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610 832 3501 fax

December 17, 2018

Kidder Township Supervisors
Lisa Klem
10 Lake Harmony Rd.
Lake Harmony, PA 18624

**Subject: Updated Floodplain Management Analysis
PennEast Pipeline
Carbon County, Pennsylvania**

Dear Lisa Klem,

On February 2, 2016, AECOM notified Kidder Township that PennEast Pipeline Company, LLC (PennEast) was submitting Pennsylvania Chapter 105 Joint Permit Applications (JPAs) for authorization of wetland and watercourse crossings for the PennEast Pipeline Project (Project). The initial JPAs were submitted in February 2016, and PennEast will be submitting updated JPAs to the Pennsylvania Department of Environmental Protection (PADEP) in December 2018. In accordance with 25 Pennsylvania Code §105.13(e)(I)(vi), PennEast is providing this floodplain management analysis for Project impacts within Kidder Township.

Project Description

PennEast proposes to construct, install and operate the Project facilities to provide approximately 1.1 million dekatherms per day (MMDth/d) of year-round natural gas transportation services from the Marcellus Shale producing region in northern Pennsylvania to markets in New Jersey, eastern and southeastern Pennsylvania and surrounding states. The Project will include a new pipeline and aboveground facilities that will provide a new source of low cost natural gas and enhance the region's supply diversity. The Project facilities include a 36-inch diameter, 115-mile mainline pipeline extending from Luzerne County, Pennsylvania, to Mercer County, New Jersey. The Project will extend from various receipt point interconnections in the eastern Marcellus region to various delivery point interconnections in the heart of major northeastern natural gas-consuming markets.

Floodplain Management Analysis

The Project will cross Federal Emergency Management Agency (FEMA) 100-year floodplains within Kidder Township as shown on the attached map. Pipeline construction across watercourses and their floodplains will be performed in accordance with applicable permit conditions, the Federal Energy Regulatory Commission's (FERC's) Wetland and Waterbody Construction and Mitigation Procedures, and PennEast's Erosion and Sediment Control Plan (E&SCP). PennEast proposes to construct the pipeline across watercourses using conventional open-cut, dry crossing methods and trenchless techniques including horizontal directional drilling and conventional bores. Pre-construction contours will be restored after construction is complete; therefore, impacts within floodplains will be temporary in nature. The Project is not anticipated to result in increased flood elevations or encroachment within floodplains. There are no aboveground facilities or proposed permanent access roads sited in FEMA Special Flood Hazard Areas.

PennEast will continue to coordinate with the PADEP and US Army Corps of Engineers to obtain the required federal and state permits for temporary impacts to watercourses. If you have any comments regarding floodplain impacts, please direct comments to the PADEP Northeast Regional Office,



Waterways and Wetlands Program at 2 Public Square, Wilkes-Barre, Pennsylvania 18701-1915 or call 570-826-2511.

Yours sincerely,

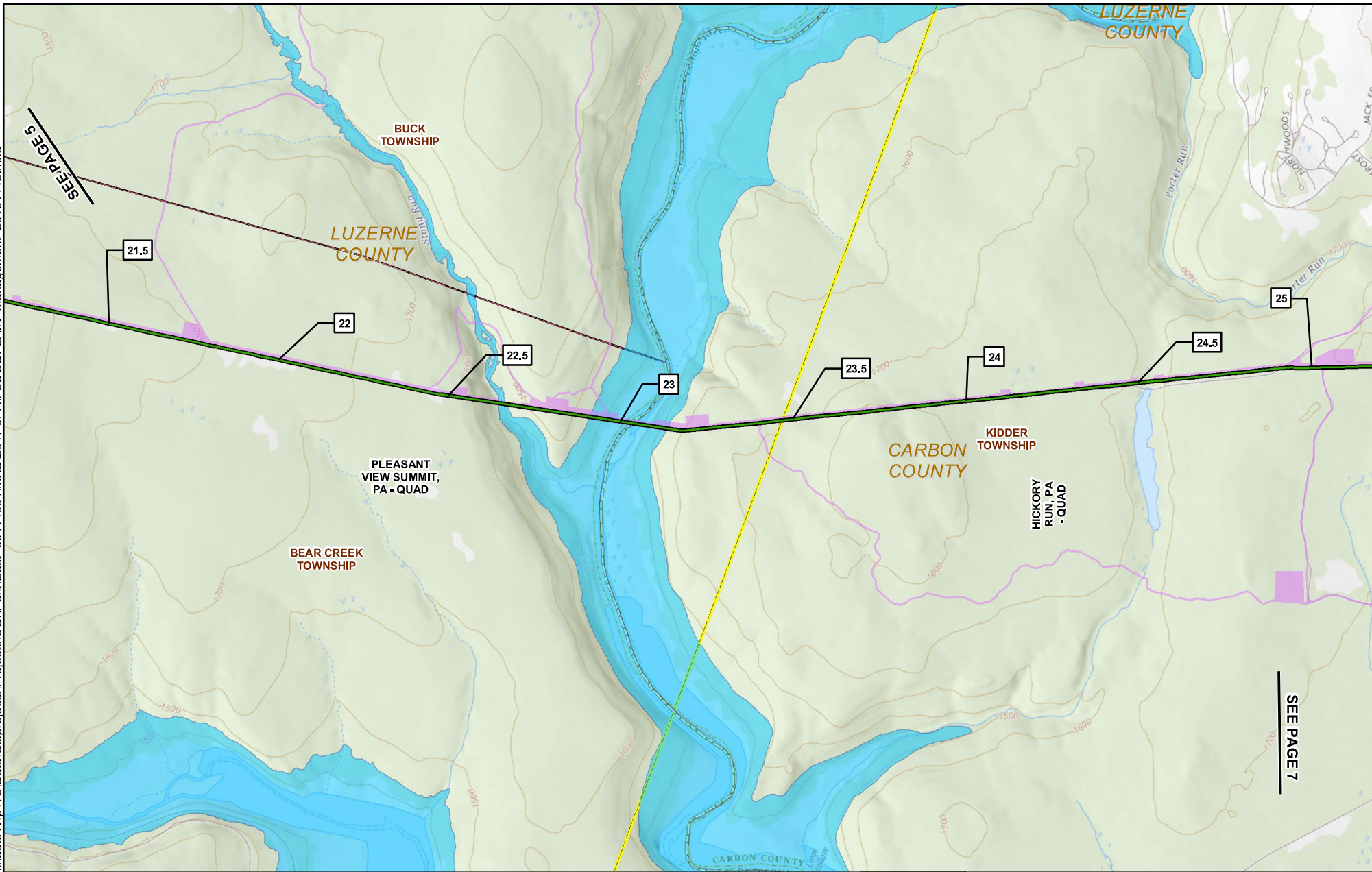
A handwritten signature in black ink that reads "Sarah K. Binckley". The signature is written in a cursive, flowing style.

