

Joint Permit Application

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

Pennsylvania Pipeline Project

Allegheny 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 – *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

- 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)