, Repaupo Meter Station, Morgan Meter Station, Lower Mud Run Meter Station, and Chesterfield Meter Station);

• Additional ancillary facilities, such as mainline valves (MLVs), cathodic protection, communication facilities, and internal inspection device (e.g., pig) launchers and receivers in PA; and

• Existing, improved, and new access roads and contractor yards/staging areas in PA, NJ, and MD.

In an ongoing effort to reduce its air emissions footprint, Transco is assessing the replacement of vintage gas-fired reciprocating engine driven compressors with more efficient state-of-the-art gas-fired turbine driven compressors. The proposed compression abandonment and replacement scopes at Transco's existing Compressor Station 505 and Compressor Station 515 are part of this effort and have been adopted into the Project scope. Additionally, the uprate and optimization of existing electric motor-driven compression to accommodate abandonment of gas-fired reciprocating engine driven compression at Compressor Station 195 has also been adopted into the Project scope.

The Algonquin-Centerville, Post Road, New Village, Spruce Run, Marcus Hook, Ivyland, Repaupo, Morgan, Lower Mud Run, and Chesterfield Meter Stations can accommodate the contractual changes proposed as part of this Project; therefore, no modifications are proposed at these facilities

Project Consultant Last Name	**First Name**	**MI**	**Suffix**
Nelson	Ryan		

Project Consultant Title	**Consulting Firm**
Senior Project Manager	WHM Consulting, LLC

Mailing Address Line 1	**Mailing Address Line 2**
2525 Green Tech Drive; Suite B	

Address Last Line – City	**State**	**ZIP+4**
State College	PA	16803

Phone	**Ext**	**FAX**	**Email Address**
(814) 689-1650	102		ryann@whmgroup.com

Time Schedules	**Project Milestone (Optional)**
March 2021	Submit 401 WQC
April 2021	Submit Chapter 102 / 105 Permits
2nd Quarter of 2023	Commence Construction
4th Quarter 2024	In-service Date

1. Is the project located in or within a 0.5-mile radius of an Environmental Justice community as defined by DEP? ☒ Yes ☐ No

To determine if the project is located in or within a 0.5-mile radius of an environmental justice community, please use the online Environmental Justice Areas Viewer.

2. Have you informed the surrounding community prior to submitting the application to the Department? ☒ Yes ☐ No

Method of notification:

1) Open house schedule mailed to affected parties;

2) Newspaper advertisements of open houses placed in newspapers of general circulation in the Project area;

3) Open houses (a mixture of virtual and in-person) held in the county of each major project scope item;
4) Newspaper advertisements prior to commencement of construction, which will be placed in those same publications;
5) Notification to businesses potentially affected by construction;
6) Designation of a point of contact for stakeholder communication;
7) A Project toll free telephone number for public inquiries; and
•8) A Project website with periodic updates of relevant information.

3. Have you addressed community concerns that were identified? ☒ Yes ☐ No ☐ N/A

If no, please briefly describe the community concerns that have been expressed and not addressed.

4. Is your project funded by state or federal grants? ☐ Yes ☒ No

Note: If "Yes", specify what aspect of the project is related to the grant and provide the grant source, contact person and grant expiration date.

Aspect of Project Related to Grant
Grant Source: _____
Grant Contact Person: _____
Grant Expiration Date: _____

5. Is this application for an authorization on Appendix A of the Land Use Policy? (For referenced list, see Appendix A of the Land Use Policy attached to GIF instructions) ☒ Yes ☐ No

Note: If "No" to Question 5, the application is not subject to the Land Use Policy.
If "Yes" to Question 5, the application is subject to this policy and the Applicant should answer the additional questions in the **Land Use Information** section.

LAND USE INFORMATION

Note: Applicants should submit copies of local land use approvals or other evidence of compliance with local comprehensive plans and zoning ordinances.

