



PITT-04-19-005

April 2, 2019

By FEDERAL EXPRESS

Mr. Edward J. Muzic, P.E.
Civil Engineer Manager
Department of Environmental Protection
Waterways and Wetlands – South Central Regional Office
909 Elmerton Avenue
Harrisburg, PA 17110

**Re: Incompleteness Review – Horse Valley Road HDD
Pennsylvania Pipeline Project Major Mod
Application No. E50-258
APS NO. 879354
Toboyne and Jackson Townships, Perry County**

Dear Mr. Muzic:

On behalf of our client, Sunoco Pipeline L.P. (SPLP), Tetra Tech, Inc. provides the following responses to the Pennsylvania Department of Environmental Protection (DEP) Incompleteness Review letter dated March 22, 2019, regarding the above-referenced Chapter 105 Major Amendment – a proposed reroute around the Horse Valley Road HDD. The supporting attachments represent clarifications or revisions to the original modification request. We are providing three hard copies and three CDs containing this letter and supporting attachments.

For ease of your review, each DEP item is set forth verbatim below, followed by a narrative response with supporting attachments.

Comments and Responses to March 22, 2019 Incompleteness Review Letter

1.	Provide a GIF Form which is signed. <i>[Joint Permit Application Instructions]</i>	Attachment A includes a signed GIF form.
2.	The application fee provided is only for the disturbed acres portion of the fee and does not include the \$500 fee for the Major Amendment Application. Provide a revised fee calculation worksheet and the additional necessary application fee. <i>[Joint Permit Application Instructions, 105.13 (c)(2)]</i>	The \$6,500 fee provided was derived from the Fee Calculation Worksheet as follows: \$500 (application fee), \$1,200 (temporary disturbance), and \$4,800 (permanent disturbance). Please refer to Attachment H of the permit modification application for additional details.
3.	Provide a map showing the location and orientation of the color photographs. <i>[Joint Permit Application Instruction, 105.13 (e)(l)(iv)]</i>	Attachment B includes a map showing the location and orientation of the color photographs, as well as a revised photolog with the photographs numbered and linked to the map.

4.	Provide proof of receipt of the cultural resource notice to PHMC and a review letter from PHMC. <i>[Joint Permit Application Instructions]</i>	Attachment C includes proof of submittal of the cultural resource notice to PHMC and a review/clearance letter from PHMC.
5.	Provide proof of submission to the Perry County Conservation District for the E&S Plan. <i>[25 Pa Code 105.13(g)]</i>	Attachment D includes proof of submission of the E&S Plans to the Perry County Conservation District.
6.	Provide an engineer seal and certification with the application. <i>[25 Pa Code 105.13(j)]</i>	Attachment E includes a copy of the engineer seal and certification that was submitted with the application.

SPLP appreciates your timely review of this response. Should you have questions regarding this correspondence, please do not hesitate to contact me at 412-921-8163 or via e-mail at Robert.Simcik@tetrattech.com.

Sincerely,



Robert F. Simcik
Project Manager
Tetra Tech, Inc.

Enclosures: Response Attachments A through E

cc: File 112IC05958
E. Muzic, PADEP South-central Region
A. Blosser, PADEP South-central Region
N. Imes, Perry County Conservation District
D. Nizer, USACE-Philadelphia District
M. Gordon, Sunoco Pipeline L.P.
C. Embry, Sunoco Pipeline L.P.
M. Styles, Sunoco Pipeline L.P.
L. Gremminger, Gremminger Associates, Inc.
B. Schaeffer, Tetra Tech

ATTACHMENT A

Signed GIF Form



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 version of the General Information Form (GIF) must be completed and returned with any program-specific application being submitted to the Department.

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 NPACO		
Organization Name or Registered Fictitious Name Sunoco Pipeline L.P.		Employer ID# (EIN) 23-3102656	Dun & Bradstreet ID# 11-339-2331
Individual Last Name NA	First Name	MI	Suffix SSN
Additional Individual Last Name NA	First Name	MI	Suffix SSN
Mailing Address Line 1 525 Fritztown Road		Mailing Address Line 2	
Address Last Line – City Sinking Spring		State PA	ZIP+4 Country 19608 USA
Client Contact Last Name Gordon	First Name Matthew	MI L	Suffix
Client Contact Title Senior Director		Phone 610-670-3284	Ext
Email Address MLGordon@sunocologistics.com		FAX	

SITE INFORMATION

DEP Site ID#	Site Name Pennsylvania Pipeline Project - Horse Valley HDD Reroute		
EPA ID#	Estimated Number of Employees to be Present at Site		0
Description of Site Installation of approximately 0.43-mile of a 16-inch diameter natural gas liquid pipeline through Toboyne Township in Perry County, PA.			
County Name Perry	Municipality Toboyne Township	City <input type="checkbox"/>	Boro Twp State <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/>
County Name	Municipality	City <input type="checkbox"/>	Boro Twp State <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
Site Location Line 1 Refer to Attachment 8 (Location Map)		Site Location Line 2	
Site Location Last Line – City		State	ZIP+4

Detailed Written Directions to Site

The site begins approximately 0.9 mile north of Concord Road and 0.01 mile west of Horse Valley Road, heading northeast and paralleling Horse Valley Road approximately 0.11 mile; the site then crosses Horse Valley Road heading northeast another 0.11 mile, southeast 0.12 mile, and further southeast 0.09 mile to reconnect with the original proposed PPP route.

