

## **ATTACHMENT 1**

### **GENERAL INFORMATION FORM (GIF) AND SUPPLEMENTAL INFORMATION**

**Note:** It is up to the construction contractor to finalize contracts with the Public Water Supplies and they are not finalized at this time. As such, no Letters of Approval from Suppliers are attached.


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

**SITE INFORMATION**

DEP Site ID#	Site Name		
	Pennsylvania Pipeline Project		
EPA ID#	Estimated Number of Employees to be Present at Site		0
Description of Site	Installation of 32.0 miles of natural gas liquid pipelines through Cumberland County in southcentral PA.		
County Name	Municipality	City	Boro Twp State
Cumberland	Refer to attached Supplemental Information	<input type="checkbox"/>	<input type="checkbox"/> <input checked="" type="checkbox"/>
County Name	Municipality	City	Boro Twp State
		<input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/>
Site Location Line 1	Site Location Line 2		
Refer to Attachment 8 (Location Map)			
Site Location Last Line – City	State	ZIP+4	

**Detailed Written Directions to Site**

Begin at the intersection of Route 233 and McCrea Rd. in the town of McCrea, Pennsylvania. Continue north on Rt. 233 for approximately 0.46 miles until reaching the intersection of Rt. 233 and the Project's right-of-way. Proceed west on the right-of-way for approximately 1.45 miles until reaching the Cumberland County line.

Site Contact Last Name	First Name	MI	Suffix
Gordon	Matthew	L	
Site Contact Title	Site Contact Firm		
Principal Engineer	Sunoco Pipeline L.P.		
Mailing Address Line 1	Mailing Address Line 2		
535 Fritztown Road			

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

**FACILITY INFORMATION**

<b>Modification of Existing Facility</b>	<b>Yes</b>	<b>No</b>
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"/> MineDrainageTrmt/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"/> Public Water Supply System	_____
<input type="checkbox"/> Deep Mine Safety Operation -Anthracite	_____	<input type="checkbox"/> Radiation Facility	_____
<input type="checkbox"/> Deep Mine Safety Operation -Bituminous	_____	<input type="checkbox"/> Residual Waste Operation	_____
<input type="checkbox"/> Deep Mine Safety Operation -Ind Minerals	_____	<input type="checkbox"/> Storage Tank Location	_____
<input type="checkbox"/> Encroachment Location (water, wetland)	_____	<input type="checkbox"/> Water Pollution Control Facility	_____
<input type="checkbox"/> Erosion & Sediment Control Facility	_____	<input type="checkbox"/> Water Resource	_____
<input type="checkbox"/> Explosive Storage Location	_____	<input type="checkbox"/> Other:	_____

Latitude/Longitude Point of Origin	Latitude			Longitude		
	Degrees	Minutes	Seconds	Degrees	Minutes	Seconds
Entrance points	40	15	24	77	28	11
<b>Horizontal Accuracy Measure</b>	Feet			--or-- Meters		
<b>Horizontal Reference Datum Code</b>	<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					
<b>Horizontal Collection Method Code</b>	SURVY, GPSDF, GISDR					
<b>Reference Point Code</b>	CTROD					
<b>Altitude</b>	Feet NA			--or-- Meters		
<b>Altitude Datum Name</b>	<input type="checkbox"/> The National Geodetic Vertical Datum of 1929 <input type="checkbox"/> The North American Vertical Datum of 1988 (NAVD88)					
<b>Altitude (Vertical) Location Datum Collection Method Code</b>	NA					
<b>Geometric Type Code</b>	POINT					
<b>Data Collection Date</b>	2014-2016					
<b>Source Map Scale Number</b>	NA Inch(es) =			Feet		
	--or--			Centimeter(s) =		
				Meters		

**PROJECT INFORMATION**

**Project Name**  
Pennsylvania Pipeline Project

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**Project Description**  
Installation of two parallel natural gas liquid pipelines within an approximately 306.8-mile, 50-foot-wide right-of-way (ROW) from Houston, Washington County, Pennsylvania to SPLP's Marcus Hook facility in Delaware County, Pennsylvania with the purpose of interconnecting with existing SPLP Mariner East pipelines. A 20-inch diameter pipeline would be installed within the ROW from Houston to Marcus Hook (306.8 miles) and a second, 16-inch diameter pipeline, would also be installed in the same ROW, from SPLP's Delmont station to Marcus Hook (for approximately 255.8 miles). Approximately 32.0 miles are located in Cumberland County in southcentral PA. Please refer to Attachment 9 of the Joint Application for more information.