Sarah K. Binckley
Project Manager, AECOM

cc: Casey Monagan, UGI Energy Services
Amber Holly, UGI Energy Services

Attachment

PennEast Pipeline Project 100-Year Floodplain Map



1	MILEPOST	FEMA 100-YEAR FLOOD ZONE
1R	MILEPOST (STATION EQUATION DUE TO REROUTE)	A
	PROPOSED PERMANENT ABOVE GROUND FACILITY	AE
	PROPOSED HELLERTOWN LATERAL	AH
	PROPOSED PENNEAST PIPELINE CENTERLINE	AO
	PROPOSED CONSTRUCTION LIMIT	
	USGS QUADRANGLE BOUNDARY	

PENNEAST PIPELINE PROJECT 100-YEAR FLOODPLAIN MAP

**LUZERNE & CARBON COUNTIES,
PENNSYLVANIA**



ABSOLUTE SCALE:
1:24,000

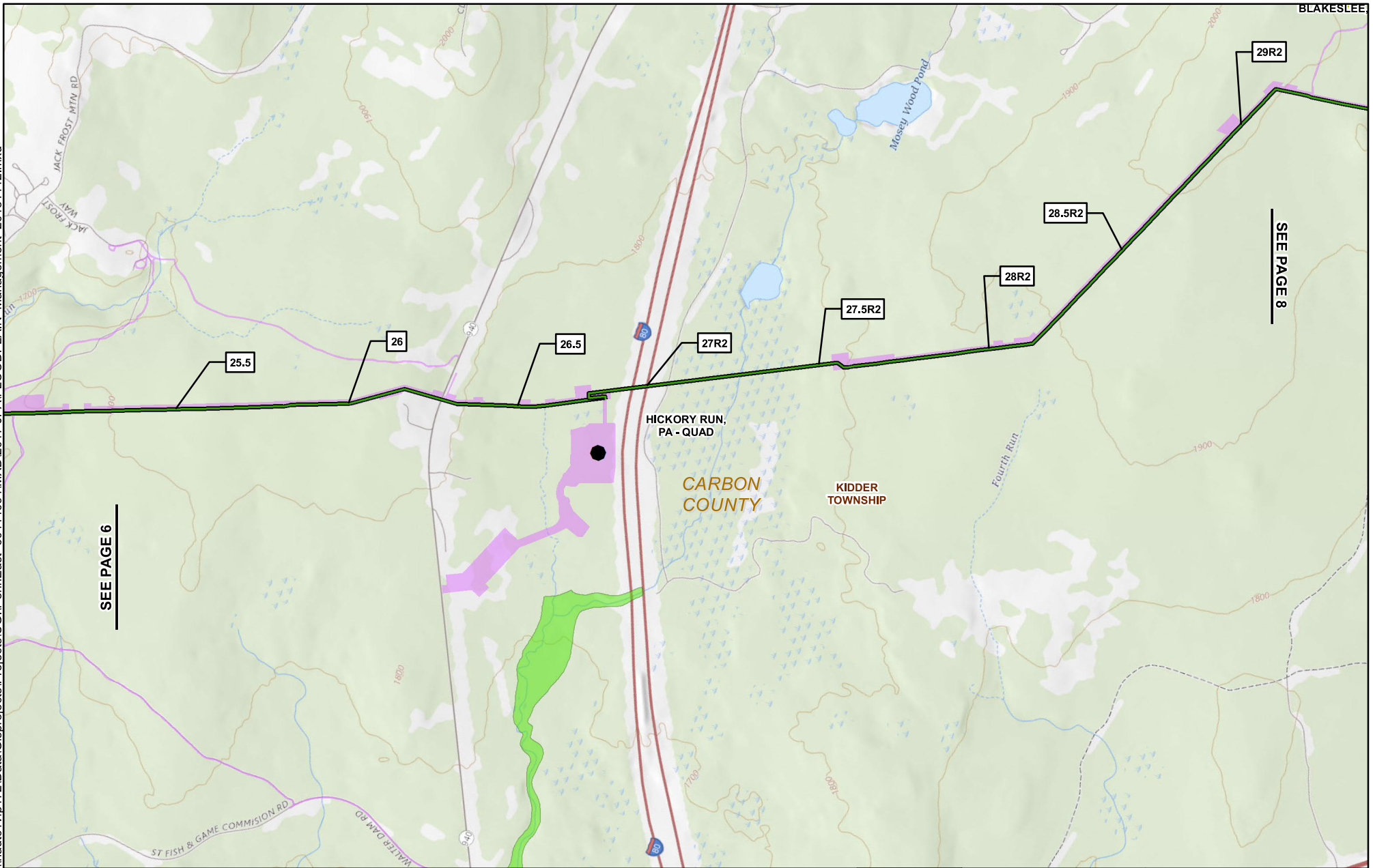
REFERENCE SCALE:
1 IN = 2,000 FT



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PAGE: PAGE 6 OF 20

SEE PAGE 5

SEE PAGE 7



SEE PAGE 6

SEE PAGE 8

1	MILEPOST	FEMA 100-YEAR FLOOD ZONE
1R	MILEPOST (STATION EQUATION DUE TO REROUTE)	A
	PROPOSED PERMANENT ABOVE GROUND FACILITY	AE
	PROPOSED HELLERTOWN LATERAL	AH
	PROPOSED PENNEAST PIPELINE CENTERLINE	AO
	PROPOSED CONSTRUCTION LIMIT	
	USGS QUADRANGLE BOUNDARY	