1.	**Is there an adopted county or multi-county comprehensive plan?**	☒	Yes	☐	No
2.	**Is there a county stormwater management plan?**	☒	Yes	☐	No
3.	**Is there an adopted municipal or multi-municipal comprehensive plan?**	☒	Yes	☐	No
4.	**Is there an adopted county-wide zoning ordinance, municipal zoning ordinance or joint municipal zoning ordinance?**	☒	Yes	☐	No
5.	**Does the proposed project meet the provisions of the zoning ordinance or does the proposed project have zoning approval?** If zoning approval has been received, attach documentation.	☒	Yes	☐	No
6.	**Have you attached Municipal and County Land Use Letters for the project?**	☐	Yes	☒	No

Note: If the Applicant answers "No" to either Questions 1, 3 or 4, the provisions of the PA MPC are not applicable and the Applicant does not need to respond to questions 5 and 6 below.
If the Applicant answers "Yes" to questions 1, 3 and 4, the Applicant should respond to questions 5 and 6 below.

* This Project is regulated by the Federal Energy Regulatory Commission (FERC) under the Natural Gas Act. FERC has exclusive jurisdiction over siting of the Project, therefore, local zoning is preempted.

COORDINATION INFORMATION

Note: The PA Historical and Museum Commission must be notified of proposed projects in accordance with DEP Technical Guidance Document 012-0700-001 utilizing the Project Review Form.

If the activity will be a mining project (i.e., mining of coal or industrial minerals, coal refuse disposal and/or the operation of a coal or industrial minerals preparation/processing facility), respond to questions 1.0 through 2.5 below.

If the activity will not be a mining project, skip questions 1.0 through 2.5 and begin with question 3.0.

1.0	**Is this a coal mining project?** If "Yes", respond to 1.1-1.6. If "No", skip to Question 2.0.	☐	Yes	☒	No
1.1	**Will this coal mining project involve coal preparation/ processing activities in which the total amount of coal prepared/processed will be equal to or greater than 200 tons/day?**	☐	Yes	☐	No
1.2	**Will this coal mining project involve coal preparation/ processing activities in which the total amount of coal prepared/processed will be greater than 50,000 tons/year?**	☐	Yes	☐	No
1.3	**Will this coal mining project involve coal preparation/ processing activities in which thermal coal dryers or pneumatic coal cleaners will be used?**	☐	Yes	☐	No
1.4	**For this coal mining project, will sewage treatment facilities be constructed and treated waste water discharged to surface waters?**	☐	Yes	☐	No
1.5	**Will this coal mining project involve the construction of a permanent impoundment meeting one or more of the following criteria: (1) a contributory drainage area exceeding 100 acres; (2) a depth of water measured by the upstream toe of the dam at maximum storage elevation exceeding 15 feet; (3) an impounding capacity at maximum storage elevation exceeding 50 acre-feet?**	☐	Yes	☐	No
1.6	**Will this coal mining project involve underground coal mining to be conducted within 500 feet of an oil or gas well?**	☐	Yes	☐	No
2.0	**Is this a non-coal (industrial minerals) mining project?** If "Yes", respond to 2.1-2.6. If "No", skip to Question 3.0.	☐	Yes	☒	No
2.1	**Will this non-coal (industrial minerals) mining project involve the crushing and screening of non-coal minerals other than sand and gravel?**	☐	Yes	☐	No
2.2	**Will this non-coal (industrial minerals) mining project involve the crushing and/or screening of sand and gravel with the exception of wet sand and gravel operations (screening only) and dry sand and gravel operations with a capacity of less than 150 tons/hour of unconsolidated materials?**	☐	Yes	☐	No
2.3	**Will this non-coal (industrial minerals) mining project involve the construction, operation and/or modification of a portable non-metallic (i.e., non-coal) minerals processing plant under the authority of the General Permit for Portable Non-metallic Mineral Processing Plants (i.e., BAQ-PGPA/GP-3)?**	☐	Yes	☐	No
2.4	**For this non-coal (industrial minerals) mining project, will sewage treatment facilities be constructed and treated waste water discharged to surface waters?**	☐	Yes	☐	No
2.5	**Will this non-coal (industrial minerals) mining project involve the construction of a permanent impoundment meeting one or more of the following criteria: (1) a contributory drainage area exceeding 100 acres; (2) a depth of water measured by the upstream toe of the dam at maximum storage elevation exceeding 15 feet; (3) an impounding capacity at maximum storage elevation exceeding 50 acre-feet?**	☐	Yes	☐	No