Site Contact Last Name Gordon	First Name Matthew	MI L	Suffix
Site Contact Title Senior Director		Site Contact Firm Sunoco Pipeline LP	

Mailing Address Line 1 525 Fritztown Road			Mailing Address Line 2		
Mailing Address Last Line – City Sinking Spring			State PA	ZIP+4 19608	
Phone 610-670-3284	Ext	FAX	Email Address MLGordon@sunocologistics.com		
NAICS Codes (Two- & Three-Digit Codes – List All That Apply) 23 and 493190			6-Digit Code (Optional) 237120, 486210		
Client to Site Relationship OWNOP					

FACILITY INFORMATION

Modification of Existing Facility		Yes	No
1.	Will this project modify an existing facility, system, or activity?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
2.	Will this project involve an addition to an existing facility, system, or activity?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
<i>If "Yes", check all relevant facility types and provide DEP facility identification numbers below.</i>			
Facility Type	DEP Fac ID#	Facility Type	DEP Fac ID#
<input type="checkbox"/> Air Emission Plant	_____	<input type="checkbox"/> Industrial Minerals Mining Operation	_____
<input type="checkbox"/> Beneficial Use (water)	_____	<input type="checkbox"/> Laboratory Location	_____
<input type="checkbox"/> Blasting Operation	_____	<input type="checkbox"/> Land Recycling Cleanup Location	_____
<input type="checkbox"/> Captive Hazardous Waste Operation	_____	<input type="checkbox"/> Mine Drainage Trmt/LandRecyProjLocation	_____
<input type="checkbox"/> Coal Ash Beneficial Use Operation	_____	<input type="checkbox"/> Municipal Waste Operation	_____
<input type="checkbox"/> Coal Mining Operation	_____	<input type="checkbox"/> Oil & Gas Encroachment Location	_____
<input type="checkbox"/> Coal Pillar Location	_____	<input checked="" type="checkbox"/> Oil & Gas Location	0
<input type="checkbox"/> Commercial Hazardous Waste Operation	_____	<input type="checkbox"/> Oil & Gas Water Poll Control Facility	_____
<input type="checkbox"/> Dam Location	_____	<input type="checkbox"/> Oil & Gas Wastewater Storage Impoundment	_____
<input type="checkbox"/> Deep Mine Safety Operation -Anthracite	_____	<input type="checkbox"/> Public Water Supply System	_____
<input type="checkbox"/> Deep Mine Safety Operation -Bituminous	_____	<input type="checkbox"/> Radiation Facility	_____
<input type="checkbox"/> Deep Mine Safety Operation -Ind Minerals	_____	<input type="checkbox"/> Residual Waste Operation	_____
<input type="checkbox"/> Encroachment Location (water, wetland)	_____	<input type="checkbox"/> Storage Tank Location	_____
<input type="checkbox"/> Erosion & Sediment Control Facility	_____	<input type="checkbox"/> Water Pollution Control Facility	_____
<input type="checkbox"/> Explosive Storage Location	_____	<input type="checkbox"/> Water Resource	_____
		<input type="checkbox"/> Other:	_____

Latitude/Longitude Point of Origin	Latitude			Longitude		
	Degrees	Minutes	Seconds	Degrees	Minutes	Seconds
Enters County at	40	17	37	77	39	15
Horizontal Accuracy Measure	Feet		--or--	Meters		
Horizontal Reference Datum Code	<input type="checkbox"/> North American Datum of 1927 <input checked="" type="checkbox"/> North American Datum of 1983 <input type="checkbox"/> World Geodetic System of 1984					
Horizontal Collection Method Code	SURVY, GPSDF, GISDR					
Reference Point Code	CTROD					
Altitude	Feet		--or--	Meters		
Altitude Datum Name	<input type="checkbox"/> The National Geodetic Vertical Datum of 1929 <input type="checkbox"/> The North American Vertical Datum of 1988 (NAVD88)					
Altitude (Vertical) Location Datum Collection Method Code	NA					
Geometric Type Code	POINT					
Data Collection Date	2014-2019					
Source Map Scale Number	NA	Inch(es)	=	Feet		
	--or--	Centimeter(s)	=	Meters		

PROJECT INFORMATION

Project Name Pennsylvania Pipeline Project - Horse Valley HDD Reroute
Project Description Sunoco Pipeline L.P. (SPLP) proposes a Major Modification to the Pennsylvania Pipeline Project within Toboyne Township, Perry County. The Major Modification consists of a change in the route (0.43 mile) and installation method for the 16-inch diameter pipeline from a Horizontal Directional Drill (HDD) to an open cut installation. The reroute will increase the limits-of-disturbance by 3.94 acres and contains two stream crossings.