PENNEAST PIPELINE PROJECT 100-YEAR FLOODPLAIN MAP

**CARBON COUNTY,
PENNSYLVANIA**

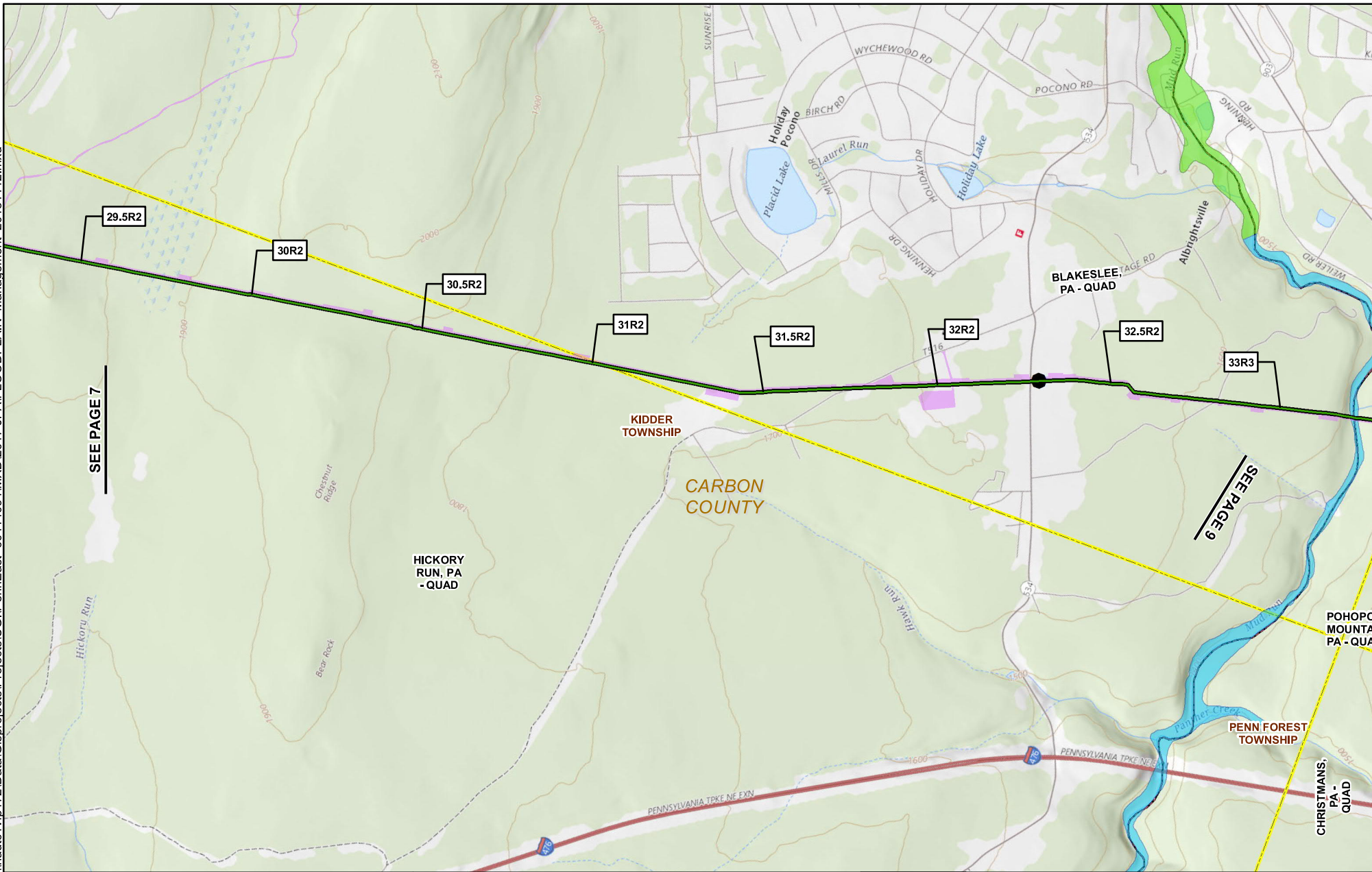


ABSOLUTE SCALE:
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REFERENCE SCALE:
1 IN = 2,000 FT



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1	MILEPOST	FEMA 100-YEAR FLOOD ZONE
1R	MILEPOST (STATION EQUATION DUE TO REROUTE)	A
	PROPOSED PERMANENT ABOVE GROUND FACILITY	AE
	PROPOSED HELLERTOWN LATERAL	AH
	PROPOSED PENNEAST PIPELINE CENTERLINE	AO
	PROPOSED CONSTRUCTION LIMIT	
	USGS QUADRANGLE BOUNDARY	

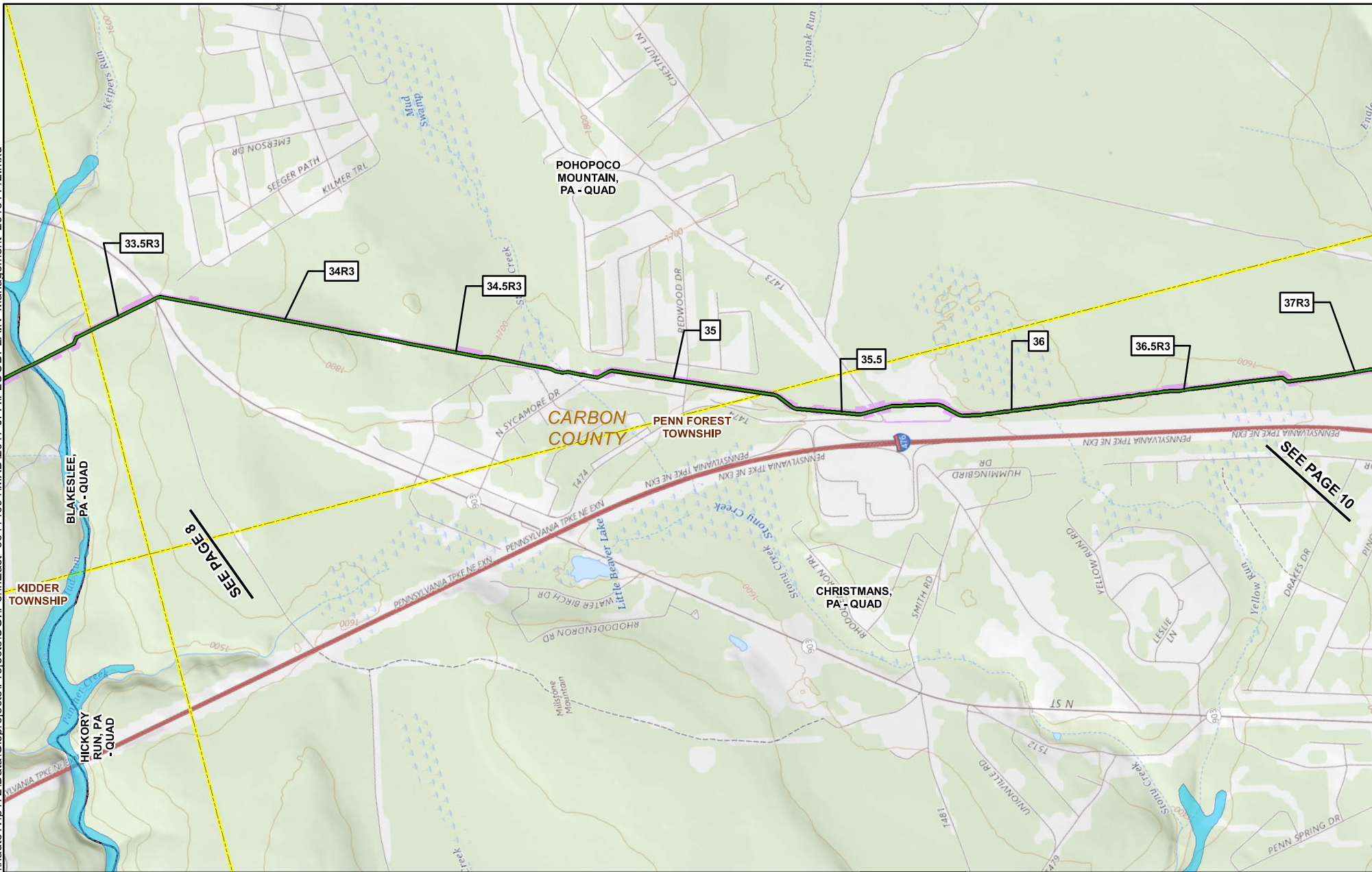
PENNEAST PIPELINE PROJECT 100-YEAR FLOODPLAIN MAP