3.0	**Will your project, activity, or authorization have anything to do with a well related to oil or gas production, have construction within 200 feet of, affect an oil or gas well, involve the waste from such a well, or string power lines above an oil or gas well?** If "Yes", respond to 3.1-3.3. If "No", skip to Question 4.0.	☐	Yes	☒	No
3.1	**Does the oil- or gas-related project involve any of the following: placement of fill, excavation within or placement of a structure, located in, along, across or projecting into a watercourse, floodway or body of water (including wetlands)?**	☐	Yes	☐	No
3.2	**Will the oil- or gas-related project involve discharge of industrial wastewater or stormwater to a dry swale, surface water, ground water or an existing sanitary sewer system or storm water system?** If "Yes", discuss in *Project Description*.	☐	Yes	☐	No
3.3	**Will the oil- or gas-related project involve the construction and operation of industrial waste treatment facilities?**	☐	Yes	☐	No
4.0	**Will the project involve a construction activity that results in earth disturbance?** If "Yes", specify the total disturbed acreage.	☒	Yes	☐	No
	4.0.1 Total Disturbed Acreage + / - 672				
	4.0.2 Will the project discharge or drain to a special protection water (EV or HQ) or an EV wetland?	☒	Yes	☐	No
	4.0.3 Will the project involve a construction activity that results in earth disturbance in the area of the earth disturbance that are contaminated at levels exceeding residential or non-residential medium-specific concentrations (MSCs) in 25 Pa. Code Chapter 250 at residential or non-residential construction sites, respectively?	☐	Yes	☒	No
5.0	**Does the project involve any of the following: water obstruction and/or encroachment, wetland impacts, or floodplain project by the Commonwealth/political subdivision or public utility?** If "Yes", respond to 5.1-5.7. If "No", skip to Question 6.0.	☒	Yes	☐	No
5.1	**Water Obstruction and Encroachment Projects – Does the project involve any of the following: placement of fill, excavation within or placement of a structure, located in, along, across or projecting into a watercourse, floodway or body of water?**	☒	Yes	☐	No
5.2	**Wetland Impacts – Does the project involve any of the following: placement of fill, excavation within or placement of a structure, located in, along, across or projecting into a wetland?**	☒	Yes	☐	No
5.3	**Floodplain Projects by the Commonwealth, a Political Subdivision of the Commonwealth or a Public Utility – Does the project involve any of the following: placement of fill, excavation within or placement of a structure, located in, along, across or projecting into a floodplain?**	☐	Yes	☒	No
5.4	**Is your project an interstate transmission natural gas pipeline?**	☒	Yes	☐	No
5.5	**Does your project consist of linear construction activities which result in earth disturbance in two or more DEP regions AND three or more counties?**	☒	Yes	☐	No
5.6	**Does your project utilize Floodplain Restoration as a best management practice for Post Construction Stormwater Management?**	☐	Yes	☒	No
5.7	**Does your project utilize Class V Gravity / Injection Wells as a best management practice for Post Construction Stormwater Management?**	☐	Yes	☒	No
6.0	**Will the project involve discharge of construction related stormwater to a dry swale, surface water, ground water or separate storm water system?**	☒	Yes	☐	No