Project Consultant Last Name Schaeffer		First Name Brad		MI	Suffix
Project Consultant Title Environmental Project Manager			Consulting Firm Tetra Tech, Inc.		
Mailing Address Line 1 301 Ellicott Street			Mailing Address Line 2		
Address Last Line – City Buffalo		State NY	ZIP+4 14203		
Phone 716-849-9419	Ext 117	FAX 716-849-9420	Email Address brad.schaeffer@tetrattech.com		

Time Schedules	Project Milestone (Optional)

1. **Have you informed the surrounding community and addressed any concerns prior to submitting the application to the Department?** Yes No

2. **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: _____

3. **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 3, the application is not subject to the Land Use Policy.
 If "Yes" to Question 3, 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 are encouraged to 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 an adopted municipal or multi-municipal comprehensive plan?** Yes No

3. **Is there an adopted county-wide zoning ordinance, municipal zoning ordinance or joint municipal zoning ordinance?** Yes No
Note: If the Applicant answers "No" to either Questions 1, 2 or 3, the provisions of the PA MPC are not applicable and the Applicant does not need to respond to questions 4 and 5 below.
 If the Applicant answers "Yes" to questions 1, 2 and 3, the Applicant should respond to questions 4 and 5 below.

4. **Does the proposed project meet the provisions of the zoning ordinance or does the proposed project have zoning approval?** Yes No
 If zoning approval has been received, attach documentation.

5. **Have you attached Municipal and County Land Use Letters for the project?** Yes No

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 and the accompanying Cultural Resource Notice 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.	<input type="checkbox"/>	Yes	<input checked="" type="checkbox"/>	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?	<input type="checkbox"/>	Yes	<input type="checkbox"/>	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?	<input type="checkbox"/>	Yes	<input type="checkbox"/>	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?	<input type="checkbox"/>	Yes	<input type="checkbox"/>	No
1.4	For this coal mining project, will sewage treatment facilities be constructed and treated waste water discharged to surface waters?	<input type="checkbox"/>	Yes	<input type="checkbox"/>	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?	<input type="checkbox"/>	Yes	<input type="checkbox"/>	No
1.6	Will this coal mining project involve underground coal mining to be conducted within 500 feet of an oil or gas well?	<input type="checkbox"/>	Yes	<input type="checkbox"/>	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.	<input type="checkbox"/>	Yes	<input checked="" type="checkbox"/>	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?	<input type="checkbox"/>	Yes	<input type="checkbox"/>	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?	<input type="checkbox"/>	Yes	<input type="checkbox"/>	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)?	<input type="checkbox"/>	Yes	<input type="checkbox"/>	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?	<input type="checkbox"/>	Yes	<input type="checkbox"/>	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?	<input type="checkbox"/>	Yes	<input type="checkbox"/>	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.	<input checked="" type="checkbox"/>	Yes	<input type="checkbox"/>	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)?	<input checked="" type="checkbox"/>	Yes	<input type="checkbox"/>	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 <i>Project Description</i> .	<input checked="" type="checkbox"/>	Yes	<input type="checkbox"/>	No
3.3	Will the oil- or gas-related project involve the construction and operation of industrial waste treatment facilities?	<input type="checkbox"/>	Yes	<input checked="" type="checkbox"/>	No
4.0	Will the project involve a construction activity that results in earth disturbance? If "Yes", specify the total disturbed acreage. 4.0.1 Total Disturbed Acreage 8.06 acres	<input checked="" type="checkbox"/>	Yes	<input type="checkbox"/>	No
5.0	Does the project involve any of the following? If "Yes", respond to 5.1-5.3. If "No", skip to Question 6.0.	<input checked="" type="checkbox"/>	Yes	<input type="checkbox"/>	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?	<input checked="" type="checkbox"/>	Yes	<input type="checkbox"/>	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?	<input checked="" type="checkbox"/>	Yes	<input type="checkbox"/>	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?	<input checked="" type="checkbox"/>	Yes	<input type="checkbox"/>	No
6.0	Will the project involve discharge of stormwater or wastewater from an industrial activity to a dry swale, surface water, ground water or an existing sanitary sewer system or separate storm water system?	<input type="checkbox"/>	Yes	<input checked="" type="checkbox"/>	No
7.0	Will the project involve the construction and operation of industrial waste treatment facilities?	<input type="checkbox"/>	Yes	<input checked="" type="checkbox"/>	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 <i>Project Description</i> , where applicable. 8.0.1 Estimated Proposed Flow (gal/day)	<input type="checkbox"/>	Yes	<input checked="" type="checkbox"/>	No
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?	<input type="checkbox"/>	Yes	<input checked="" type="checkbox"/>	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.	<input type="checkbox"/>	Yes	<input checked="" type="checkbox"/>	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). 10.0.1 Gallons Per Year (residential septage) _____ 10.0.2 Dry Tons Per Year (biosolids) _____	<input type="checkbox"/>	Yes	<input checked="" type="checkbox"/>	No
11.0	Does the project involve construction, modification or removal of a dam? If "Yes", identify the dam. 11.0.1 Dam Name _____	<input type="checkbox"/>	Yes	<input checked="" type="checkbox"/>	No