CARBON COUNTY, PENNSYLVANIA

ABSOLUTE SCALE: 1:24,000

REFERENCE SCALE: 1 IN = 2,000 FT

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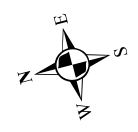
SEE PAGE 8

SEE PAGE 10

	MILEPOST		A
	MILEPOST (STATION EQUATION DUE TO REROUTE)		AE
	PROPOSED PERMANENT ABOVE GROUND FACILITY		AH
	PROPOSED HELLERTOWN LATERAL		AO
	PROPOSED PENNEAST PIPELINE CENTERLINE		TOWNSHIP BOUNDARY
	PROPOSED CONSTRUCTION LIMIT		COUNTY BOUNDARY
	USGS QUADRANGLE BOUNDARY		STATE BOUNDARY

PENNEAST PIPELINE PROJECT 100-YEAR FLOODPLAIN MAP

**CARBON COUNTY,
PENNSYLVANIA**



ABSOLUTE SCALE:
1:24,000

REFERENCE SCALE:
1 IN = 2,000 FT



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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.

<p style="text-align: center;">Related ID#s (If Known)</p> <p>Client ID# _____ APS ID# _____</p> <p>Site ID# _____ Auth ID# _____</p> <p>Facility ID# _____</p>	<p>DEP USE ONLY</p> <p>Date Received & General Notes</p>
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CLIENT INFORMATION

DEP Client ID#	Client Type / Code LLC				
Organization Name or Registered Fictitious Name PennEast Pipeline Company LLC		Employer ID# (EIN) 47-1573364	Dun & Bradstreet ID#		
Individual Last Name	First Name	MI	Suffix	SSN	
Additional Individual Last Name	First Name	MI	Suffix	SSN	
Mailing Address Line 1 1 Meridian Boulevard		Mailing Address Line 2 Suite 2C01			
Address Last Line – City Wyomissing		State PA	ZIP+4 19610	Country USA	
Client Contact Last Name Holly	First Name Amber	MI	Suffix	SSN	
Client Contact Title Environmental Project Manager		Phone 610-373-7999	Ext 1172		
Email Address aholly@ugies.com		FAX			

SITE INFORMATION

DEP Site ID#	Site Name PennEast Pipeline Project				
EPA ID#	Estimated Number of Employees to be Present at Site				
Description of Site Proposed natural gas pipeline right-of-way and the associated temporary workspace, compressor station, appurtenant facilities, access roads, staging areas, and wareyards necessary to construct the Project. Additional site description information is provided in JPA Section J - Project Narrative.					
County Name	Municipality	City	Boro	Twp	State
Luzerne, Carbon, Monroe, Northampton, and Bucks	(Luzerne:) Bear Creek Twp, Dallas Twp, Jenkins Twp, Kingston Twp, Plains Twp, West Wyoming Borough, Wyoming Borough, (Carbon:) Kidder Twp, Lower Towamensing Twp, Penn Forest Twp, Towamensing Twp, (Monroe:) Eldred Twp, (Northampton:) Bethlehem Twp, East Allen Twp, Easton City, Lower Nazareth Twp, Lower Saucon Twp, Moore Twp, Upper Nazareth Twp, Williams Twp, (Bucks:) Durham Twp, Riegelsville Borough	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	PA
County Name	Municipality	City	Boro	Twp	State
		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Site Location Line 1 The PA portion of the PennEast Mainline Pipeline begins in Dallas Twp, Luzerne County and extends to Durham		Site Location Line 2 The Hellertown Lateral is located in Lower Saucon Twp, Northampton County. Additional site location information			

Twp, Bucks County. Additional site location information is provided in JPA Section J - Project Narrative.

Site Location Last Line – City State ZIP+4

Detailed Written Directions to Site

From Wilkes-Barre: head north on PA-309. At the intersection with State Route 415, bear right to continue on State Route 309/Tunkhannock Highway. After 1 mile, turn right on Upper Demunds Road. Immediately turn right on Hildebrandt Road. After 0.7 mile, turn right onto an unnamed road and follow 0.25 mile to the Wyoming Interconnect and the start of the PennEast Mainline. The entry and exit location for each county crossed by the Project is provided in JPA Section J - Project Narrative.

Site Contact Last Name Holly		First Name Amber	MI	Suffix
Site Contact Title Environmental Project Manager		Site Contact Firm UGI Energy Services, LLC		
Mailing Address Line 1 1 Meridian Boulevard		Mailing Address Line 2 Suite 2C01		
Mailing Address Last Line – City Wyomissing		State PA	ZIP+4 19610	
Phone 610-373-7999	Ext 1172	FAX	Email Address aholly@ugies.com	
NAICS Codes (Two- & Three-Digit Codes – List All That Apply) 22, 23, 48			6-Digit Code (Optional) 221210, 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 type="checkbox"/>	<input checked="" type="checkbox"/>
2.	Will this project involve an addition to an existing facility, system, or activity?	<input type="checkbox"/>	<input checked="" type="checkbox"/>

If "Yes", check all relevant facility types and provide DEP facility identification numbers below.