6.1	**Will the project involve discharge of industrial waste stormwater or wastewater from an industrial activity or sewage to a dry swale, surface water, ground water or an existing sanitary sewer system or separate storm water system?**	☒	Yes	☐	No
7.0	**Will the project involve the construction and operation of industrial waste treatment facilities?**	☐	Yes	☒	No
8.0	**Will the project involve construction of sewage treatment facilities, sanitary sewers, or sewage pumping stations?** If "Yes", indicate estimated proposed flow (gal/day). Also, discuss the sanitary sewer pipe sizes and the number of pumping stations/treatment facilities/name of downstream sewage facilities in the *Project Description*, where applicable.	☐	Yes	☒	No
	8.0.1 Estimated Proposed Flow (gal/day)				
9.0	**Will the project involve the subdivision of land, or the generation of 800 gpd or more of sewage on an existing parcel of land or the generation of an additional 400 gpd of sewage on an already-developed parcel, or the generation of 800 gpd or more of industrial wastewater that would be discharged to an existing sanitary sewer system?**	☐	Yes	☒	No
	9.0.1 Was Act 537 sewage facilities planning submitted and approved by DEP? If "Yes" attach the approval letter. Approval required prior to 105/NPDES approval.	☐	Yes	☐	No
10.0	**Is this project for the beneficial use of biosolids for land application within Pennsylvania?** If "Yes" indicate how much (i.e. gallons or dry tons per year).	☐	Yes	☒	No
	10.0.1 Gallons Per Year (residential septage)				
	10.0.2 Dry Tons Per Year (biosolids)				
11.0	**Does the project involve construction, modification or removal of a dam?** If "Yes", identify the dam.	☐	Yes	☒	No
	11.0.1 Dam Name				
12.0	**Will the project interfere with the flow from, or otherwise impact, a dam?** If "Yes", identify the dam.	☐	Yes	☒	No
	12.0.1 Dam Name				
13.0	**Will the project involve operations (excluding during the construction period) that produce air emissions (i.e., NOX, VOC, etc.)?**	☒	Yes	☐	No
	13.0.1 If "Yes", is the operation subject to the agricultural exemption in 35 P.S. § 4004.1?	☐	Yes	☒	No

13.0.2 If the answer to 13.0.1 is "No", identify each type of emission followed by the estimated amount of that emission.

Enter all types & amounts of emissions; separate each set with semicolons.

Summary of Compressor Station 515 Estimated Net Operational Potential to Emit (PTE): NOx - 196.8; CO - 314.40; VOC - 50.6; SO2 - 14.0; PM10/PM2.5 - 30.6; Single HAP (formaldehyde)- 8.7; Total HAP - 12.2; CO2e - 511,413 = Annual (tpy)

Summary of Pipeline and M&R Station Estimated Operational Potential to Emit (PTE): VOC - 1.17; Single HAP - 0.20; Total HAP - 0.20; CO2e - 5460.47 = Annual (tpy)

Modifications to Compressor Station 195 and Compressor Station 200 only include uprating existing electric motor-driven compression capacity or piping and valve modifications; therefore, Transco anticipates these facilities will have insignificant operational emissions.