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

Time Schedules	Project Milestone (Optional)
January 2017	Construction

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? If zoning approval has been received, attach documentation.  Yes  No

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.

<b>1.0</b>	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
<b>1.1</b>	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
<b>1.2</b>	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
<b>1.3</b>	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
<b>1.4</b>	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
<b>1.5</b>	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
<b>1.6</b>	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
<b>2.0</b>	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
<b>2.1</b>	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
<b>2.2</b>	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
<b>2.3</b>	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
<b>2.4</b>	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
<b>2.5</b>	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 310 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

<b>12.0</b>	<b>Will the project interfere with the flow from, or otherwise impact, a dam?</b> If "Yes", identify the dam.	<input type="checkbox"/>	Yes	<input checked="" type="checkbox"/>	No
<b>12.0.1</b>	<b>Dam Name</b>				
<b>13.0</b>	<b>Will the project involve operations (excluding during the construction period) that produce air emissions (i.e., NOX, VOC, etc.)?</b> If "Yes", identify each type of emission followed by the amount of that emission.	<input checked="" type="checkbox"/>	Yes	<input type="checkbox"/>	No
<b>13.0.1</b>	<b>Enter all types &amp; amounts of emissions; separate each set with semicolons.</b>	Note: The overall Project will involve operational emissions; but no operational emissions will be emitted in Cumberland County. See attached list of facilities associated with the overall Project and air emissions.			
<b>14.0</b>	<b>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?</b> If "Yes", check all proposed sub-facilities.	<input type="checkbox"/>	Yes	<input checked="" type="checkbox"/>	No
<b>14.0.1</b>	<b>Number of Persons Served</b>	_____			
<b>14.0.2</b>	<b>Number of Employee/Guests</b>	_____			
<b>14.0.3</b>	<b>Number of Connections</b>	_____			
<b>14.0.4</b>	<b>Sub-Fac: Distribution System</b>	<input type="checkbox"/>	Yes	<input type="checkbox"/>	No
<b>14.0.5</b>	<b>Sub-Fac: Water Treatment Plant</b>	<input type="checkbox"/>	Yes	<input type="checkbox"/>	No
<b>14.0.6</b>	<b>Sub-Fac: Source</b>	<input type="checkbox"/>	Yes	<input type="checkbox"/>	No
<b>14.0.7</b>	<b>Sub-Fac: Pump Station</b>	<input type="checkbox"/>	Yes	<input type="checkbox"/>	No
<b>14.0.8</b>	<b>Sub Fac: Transmission Main</b>	<input type="checkbox"/>	Yes	<input type="checkbox"/>	No
<b>14.0.9</b>	<b>Sub-Fac: Storage Facility</b>	<input type="checkbox"/>	Yes	<input type="checkbox"/>	No
<b>15.0</b>	<b>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?</b>	<input type="checkbox"/>	Yes	<input checked="" type="checkbox"/>	No
<b>16.0</b>	<b>Is your project to be served by an existing public water supply?</b> 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
<b>16.0.1</b>	<b>Supplier's Name</b>	North Middleton Water Authority Middlesex Municipal Water Authority United Water of PA (Suez) PA American Waters Note: Letters of Approval from Suppliers to be provided when contracts are executed.			
<b>16.0.2</b>	<b>Letter of Approval from Supplier is Attached</b>	<input type="checkbox"/>	Yes	<input checked="" type="checkbox"/>	No
<b>17.0</b>	<b>Will this project involve a new or increased drinking water withdrawal from a stream or other water body?</b> If "Yes", should reference both Water Supply and Watershed Management.	<input type="checkbox"/>	Yes	<input checked="" type="checkbox"/>	No
<b>17.0.1</b>	<b>Stream Name</b>				
<b>18.0</b>	<b>Will the construction or operation of this project involve treatment, storage, reuse, or disposal of waste?</b> 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
<b>18.0.1</b>	<b>Type &amp; Amount</b>	Non-hazardous/Construction related C&D waste will be disposed; Amount Unknown			
<b>19.0</b>	<b>Will your project involve the removal of coal, minerals, etc. as part of any earth disturbance activities?</b>	<input type="checkbox"/>	Yes	<input checked="" type="checkbox"/>	No
<b>20.0</b>	<b>Does your project involve installation of a field constructed underground storage tank?</b> If "Yes", list each Substance & its Capacity. <b>Note:</b> Applicant may need a Storage Tank Site Specific Installation Permit.	<input type="checkbox"/>	Yes	<input checked="" type="checkbox"/>	No
<b>20.0.1</b>	<b>Enter all substances &amp; capacity of each; separate each set with semicolons.</b>	_____			