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 DrainageTrmt/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 type="checkbox"/> Oil & Gas Location	_____
<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
Station 0+00	41	20	48	75	56	43
Horizontal Accuracy Measure	Feet			--or-- Meters		
Horizontal Reference Datum Code	<input type="checkbox"/> North American Datum of 1927 <input type="checkbox"/> North American Datum of 1983 <input checked="" type="checkbox"/> World Geodetic System of 1984					
Horizontal Collection Method Code	GISDR					
Reference Point Code	CENTER					
Altitude	Feet 1280			--or-- Meters		
Altitude Datum Name	<input type="checkbox"/> The National Geodetic Vertical Datum of 1929 <input checked="" type="checkbox"/> The North American Vertical Datum of 1988 (NAVD88)					

Altitude (Vertical) Location Datum Collection Method Code	TOPO	
Geometric Type Code	POINT	
Data Collection Date	12/08/2018	
Source Map Scale Number	1	Inch(es) = 2000 Feet
	--or--	Centimeter(s) = Meters

PROJECT INFORMATION

Project Name
PennEast Pipeline Project

Project Description
See Project Description in JPA Section J

Project Consultant Last Name	First Name	MI	Suffix
Binckley	Sarah	K	

Project Consultant Title **Consulting Firm**
Project Manager AECOM

Mailing Address Line 1 **Mailing Address Line 2**
625 West Ridge Pike Suite E-100

Address Last Line – City **State** **ZIP+4**
Conshohocken PA 19428

Phone	Ext	FAX	Email Address
610-832-2713		610-832-3501	sarah.binckley@aecom.com

Time Schedules	Project Milestone (Optional)
09/2015	PennEast submitted FERC Application for Certificate of Public Convenience and Necessity
02/2016 - 03/2016	PennEast submitted PADEP Joint Permit Applications and ESCGP-2 applications
01/2018	Received FERC Certificate of Public Convenience and Necessity
12/2018	PennEast submits revised Joint Permit Applications and ESCGP-3 applications

- Have you informed the surrounding community and addressed any concerns prior to submitting the application to the Department? Yes No
- 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: _____
- 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.

- Is there an adopted county or multi-county comprehensive plan? Yes No
- Is there an adopted municipal or multi-municipal comprehensive plan? Yes No
- 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.
- 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
- 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 type="checkbox"/>	Yes	<input checked="" 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 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 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 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 1289.4	<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 type="checkbox"/>	Yes	<input checked="" 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 checked="" type="checkbox"/>	Yes	<input 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? 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 checked="" type="checkbox"/>	Yes	<input 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? If "Yes", identify the dam.	<input type="checkbox"/>	Yes	<input checked="" type="checkbox"/>	No
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.	The Project operational total Potential to Emit (PTE) in tons per year includes: NOx – 141; CO – 141; SO2 – 5.8; PM10 – 28; PM2.5 – 28; VOC – 13; GHG – 260,800; CH2O – 3.9; Total HAPs – 5.1			
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 type="checkbox"/>	Yes	<input checked="" type="checkbox"/>	No
16.0.1	Supplier's Name				
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 type="checkbox"/>	Yes	<input checked="" 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. Note: 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. Note: 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

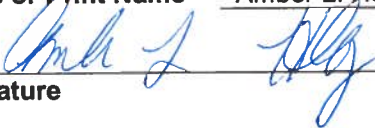
23.0.1 Enter all substances & capacity of each; separate each set with semicolons.

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 Amber L. Holly



Environmental Project Manager

12/10/18

Signature

Title

Date

Subject:

FW: FedEx Shipment 773978892904 Delivered



Your package has been delivered

Tracking # 773978892904

Ship date: Mon, 12/17/2018		Delivery date: Tue, 12/18/2018 1:25 pm
Sarah Binckley AECOM CONSHOHOCKEN, PA 19428 US		Lisa M. Klem Kidder Township 10 Lake Harmony Road LAKE HARMONY, PA 18624 US

Shipment Facts

Our records indicate that the following package has been delivered.

Tracking number:	773978892904
Status:	Delivered: 12/18/2018 1:25 PM Signed for By: C.LINDSEY
Reference:	60414094. 20000363.00035.08.
Signed for by:	C.LINDSEY
Delivery location:	LAKE HARMONY, PA
Delivered to:	Receptionist/Front Desk
Service type:	FedEx Standard Overnight®
Packaging type:	FedEx® Envelope
Number of pieces:	1
Weight:	1.00 lb.
Special handling/Services:	Deliver Weekday
Standard transit:	12/18/2018 by 4:30 pm

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All weights are estimated.

To track the latest status of your shipment, click on the tracking number above.

Standard transit is the date and time the package is scheduled to be delivered by, based on the selected service, destination and ship date. Limitations and exceptions may apply. Please see the FedEx Service Guide for terms and conditions of service, including the FedEx Money-Back Guarantee, or contact your FedEx Customer Support representative.

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Thank you for your business.



625 West Ridge Pike
Suite E-100
Conshohocken, PA 19428
www.aecom.com
www.urs.com

610 832 3500 tel
610 832 3501 fax

December 17, 2018

Lower Towamensing Township Supervisors
Brent Green
595 Hahns Dairy Road
Palmerton, PA 18071

**Subject: Updated Floodplain Management Analysis
PennEast Pipeline
Carbon County, Pennsylvania**

Dear Brent Green,

On February 2, 2016, AECOM notified Lower Towamensing Township that PennEast Pipeline Company, LLC (PennEast) was submitting Pennsylvania Chapter 105 Joint Permit Applications (JPAs) for authorization of wetland and watercourse crossings for the PennEast Pipeline Project (Project). The initial JPAs were submitted in February 2016, and PennEast will be submitting updated JPAs to the Pennsylvania Department of Environmental Protection (PADEP) in December 2018. In accordance with 25 Pennsylvania Code §105.13(e)(I)(vi), PennEast is providing this floodplain management analysis for Project impacts within Lower Towamensing Township.