14.0	**Does the project include the construction or modification of a drinking water supply to serve 15 or more connections or 25 or more people, at least 60 days out of the year?** If "Yes", check all proposed sub-facilities.	☐	Yes	☒	No
	14.0.1 Number of Persons Served _____				
	14.0.2 Number of Employee/Guests _____				
	14.0.3 Number of Connections _____				
	14.0.4 Sub-Fac: Distribution System	☐	Yes	☐	No
	14.0.5 Sub-Fac: Water Treatment Plant	☐	Yes	☐	No
	14.0.6 Sub-Fac: Source	☐	Yes	☐	No
	14.0.7 Sub-Fac: Pump Station	☐	Yes	☐	No
	14.0.8 Sub Fac: Transmission Main	☐	Yes	☐	No
	14.0.9 Sub-Fac: Storage Facility	☐	Yes	☐	No
15.0	**Will your project include infiltration of storm water or waste water to ground water within one-half mile of a public water supply well, spring or infiltration gallery?**	☒	Yes	☐	No
16.0	**Is your project to be served by an existing public water supply?** If "Yes", indicate name of supplier and attach letter from supplier stating that it will serve the project.	☐	Yes	☒	No
	16.0.1 Supplier's Name _____				
	16.0.2 Letter of Approval from Supplier is Attached	☐	Yes	☐	No
17.0	**Will this project be served by on-lot drinking water wells?**	☐	Yes	☒	No
18.0	**Will this project involve a new or increased drinking water withdrawal from a river, stream, spring, lake, well or other water bod(ies)?** If "Yes", reference Safe Drinking Water Program.	☐	Yes	☒	No
	18.0.1 Source Name				
19.0	**Will the construction or operation of this project involve treatment, storage, reuse, or disposal of waste?** If "Yes", indicate what type (i.e., hazardous, municipal (including infectious & chemotherapeutic), residual) and the amount to be treated, stored, re-used or disposed.	☐	Yes	☒	No
	19.0.1 Type & Amount				
20.0	**Will your project involve the removal of coal, minerals, contaminated media, or solid waste as part of any earth disturbance activities?**	☐	Yes	☒	No
21.0	**Does your project involve installation of a field constructed underground storage tank?** If "Yes", list each Substance & its Capacity. **Note:** Applicant may need a Storage Tank Site Specific Installation Permit.	☐	Yes	☒	No
	21.0.1 Enter all substances & capacity of each; separate each set with semicolons.				
22.0	**Does your project involve installation of an aboveground storage tank greater than 21,000 gallons capacity at an existing facility?** If "Yes", list each Substance & its Capacity. **Note:** Applicant may need a Storage Tank Site Specific Installation Permit.	☐	Yes	☒	No
	22.0.1 Enter all substances & capacity of each; separate each set with semicolons.				
23.0	**Does your project involve installation of a tank greater than 1,100 gallons which will contain a highly hazardous substance as defined in DEP's Regulated Substances List, 2570-BK-DEP2724?** If "Yes", list each Substance & its Capacity. **Note:** Applicant may need a Storage Tank Site Specific Installation Permit.	☐	Yes	☒	No
	23.0.1 Enter all substances & capacity of each; separate each set with semicolons.				

24.0	**Does your project involve installation of a storage tank at a new facility with a total AST capacity greater than 21,000 gallons?** If "Yes", list each Substance & its Capacity. **Note:** Applicant may need a Storage Tank Site Specific Installation Permit. **24.0.1 Enter all substances & capacity of each; separate each set with semicolons.**	☐	Yes	☒	No

NOTE: If the project includes the installation of a regulated storage tank system, including diesel emergency generator systems, the project may require the use of a Department Certified Tank Handler. For a full list of regulated storage tanks and substances, please go to www.dep.pa.gov search term storage tanks

25.0	**Will the intended activity involve the use of a radiation source?**	☐	Yes	☒	No

CERTIFICATION

I certify that I have the authority to submit this application on behalf of the applicant named herein and that the information provided in this application is true and correct to the best of my knowledge and information.