12.0	Will the project interfere with the flow from, or otherwise impact, a dam?	<input type="checkbox"/>	Yes	<input checked="" type="checkbox"/>	No
	If "Yes", identify the dam.				
	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.)? If "Yes", identify each type of emission followed by the amount of that emission.	<input checked="" type="checkbox"/>	Yes	<input type="checkbox"/>	No
	13.0.1 Enter all types & amounts of emissions; separate each set with semicolons.				
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.	<input type="checkbox"/>	Yes	<input checked="" type="checkbox"/>	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	<input type="checkbox"/>	Yes	<input type="checkbox"/>	No
	14.0.5 Sub-Fac: Water Treatment Plant	<input type="checkbox"/>	Yes	<input type="checkbox"/>	No
	14.0.6 Sub-Fac: Source	<input type="checkbox"/>	Yes	<input type="checkbox"/>	No
	14.0.7 Sub-Fac: Pump Station	<input type="checkbox"/>	Yes	<input type="checkbox"/>	No
	14.0.8 Sub Fac: Transmission Main	<input type="checkbox"/>	Yes	<input type="checkbox"/>	No
	14.0.9 Sub-Fac: Storage Facility	<input type="checkbox"/>	Yes	<input type="checkbox"/>	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?	<input type="checkbox"/>	Yes	<input checked="" type="checkbox"/>	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.	<input checked="" type="checkbox"/>	Yes	<input type="checkbox"/>	No
	16.0.1 Supplier's Name North Middleton Water Authority PA American Water Huntingdon Area Water and Sewage Authority				
	16.0.2 Letter of Approval from Supplier is Attached	<input type="checkbox"/>	Yes	<input checked="" type="checkbox"/>	No
17.0	Will this project involve a new or increased drinking water withdrawal from a stream or other water body? If "Yes", should reference both Water Supply and Watershed Management.	<input type="checkbox"/>	Yes	<input checked="" type="checkbox"/>	No
	17.0.1 Stream Name				
18.0	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.	<input checked="" type="checkbox"/>	Yes	<input type="checkbox"/>	No
	18.0.1 Type & Amount				
19.0	Will your project involve the removal of coal, minerals, etc. as part of any earth disturbance activities?	<input type="checkbox"/>	Yes	<input checked="" type="checkbox"/>	No
20.0	Does your project involve installation of a field constructed underground storage tank? If "Yes", list each Substance & its Capacity. <u>Note</u>: Applicant may need a Storage Tank Site Specific Installation Permit.	<input type="checkbox"/>	Yes	<input checked="" type="checkbox"/>	No
	20.0.1 Enter all substances & capacity of each; separate each set with semicolons.				
21.0	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. <u>Note</u>: Applicant may need a Storage Tank Site Specific Installation Permit.	<input type="checkbox"/>	Yes	<input checked="" type="checkbox"/>	No
	21.0.1 Enter all substances & capacity of each; separate each set with semicolons.				

22.0 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

22.0.1 Enter all substances & capacity of each; separate each set with semicolons.

23.0 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. Yes No

23.0.1 Enter all substances & capacity of each; separate each set with semicolons.

24.0 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.

Type or Print Name Matthew L. Gordon



Senior Director

2/27/2019

Signature

Title

Date

ATTACHMENT B

Resource Photographs and Location Map



Legend

Sheet Boundary	Stream Photo
PPP 1	Pond Photo
PPP 2	PEM Photo
PPP 1, Bore	PFO Photo
PPP 1, HDD	PSS Photo
PPP 2, Bore	
PPP 2, HDD	
Pullback String	
Permanent Easement (no surface disturbance)	
Permanent ROW	
Temporary ROW	
ATWS	
Permanent Access Road	
Temporary Access Road	
ROW-Travel LOD	
ROW-Travel and Clearing LOD	
Existing Block Valve	
New Block Valve	
Block Valve Setting LOD	
Station LOD	
Bore Pits	
PEM Wetland	
PFO Wetland	
PSS Wetland	
Pond	
Ephemeral Stream	
Intermittent Stream	
Perennial Stream	
Chapter 105 Floodway	
Waived Floodway	
Ch. 106 Floodplain Fringe	