Project Description

PennEast proposes to construct, install and operate the Project facilities to provide approximately 1.1 million dekatherms per day (MMDth/d) of year-round natural gas transportation services from the Marcellus Shale producing region in northern Pennsylvania to markets in New Jersey, eastern and southeastern Pennsylvania and surrounding states. The Project will include a new pipeline and aboveground facilities that will provide a new source of low cost natural gas and enhance the region's supply diversity. The Project facilities include a 36-inch diameter, 115-mile mainline pipeline extending from Luzerne County, Pennsylvania, to Mercer County, New Jersey. The Project will extend from various receipt point interconnections in the eastern Marcellus region to various delivery point interconnections in the heart of major northeastern natural gas-consuming markets.

Floodplain Management Analysis

The Project will cross Federal Emergency Management Agency (FEMA) 100-year floodplains within Lower Towamensing Township as shown on the attached map. Pipeline construction across watercourses and their floodplains will be performed in accordance with applicable permit conditions, the Federal Energy Regulatory Commission's (FERC's) Wetland and Waterbody Construction and Mitigation Procedures, and PennEast's Erosion and Sediment Control Plan (E&SCP). PennEast proposes to construct the pipeline across watercourses using conventional open-cut, dry crossing methods and trenchless techniques including horizontal directional drilling and conventional bores. Pre-construction contours will be restored after construction is complete; therefore, impacts within floodplains will be temporary in nature. The Project is not anticipated to result in increased flood elevations or encroachment within floodplains. There are no aboveground facilities or proposed permanent access roads sited in FEMA Special Flood Hazard Areas.

PennEast will continue to coordinate with the PADEP and US Army Corps of Engineers to obtain the required federal and state permits for temporary impacts to watercourses. If you have any comments regarding floodplain impacts, please direct comments to the PADEP Northeast Regional Office,



Waterways and Wetlands Program at 2 Public Square, Wilkes-Barre, Pennsylvania 18701-1915 or call 570-826-2511.

Yours sincerely,

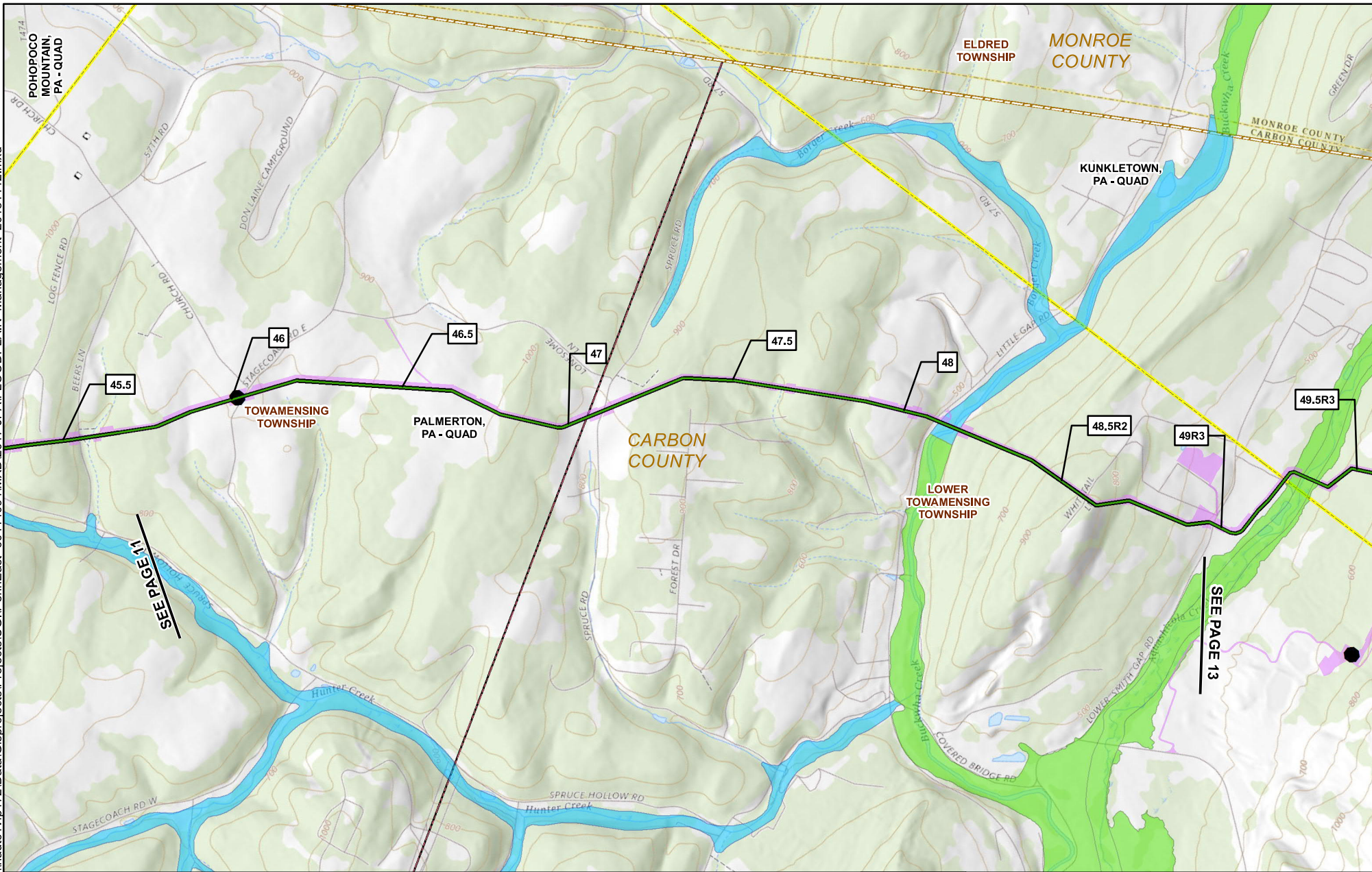
A handwritten signature in black ink that reads "Sarah K. Binckley". The signature is written in a cursive, flowing style.