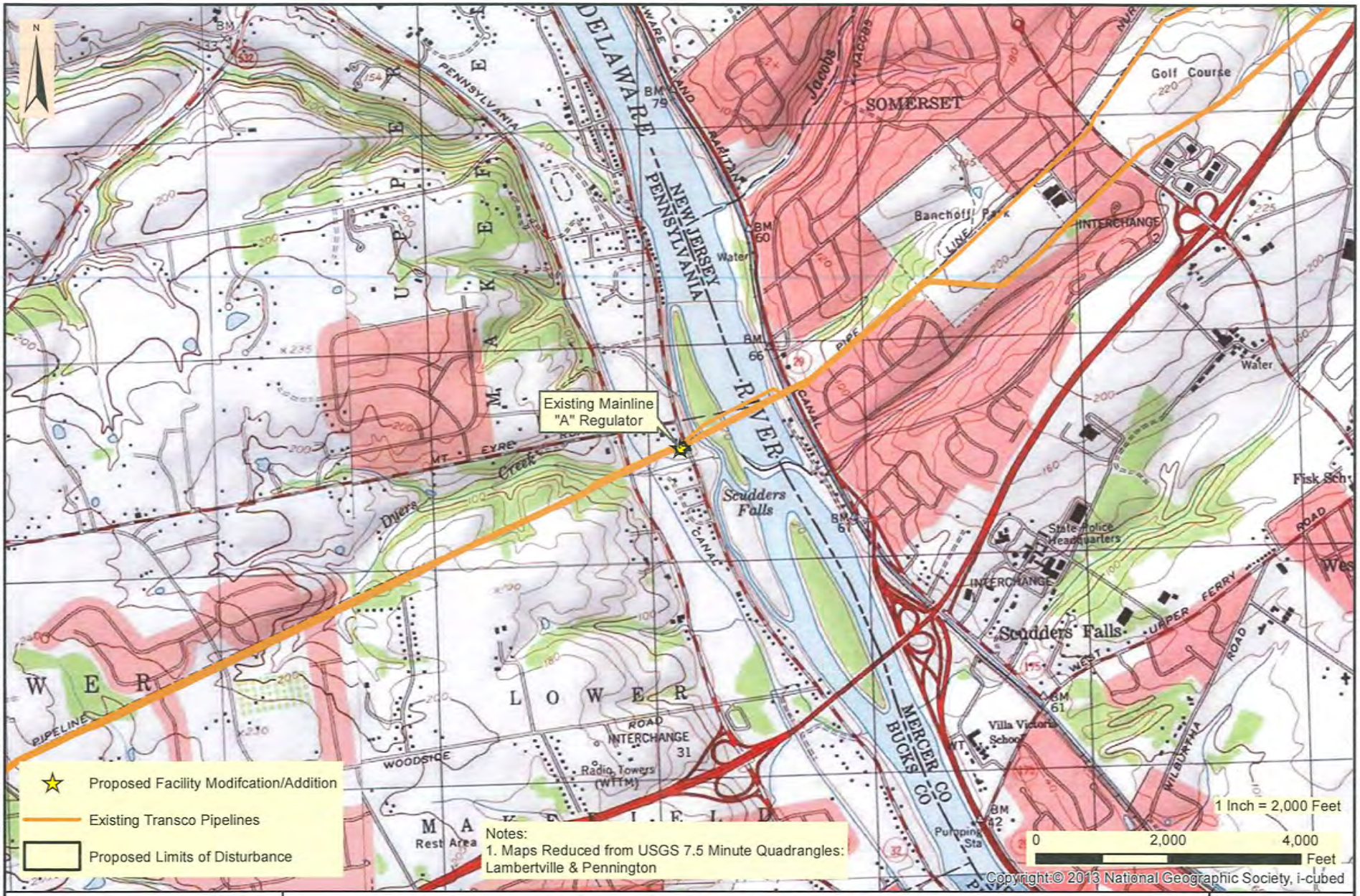
For applicants supplying an EIN number: I am applying for a permit or authorization from the Pennsylvania Department of Environmental Protection (DEP). As part of this application, I will provide DEP with an accurate EIN number for the applicant entity. By filing this application with DEP, I hereby authorize DEP to confirm the accuracy of the EIN number provided with the Pennsylvania Department of Revenue. As applicant, I further consent to the Department of Revenue discussing the same with DEP prior to issuance of the Commonwealth permit or authorization.