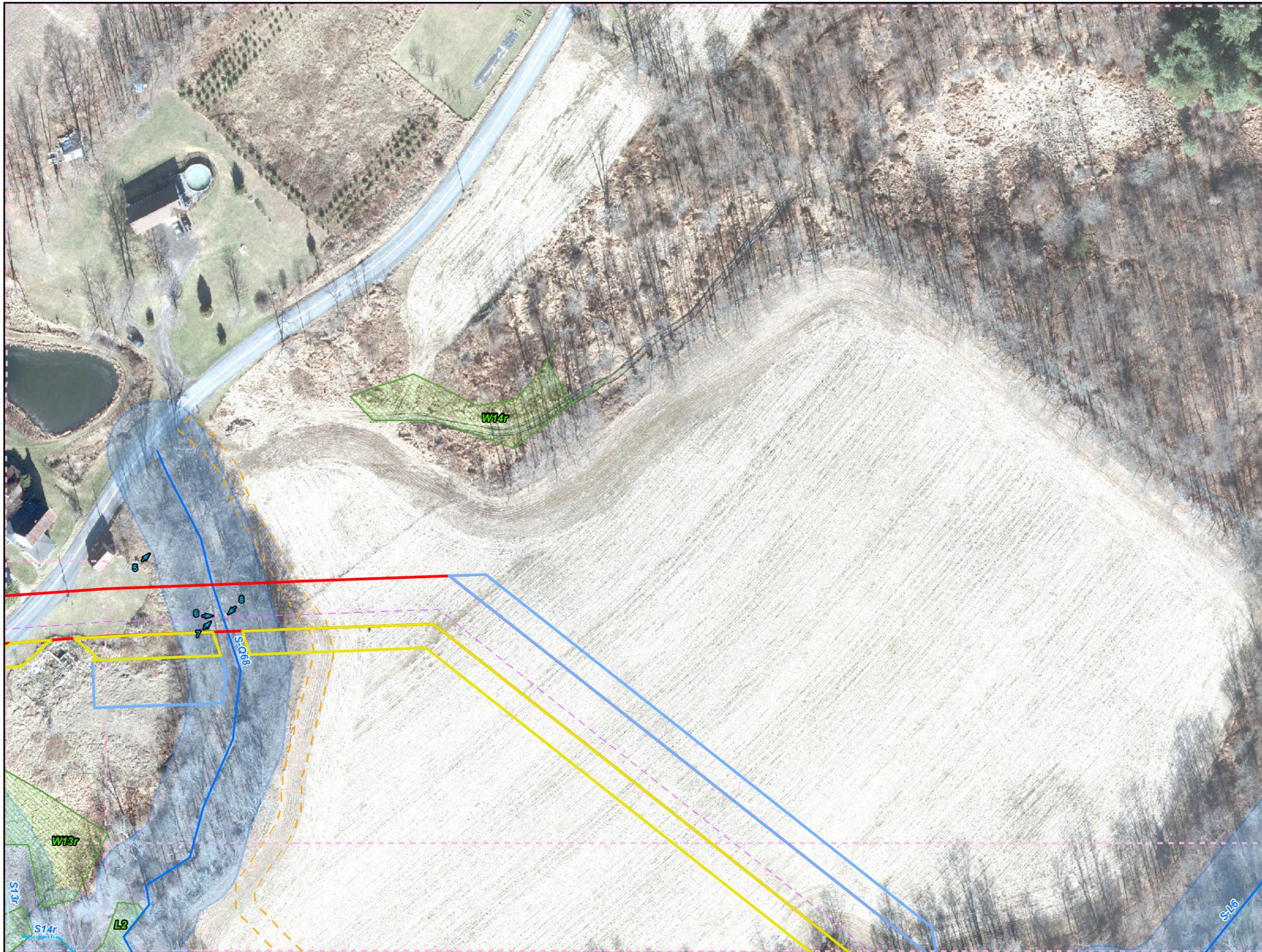
Perry County

1 inch = 100 feet

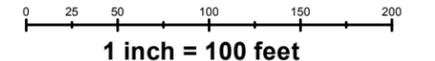
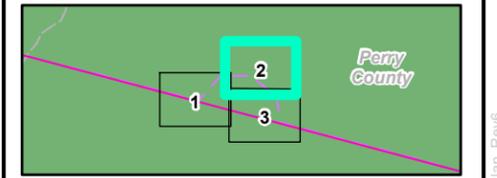
Photo Locations for the Sunoco Pennsylvania Pipeline Project, Horse Valley Reroute, Perry County, PA. Sheet 1 of 3

Prepared By: 	Date: 04/2019
-------------------------	--------------------------------

Base Map: SPLP 2014-2016, Roads from NRCS Geo-spatial Data Giveaway, 100-Year Floodplain from FEMA NFHL, downloaded 9/2016. Aquatics, TT 2013-2018.
 Coordinate System: NAD 83 Stateplane, PA South, Feet



- Legend**
- Sheet Boundary
 - PPP 1
 - PPP 2
 - PPP 1, Bore
 - PPP 1, HDD
 - PPP 2, Bore
 - PPP 2, HDD
 - Pullback String
 - Permanent Easement (no surface disturbance)
 - Permanent ROW
 - Temporary ROW
 - ATWS
 - Permanent Access Road
 - Temporary Access Road
 - ROW-Travel LOD
 - ROW-Travel and Clearing LOD
 - Existing Block Valve
 - New Block Valve
 - Block Valve Setting LOD
 - + Station LOD
 - Bore Pits
 - PEM Wetland
 - PFO Wetland
 - PSS Wetland
 - Pond
 - Ephemeral Stream
 - Intermittent Stream
 - Perennial Stream
 - Chapter 105 Floodway
 - Waived Floodway
 - Ch. 106 Floodplain Fringe
 - Stream Photo
 - Pond Photo
 - PEM Photo
 - PFO Photo
 - PSS Photo