Sarah K. Binckley
Project Manager, AECOM

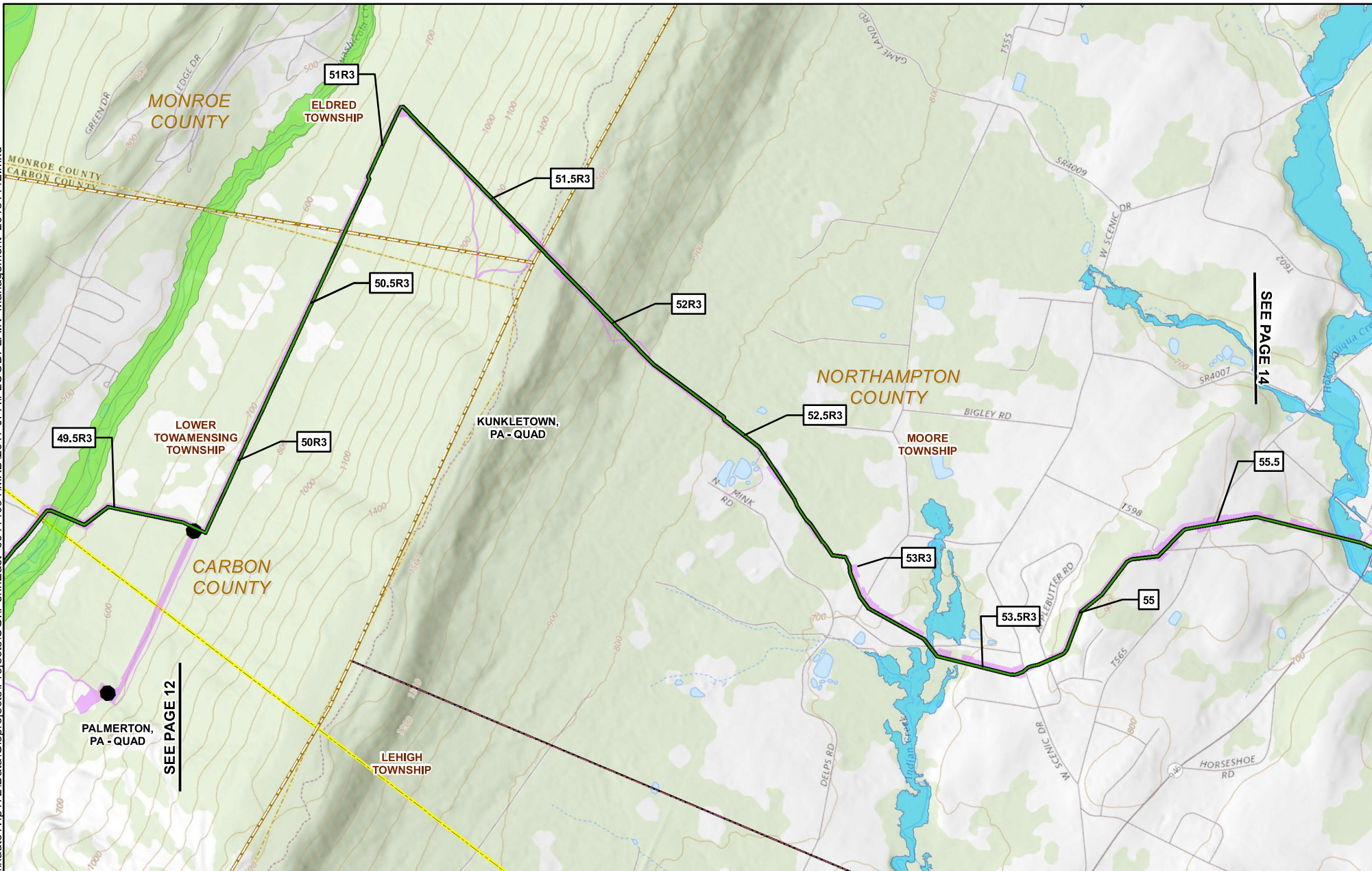
cc: Casey Monagan, UGI Energy Services
Amber Holly, UGI Energy Services

Attachment

PennEast Pipeline Project 100-Year Floodplain Map



1	MILEPOST	FEMA 100-YEAR FLOOD ZONE
1R	MILEPOST (STATION EQUATION DUE TO REROUTE)	A
	PROPOSED PERMANENT ABOVE GROUND FACILITY	AE
	PROPOSED HELLERTOWN LATERAL	AH
	PROPOSED PENNEAST PIPELINE CENTERLINE	AO
	PROPOSED CONSTRUCTION LIMIT	
	USGS QUADRANGLE BOUNDARY	



SEE PAGE 12

SEE PAGE 14

1	MILEPOST	FEMA 100-YEAR FLOOD ZONE
1R	MILEPOST (STATION EQUATION DUE TO REROUTE)	A
	PROPOSED PERMANENT ABOVE GROUND FACILITY	AE
	PROPOSED HELLERTOWN LATERAL	AH
	PROPOSED PENNEAST PIPELINE CENTERLINE	AO
	PROPOSED CONSTRUCTION LIMIT	
	USGS QUADRANGLE BOUNDARY	

PENNEAST PIPELINE PROJECT 100-YEAR FLOODPLAIN MAP

CARBON, MONROE, & NORTHAMPTON COUNTIES, PENNSYLVANIA



ABSOLUTE SCALE:
1:24,000

REFERENCE SCALE:
1 IN = 2,000 FT



DRAWN BY: KFS
CHECKED BY:
APPROVED BY:
REV. DATE: 11/19/2018
REVISION:
DESC: ISSUED FOR PERMITTING
PAGE: PAGE 13 OF 20

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) Client ID# _____ APS ID# _____ Site ID# _____ Auth ID# _____ Facility ID# _____		DEP USE ONLY Date Received & General Notes
--	--	--

CLIENT INFORMATION

DEP Client ID#	Client Type / Code			
	LLC			
Organization Name or Registered Fictitious Name		Employer ID# (EIN)	Dun & Bradstreet ID#	
PennEast Pipeline Company LLC		47-1573364		
Individual Last Name	First Name	MI	Suffix	SSN
Additional Individual Last Name	First Name	MI	Suffix	SSN
Mailing Address Line 1		Mailing Address Line 2		
1 Meridian Boulevard		Suite 2C01		
Address Last Line – City		State	ZIP+4	Country
Wyomissing		PA	19610	USA
Client Contact Last Name	First Name	MI	Suffix	
Holly	Amber			
Client Contact Title		Phone	Ext	
Environmental Project Manager		610-373-7999	1172	
Email Address		FAX		
aholly@ugies.com				

