

# Joint Permit Application

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

## Pennsylvania Pipeline Project

**Lancaster 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

---

**TABLE OF CONTENTS**

**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
  - 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 Section
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

- 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
    - Part 1 – Comprehensive Environmental Evaluation Summary
    - 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
    - Part 5 – Antidegradation Analysis
    - 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)