Joint Permit Application

Pennsylvania Water Obstruction and Encroachment Permit and U.S. Army Corps of Engineers Section 404 Permit

Pennsylvania Pipeline Project

Westmoreland County

December 2016

Submitted by:

Sunoco Pipeline L.P. 535 Fritztown Road Sinking Spring, PA 19608



Prepared by:

Tetra Tech, Inc. 301 Ellicott Street Buffalo, NY 14203



Pennsylvania Pipeline Project

JOINT PERMIT APPLICATION Pennsylvania Water Obstruction and Encroachment Permit and U.S. Army Corps of Engineers Section 404 Permit

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Joint Application Form (Form 3150-PM-BWEW0036A)

Supplemental Information

Section F Attachments:

- 1. General Information Form (Requirement A)
- 2. Application Fee & Worksheet (Requirement B)
- 3. Act 14 Notification (Requirement C)
- 4. Cultural Resource Notice (Requirement D)
- 5. PASPGP-4 Cumulative Screening Form (Requirement E)
- 6. PNDI & Agency Coordination (Requirements F & G) *Under Separate Cover*
 - Tab 6A Bog Turtle Habitat Screening *Not Applicable*
 - Tab 6B Threatened/Endangered Species Correspondence
 - Tab 6C Additional Agency Correspondence
- 7. Site Plans (Requirement H)
 - Tab 7A Aerial Site Plans
 - Tab 7B Horizontal Directional Drill Drawings and ATONs
 - Tab 7C Auger Bore Drawings
 - Tab 7D Site-Specific Drawings (located in E&S Plan Sheet set)
 - Tab 7E Change Summary and Map Set
 - Tab 7F 8 Inch Overlap Map Set
 - Tab 7G Site-Specific Cross Sections
- 8. Location Map (Requirement I)
- 9. Project Description (Requirement J)
- 10. Color Photographs (Requirement K)
- 11. Environmental Assessment (Requirement L)
 - EAF Form
 - Tables Wetland & Stream Fee and Impact Tables

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- Enclosure A Aquatic Resource Report and Supplementals
- Enclosure B Land Use Maps
- Enclosure C Description of Aquatic Resources and Wetlands Functions and Values Assessment
- Enclosure D Project Impacts
- Enclosure E Comprehensive Environmental Evaluation
 - o Part 1 Comprehensive Environmental Evaluation Summary
 - o Part 2 Resource Identification and Project Impacts
 - Part 3 Alternatives Analysis (includes Trenchless Construction Feasibility Analysis) - *Under Separate Cover*
 - Part 4 Impact Avoidance, Minimization, and Mitigation Procedures
 - o Part 5 Antidegradation Analysis
 - o Part 6 Cumulative Impacts Assessment
- Enclosure F Permittee-Responsible Compensatory Wetland Mitigation Plan
- 12. Erosion & Sediment Control Plan (Requirement M) *Under Separate Cover*
 - Tab 12A Preparedness, Prevention and Contingency
 - Tab 12B Water Supply Assessment, Preparedness, Prevention and Contingency Plan
 - Tab 12C Inadvertent Return Assessment, Preparedness, Prevention and Contingency Plan (with HDD Risk Assessment Attached)
 - Tab 12D Void Mitigation Plan for Karst Terrain and Underground Mining
- 13. Hydrologic & Hydraulic Analysis (Requirement N)
- 14. Stormwater and Floodplain Management Analysis (Requirements O and P)
- 15. Risk Assessment (Requirement Q)
- 16. Professional Engineer's Seal/Certification (Requirement R)

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