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?  Yes  No  
If "Yes", list each Substance & its Capacity. **Note:** Applicant may need a Storage Tank Site Specific Installation Permit.

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?  Yes  No  
If "Yes", list each Substance & its Capacity. **Note:** Applicant may need a Storage Tank Site Specific Installation Permit.


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

  
Signature

Principal Engineer

Title

11/2/2016  
Date



# Pennsylvania Pipeline Project

## Cumberland County: General Information Form Supplemental Information

Municipality	City	Borough	Township	Municipal Comprehensive Plan	Municipal Zoning Ordinance
Lower Mifflin			X	Y	Y
Upper Frankford			X	Y	Y
Lower Frankford			X	Y	Y
North Middleton			X	Y	Y
Middlesex			X	Y	Y
Monroe			X	Y	Y
Silver Spring			X	Y	Y
Upper Allen			X	Y	Y
Mechanicsburg		X		Y	Y
Lower Allen			X	Y	Y

## Pennsylvania Pipeline Project Facility Emissions

County	Facility	Emission Rate (tpy)											
		NO <sub>x</sub>	CO	VOC	PM <sup>1</sup>	PM <sub>10</sub> <sup>1</sup>	PM <sub>2.5</sub> <sup>1</sup>	SO <sub>x</sub>	HAP	CO <sub>2</sub>	CH <sub>4</sub>	N <sub>2</sub> O	CO <sub>2</sub> e
Washington	Independence Tie-In	< 0.01	< 0.01	0.18	< 0.01	< 0.01	< 0.01	< 0.01	0.01	0.76	< 0.01	< 0.01	0.76
Washington	Houston Injection Site	0.04	0.17	0.57	0	0	0	< 0.01	0.03	75.00	0.01	< 0.01	75.30
Westmoreland	Delmont Station	0.03	0.15	0.72	0	0	0	< 0.01	0.04	69.85	0.01	< 0.01	70.15
Cambria	Ebensburg Station	0.03	0.15	0.94	0	0	0	< 0.01	0.05	70.65	0.01	< 0.01	70.95
Huntingdon	Mount Union Station	0.01	0.05	0.26	0	0	0	< 0.01	0.02	24.9	< 0.01	< 0.01	25.00
Dauphin	Middletown Station	0.03	0.15	0.93	0	0	0	< 0.01	0.05	70.55	0.01	< 0.01	70.85
Berks	Beckersville Station	0.01	0.05	0.25	0	0	0	< 0.01	0.02	24.90	< 0.01	< 0.01	25.00
Delaware	Twin Oaks Station	0.03	0.14	0.83	0	0	0	< 0.01	0.05	66.40	0.01	< 0.01	66.70
<b>Total</b>		< 0.19	< 0.87	4.68	< 0.01	< 0.01	< 0.01	< 0.08	0.27	403.01	< 0.08	< 0.08	404.71

Notes:

- CH<sub>4</sub>: methane
- CO: carbon monoxide
- CO<sub>2</sub>: carbon dioxide
- CO<sub>2</sub>e: carbon dioxide equivalent
- HAP: hazardous air pollutant
- N<sub>2</sub>O: nitrous oxide
- NO<sub>x</sub>: oxides of nitrogen
- PM: particulate matter
- PM<sub>10</sub>: particles with an aerodynamic diameter less than or equal to 10 micrometers
- PM<sub>2.5</sub>: particles with an aerodynamic diameter less than or equal to 2.5 micrometers
- SO<sub>x</sub>: oxides of sulfur
- tpy: ton per year
- VOC: volatile organic compound

<sup>1</sup> PM = PM<sub>2.5</sub> = PM<sub>10</sub>

<sup>2</sup> Permitting for the Houston Markwest Station was not within Tetra Tech scope of work; therefore, emission estimates are not available for this site.