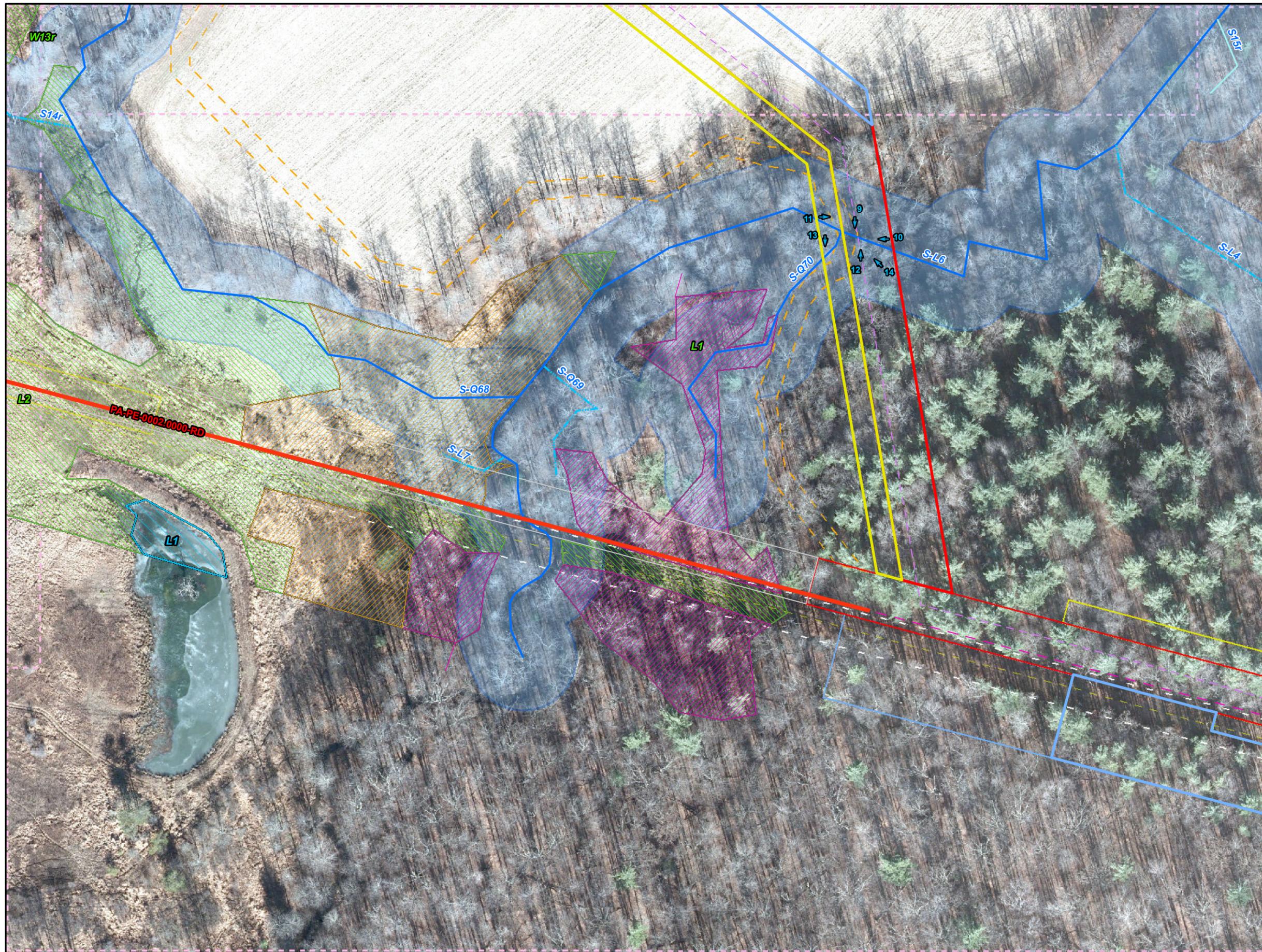
1 inch = 100 feet

Photo Locations for the Sunoco Pennsylvania Pipeline Project, Horse Valley Reroute Perry County, PA. Sheet 2 of 3

Prepared By:	Date:
TETRA TECH	04/2019

Base Map: SPLP 2014-2016, Roads from NRCS Geo-spatial Data Giveaway, 100-Year Floodplain from FEMA NFHL, downloaded 9/2016. Aquatics, TT 2013-2018.
 Coordinate System: NAD 83 Stateplane, PA South, Feet

P:\GIS\Projects\121215956-PP\10X0\Fermitis\County\Fermitis\PerryCountySheetPlan_Rev6



Legend

Sheet Boundary	Stream Photo
PPP 1	Pond Photo
PPP 2	PEM Photo
PPP 1, Bore	PFO Photo
PPP 1, HDD	PSS Photo
PPP 2, Bore	
PPP 2, HDD	
Pullback String	
Permanent Easement (no surface disturbance)	
Permanent ROW	
Temporary ROW	
ATWS	
Permanent Access Road	
Temporary Access Road	
ROW-Travel LOD	
ROW-Travel and Clearing LOD	
Existing Block Valve	
New Block Valve	
Block Valve Setting LOD	
Station LOD	
Bore Pits	
PEM Wetland	
PFO Wetland	
PSS Wetland	
Pond	
Ephemeral Stream	
Intermittent Stream	
Perennial Stream	
Chapter 105 Floodway	
Waived Floodway	
Ch. 106 Floodplain Fringe	

Perry County

1 inch = 100 feet

Photo Locations for the Sunoco Pennsylvania Pipeline Project, Horse Valley Reroute, Perry County, PA. Sheet 3 of 3

Prepared By: TETRA TECH	Date: 04/2019
--------------------------------	----------------------

Base Map: SPLP 2014-2016, Roads from NRCS Geospatial Data Giveaway, 100-Year Floodplain from FEMA NFHL, downloaded 9/2016. Aquatics, TT 2013-2018.
 Coordinate System: NAD 83 Stateplane, PA South, Feet



Photo # 1: 02/16/2019 -- Stream S12r (west)
View to the West, Resource S12R



Photo # 2: 02/16/2019 -- Stream S12r (north)
View to the North, Resource S12R



Photo # 3: 02/16/2019 -- Stream S13r (west)
View to the West, Resource S13R



Photo # 4: 02/16/2019 -- Stream S13r (east)
View to the East, Resource S13R



Photo # 5: 02/16/2019 -- Stream S-Q68 (northeast)
Aerial View, Resource S-Q68 and existing access road



Photo # 6: 02/16/2019 -- Stream S-Q68 (east)
View to the East, Resource S-Q68. Proposed centerline pictured.