Type or Print Name Joseph Dean

Signature	Title	Date
	Manager, Permitting	02/24/2022

GIF Supporting Information

Project Component	Site	Site Location City	ZIP Code	Detailed Written Directions to Site	Latitude / Longitude
Effort Loop	Eastern Terminus	Saylorsburg	18353	From 209: heading East – Turn Right onto Frable Rd/T432. Follow for 1.7 miles. Turn Right onto Meixsell Valley Road/T361. Follow for .2 miles then turn left. Destination is in ~340 feet. Heading West-Turn Left onto Rte 115. Follow for 1.1 miles, then turn right onto Meixsell Valley Rd/T361. Continue for 1.4 miles then turn left. Destination is in ~340 feet.	40.896796, -75.370606
	Western Terminus	Long Pond	18334	From I-80: Heading East- Take exit 284 for PA-115 towards Blakeslee. Keep right at the fork, follow signs for Lake Harmony/Brodheadsville and merge on PA-115 S. Follow for 3.2 miles. Turn Left onto Long Pond Road. Destination will be in ~.2 miles. Heading West- Take exit 384 for PA-115 S. Turn left onto PA-115 S. Follow for 3.4 miles. Turn Left onto Long Pond Rd. Destination will be in ~.2 miles.	41.053413, -75.526178
Regional Energy Lateral	Eastern Terminus	White Haven	18661	From I-80: Heading West-Take exit 284 towards Blakeslee. Merge onto PA-115 N. Follow for 8.2 Miles. Turn Right onto Ridgeway Ave. Destination will be in .2 miles. Heading East- Take exit 284 towards Blakeslee. Turn left onto PA-115 N. Follow for 8.4 miles. Turn Right onto Ridgeway Ave. Destination will be in .2 miles. From I-476: Heading South- Take exit 105 to merge onto PA-115 S. Follow PA-115 S for 8.4 miles. Turn left onto Ridgeway Ave. Destination will be in .2 Miles	41.173337, -75.671706
	Western Terminus	Dallas	18612	From PA-309: Heading South-Head South on PA-309 S toward Dallas RV and MHP. Turn Left onto Hildebrandt Rd. Follow for .4 miles then turn right onto Conyngham Ave. Follow for .4 miles. Continue onto Fairground Road. Destination will be to the left in .2 Miles. Heading North-Head North on PA-309 N toward Grandview Ave. Turn right onto Hildebrandt Rd. Follow for .4 miles then turn right onto Conyngham Ave. Follow for .4 miles. Continue onto Fairground Road. Destination will be to the left in .2 Miles.	41.346917, -75.946263
Compressor Station 515		White Haven	18661	Same as REL Eastern Terminus	41.173337, -75.671706
Compressor Station 200		Frazer	19355	From I-76: East Bound- Take exit 312 toward PA-100 S/Pottstown Pike (Toll Rd). Keep left at the fork and follow signs for PA-100 S/Downingtown and merge onto PA-100 S/Pottstown Pike. Follow for 2.5 miles. Turn left onto N. Ship Rd and follow for .6 miles. Turn left onto Valley Hill Rd and follow for 1.7 miles. Turn right onto PA-401 E. Follow for .5 miles then turn right onto Bacton Hill Rd. Destination will be in .5 Miles. Heading West-Take exit 320 toward Melvern Turn left onto PA-29 S. Turn right at the 1st cross street onto Flat Rd. Turn right onto Sidley Road and then in .4 miles, turn left onto Phoenixville Pike. In .9 miles turn right onto PA-401 W and follow for 1 mile. Turn left onto N. Bacton Hill Road. Destination will be on the right in .5 miles.	40.049969, -75.585849
Delaware River Regulator/Lower Mud Run Meter Station		Easton	18040	To Delaware River Regulator- From 22: East Bound- Take the 4th Street/PA-248 Exit toward PA-611. Turn Left onto PA-248 E/Bushkill St. Follow for .4 miles then turn left onto PA-611 N. Keep right to continue on PA-611 N/N Delaware Dr and follow for 5 miles. Turn Left onto Lower Mud Run Rd. Destination will be on the left in .4 miles. To Lower Mud Run Meter Station- Head +/- 200' northwest from the Delaware River Regulator. The site is immediately adjacent to Delaware River Regulator.	40.762166, -75.19644/ 40.762706, -75.197631
Main Line A Regulator		Washington Crossing	18977	From I-295: Take exit 10 toward New Hope. Turn left onto Taylorsville Rd. Continue straight to stay on Taylorsville Rd. In .9 miles turn right onto Mt Eyre Rd. Follow for .2 miles then turn right onto PA-32 S. The destination will be on the right in 407 feet.	40.268063, -74.857125



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Williams®

TRANSCONTINENTAL GAS PIPE LINE COMPANY, LLC

REGIONAL ENERGY ACCESS EXPANSION PROJECT

EXISTING MAINLINE "A" REGULATOR

PROJECT LOCATION MAP

LOWER MAKEFIELD TOWNSHIP | BUCKS COUNTY | PENNSYLVANIA

Date: 2/10/2022

Drawn By: FTN

Figure Number: MLA-1