Photo # 7: 02/16/2019 -- Stream S-Q68 (northeast)

View to the Northeast, Resource S-Q68 with centerline pictured at stake with orange flagging



Photo # 8: 02/16/2019 -- Stream S-Q68 (southwest)

View to the Southwest, Resource S-Q68 with centerline pictured at stake with orange flagging



Photo # 9: 02/16/2019 -- Stream S-L6 (south)

View to the South, Resource S-L6 with proposed centerline visible



Photo # 10: 02/16/2019 -- Stream S-L6 (west)

View to the West, Resource S-L6 showing existing access road crossing (bridge)



Photo # 11: 02/16/2019 -- Stream S-L6 (east)

View to the East, Resource S-L6 with proposed centerline visible



Photo # 12: 02/16/2019 -- Stream S-L6 (north)

View to the North, Resource S-L6 with proposed centerline shown



Photo # 13: 02/16/2019 -- Stream S-Q70 (south)

View to the South, Resource S-Q70 pictured crossing under existing timber-mat access road

Photo # 14: 02/16/2019 -- Stream S-Q70, S-L6 (northwest)

Aerial View; resource S-Q70, crossing under existing timber-mat access road and entering resource S-L6 pictured

Notes:

Notes:

Notes:

Notes:

ATTACHMENT C
PHMC Coordination



Pennsylvania State Historic Preservation Office

PENNSYLVANIA HISTORICAL AND MUSEUM COMMISSION

March 20, 2019

Tetra Tech
Attn: Rob Peltier, M.A., RPA
301 Ellicott Street
Buffalo, NY 1420

RE:ER 2013-1862-042-EE – DEP: Pennsylvania Pipeline Project, Phase I Archaeological Survey, Horse Valley Reroute 2, 6835 Horse Valley Road, Toboyne Township, Perry County

Dear Mr. Peltier:

Thank you for submitting the Phase I survey report for the above referenced project. The Pennsylvania State Historic Preservation Office (PA SHPO) reviews projects in accordance with state and federal laws. Section 106 of the National Historic Preservation Act of 1966, and the implementing regulations (36CFR Part 800) of the Advisory Council on Historic Preservation, is the primary federal legislation. The Environmental Rights amendment, Article 1, Section 27 of the Pennsylvania Constitution and the Pennsylvania History Code, 37 Pa. Cons. Stat. Section 500 et seq. (1988) is the primary state legislation. These laws include consideration of the project's potential effects on both historic and archaeological resources.

We are in the process of reevaluating our current archaeological site identification criteria. In our opinion, the 17 historic artifacts found near the barn foundation should not be recorded as an archaeological site. In future projects, if there is any uncertainty as to whether or not small collections of historic artifacts should be recorded as an archaeological site, please consult with our review staff on a case-by-case basis.

We agree with the recommendation that no further archaeological work is necessary within the surveyed area.

If you have any questions or comments concerning our review, please contact Mark Shaffer at mshaffer@pa.gov or (717) 783-9900.

Sincerely,

Douglas C. McLearn, Chief
Division of Environmental Review



[Home](#) > [Search](#) > Survey

Survey Detail

[Main](#) | [Location](#) | [Administration](#) | [Links](#) | [Workflow Communication](#)

Workflow Comments * Required Only For Return Action

Action By	Action	Action Date	Comment
Peltier, Robert	Submit	2/27/2019 4:20:33 PM	

Records: 1 - 1 of 1 - Pages: 1

ATTACHMENT D

**Proof of E&S Plan Submission to
Perry County Conservation District**



March 4, 2019

Dear Customer:

The following is the proof-of-delivery for tracking number **774590283255**.

Delivery Information:

Status:	Delivered	Delivered to:	Receptionist/Front Desk
Signed for by:	L.BARLOW	Delivery location:	31 W MAIN ST NEW BLOOMFIELD, PA 17068
Service type:	FedEx Priority Overnight	Delivery date:	Mar 1, 2019 12:18
Special Handling:	Deliver Weekday		

Shipping Information:

Tracking number:	774590283255	Ship date:	Feb 28, 2019
		Weight:	8.0 lbs/3.6 kg

Recipient:
Mr. Neil Imes
Perry CCD
25 West Main Street
NEW BLOOMFIELD, PA 17068 US

Shipper:
ADMIN OFFICE
Tetra Tech, Inc.
Foster Plaza Building 7
661 Andersen Drive
Pittsburgh, PA 15220 US
212ic-BF-00037.500
Simcik/Morris

Reference
Purchase order number:

Thank you for choosing FedEx.



PITT-02-19-076

February 28, 2019

Project Number 212IC-BF-00037

Via E-mail and overnight Fed Ex

Mr. Scott Williamson
Program Manager
Pennsylvania Department of Environmental Protection
Waterways and Wetlands Program
Southcentral Regional Office
909 Elmerton Avenue
Harrisburg, Pennsylvania 17110

**Re: Sunoco Pipeline L.P. – Pennsylvania Pipeline Project (Mariner East II)
Chapter 102 Permit No. ESG0300015002 – Major Modification for Horse Valley Road HDD
Modification Request for Reroute and Installation Change to Conventional Open Cut
Toboyne Township, Perry County, PA**

Dear Mr. Williamson:

On behalf of Sunoco Pipeline L.P. (SPLP), please accept the enclosed revised drawings and information as a request for a major modification to the referenced Chapter 102 permit [Note – the corresponding Chapter 105 permit modification request is being provided separately under a different cover]. This modification is being requested for a change in the route and installation method for the 16-inch diameter pipeline from a Horizontal Directional Drill (HDD) to a conventional open trench installation. The reroute will require additional limit-of-disturbance (LOD).

While conducting the permitted HDD for the 20-inch pipe under a wetland/stream complex associated with the Wetland Reserve Program, a confined aquifer was encountered resulting in groundwater production within the annulus of the HDD. Therefore, in order to avoid similar problems with the 16-inch pipeline, SPLP proposes to avoid the Wetland Reserve Program wetland property, and any other wetland areas, and via a reroute to the north use an open cut method with a dam and pump bypass to install the 16-inch pipeline across the two perennial streams (S-L6 and S-Q68). The dam and pump will contain and convey stream flow across the workspace and outlet downstream within the permitted limit-of-disturbance (LOD), such that work will be conducted in a dry stream channel. After the stream bypass is in place, the trench will be excavated, and the 16-inch pipeline will be installed via the open trench method. Once the pipeline is installed, the trench will be backfilled and restored to pre-existing conditions in accordance with the enclosed plans/drawings and information.

In accordance with the Chapter 102 major permit amendment requirements, the following information is provided for your information/review and files:

- 1-NOI Check List
- 2-NOI Application
- 3-Erosion and Sediment Control Plan
- 4-Act 14 Letters
- 5-Act 167 Consistency Verification Report
- 6-PNDI

Mr. Scott Williamson
Department of Environmental Protection
February 28, 2019

- 7-Site Restoration and Post Construction Stormwater Management Plan
- 9-Compliance History Table
- 10-Aquatic Resources Report

Enclosed are two (2) hard copies of the modification request to facilitate your review. The enclosed fee of \$900 is for the processing of a Chapter 102 major modification and the additional resource impacts (Attachment H). Please note that the Perry County Conservation District will also receive a copy of this request and attachments and appropriate fees.

SPLP appreciates your timely review of this modification request. Should you have questions regarding this correspondence, please do not hesitate to contact me at 412-921-8163 or via e-mail at Robert.Simcik@tetrattech.com.

Sincerely,



Robert F. Simcik, P.E.
Project Manager
Tetra Tech, Inc.

Enclosures: 1 original, 1 copy

cc: File 112IC05958
E. Muzic, PADEP South-central Region
A. Blosser, PADEP South-central Region
N. Imes Perry County Conservation District
M. Gordon, Sunoco Pipeline L.P.
C. Embry, Sunoco Pipeline L.P.
M. Styles, Sunoco Pipeline L.P.
L. Gremminger, Gremminger Associates, Inc.
B. Schaeffer, Tetra Tech

ATTACHMENT E

Engineer Seal and Certification

Pennsylvania Pipeline Project
Chapter 105 Joint Permit Application
Perry County, Pennsylvania
Application ID: E50-258
APS No.: 879354
February 2019

Prepared for:
Pennsylvania Department of Environmental Protection
Southcentral Regional Office
909 Elmerton Avenue
Harrisburg, Pennsylvania, 17110

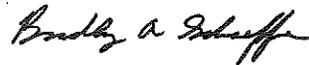
Prepared by:
Tetra Tech OGA, Inc.
301 Ellicott Street
Buffalo, New York
(716) 849-9419

Prepared by:



Pat Green
Tetra Tech OGA, Inc.

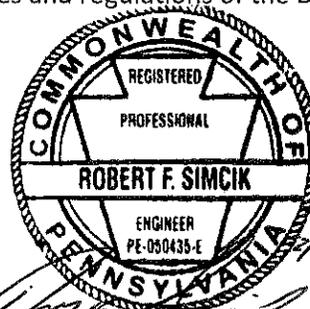
Approved by:



Brad Schaeffer, P.M.P.
Tetra Tech OGA, Inc.

"I, Robert F. Simcik, do hereby certify to the best of my knowledge, information and belief, that the information contained in the accompanying plans, specifications, and reports has been prepared in accordance with accepted professional practice, is true and correct, and is in conformance with Chapter 106 of the rules and regulations of the Department of Environmental Protection."

"I, Robert F. Simcik, do hereby certify pursuant to the penalties of 18 Pa.C.S.A. Sec. 4904 to the best of my knowledge, information and belief, that the information contained in the accompanying plans, specifications and reports has been prepared in accordance with accepted engineering practice, is true and correct, and is in conformance with Chapter 105 of the rules and regulations of the Department of Environmental Protection."



Robert F. Simcik, P.E.
Professional Engineer No. PE050435E