SITE INFORMATION

DEP Site ID#	Site Name				
	PennEast Pipeline Project				
EPA ID#	Estimated Number of Employees to be Present at Site				
Description of Site					
Proposed natural gas pipeline right-of-way and the associated temporary workspace, compressor station, appurtenant facilities, access roads, staging areas, and wareyards necessary to construct the Project. Additional site description information is provided in JPA Section J - Project Narrative.					
County Name	Municipality	City	Boro	Twp	State
Luzerne, Carbon, Monroe, Northampton, and Bucks	(Luzerne:) Bear Creek Twp, Dallas Twp, Jenkins Twp, Kingston Twp, Plains Twp, West Wyoming Borough, Wyoming Borough, (Carbon:) Kidder Twp, Lower Towamensing Twp, Penn Forest Twp, Towamensing Twp, (Monroe:) Eldred Twp, (Northampton:) Bethlehem Twp, East Allen Twp, Easton City, Lower Nazareth Twp, Lower Saucon Twp, Moore Twp, Upper Nazareth Twp, Williams Twp, (Bucks:) Durham Twp, Riegelsville Borough	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	PA
County Name	Municipality	City	Boro	Twp	State
		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Site Location Line 1		Site Location Line 2			
The PA portion of the PennEast Mainline Pipeline begins in Dallas Twp, Luzerne County and extends to Durham		The Hellertown Lateral is located in Lower Saucon Twp, Northampton County. Additional site location information			

Twp, Bucks County. Additional site location information is provided in JPA Section J - Project Narrative.

Site Location Last Line – City State ZIP+4

Detailed Written Directions to Site

From Wilkes-Barre: head north on PA-309. At the intersection with State Route 415, bear right to continue on State Route 309/Tunkhannock Highway. After 1 mile, turn right on Upper Demunds Road. Immediately turn right on Hildebrandt Road. After 0.7 mile, turn right onto an unnamed road and follow 0.25 mile to the Wyoming Interconnect and the start of the PennEast Mainline. The entry and exit location for each county crossed by the Project is provided in JPA Section J - Project Narrative.

Site Contact Last Name Holly		First Name Amber	MI	Suffix
Site Contact Title Environmental Project Manager		Site Contact Firm UGI Energy Services, LLC		
Mailing Address Line 1 1 Meridian Boulevard		Mailing Address Line 2 Suite 2C01		
Mailing Address Last Line – City Wyomissing		State PA	ZIP+4 19610	
Phone 610-373-7999	Ext 1172	FAX	Email Address aholly@ugies.com	
NAICS Codes (Two- & Three-Digit Codes – List All That Apply) 22, 23, 48			6-Digit Code (Optional) 221210, 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 type="checkbox"/>	<input checked="" type="checkbox"/>
2.	Will this project involve an addition to an existing facility, system, or activity?	<input type="checkbox"/>	<input checked="" type="checkbox"/>

If "Yes", check all relevant facility types and provide DEP facility identification numbers below.

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 DrainagETrmt/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 type="checkbox"/> Oil & Gas Location	_____
<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
Station 0+00	41	20	48	75	56	43
Horizontal Accuracy Measure	Feet			--or--	Meters	
Horizontal Reference Datum Code	<input type="checkbox"/> North American Datum of 1927 <input type="checkbox"/> North American Datum of 1983 <input checked="" type="checkbox"/> World Geodetic System of 1984					
Horizontal Collection Method Code	GISDR					
Reference Point Code	CENTER					
Altitude	Feet 1280			--or--	Meters	
Altitude Datum Name	<input type="checkbox"/> The National Geodetic Vertical Datum of 1929 <input checked="" type="checkbox"/> The North American Vertical Datum of 1988 (NAVD88)					

Altitude (Vertical) Location Datum Collection Method Code	TOPO		
Geometric Type Code	POINT		
Data Collection Date	12/08/2018		
Source Map Scale Number	1	Inch(es)	= 2000 Feet
	--or--	Centimeter(s)	= Meters

PROJECT INFORMATION

Project Name
PennEast Pipeline Project

Project Description
See Project Description in JPA Section J

Project Consultant Last Name	First Name	MI	Suffix
Binckley	Sarah	K	

Project Consultant Title **Consulting Firm**
Project Manager AECOM

Mailing Address Line 1	Mailing Address Line 2
625 West Ridge Pike	Suite E-100
Address Last Line – City	State ZIP+4
Conshohocken	PA 19428

Phone	Ext	FAX	Email Address
610-832-2713		610-832-3501	sarah.binckley@aecom.com

Time Schedules	Project Milestone (Optional)
09/2015	PennEast submitted FERC Application for Certificate of Public Convenience and Necessity
02/2016 - 03/2016	PennEast submitted PADEP Joint Permit Applications and ESCGP-2 applications
01/2018	Received FERC Certificate of Public Convenience and Necessity
12/2018	PennEast submits revised Joint Permit Applications and ESCGP-3 applications

- Have you informed the surrounding community and addressed any concerns prior to submitting the application to the Department? Yes No
- 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: _____
- 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.

- Is there an adopted county or multi-county comprehensive plan? Yes No
- Is there an adopted municipal or multi-municipal comprehensive plan? Yes No
- 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.
- 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
- 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 type="checkbox"/>	Yes	<input checked="" 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 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 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 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 1289.4	<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 type="checkbox"/>	Yes	<input checked="" 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 checked="" type="checkbox"/>	Yes	<input 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? 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 checked="" type="checkbox"/>	Yes	<input 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? If "Yes", identify the dam.	<input type="checkbox"/>	Yes	<input checked="" type="checkbox"/>	No
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.	The Project operational total Potential to Emit (PTE) in tons per year includes: NOx – 141; CO – 141; SO2 – 5.8; PM10 – 28; PM2.5 – 28; VOC – 13; GHG – 260,800; CH2O – 3.9; Total HAPs – 5.1			
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 type="checkbox"/>	Yes	<input checked="" type="checkbox"/>	No
16.0.1	Supplier's Name				
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 type="checkbox"/>	Yes	<input checked="" 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. Note: 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. Note: 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

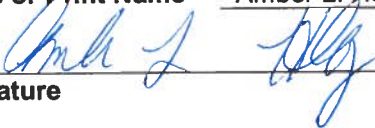
23.0.1 Enter all substances & capacity of each; separate each set with semicolons.

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 Amber L. Holly



Environmental Project Manager

Signature

Title

12/10/18

Date


Subject:

FW: FedEx Shipment 773980143013 Delivered

Your package has been delivered

Tracking # 773980143013


Ship date: Mon, 12/17/2018	Delivery date: Tue, 12/18/2018 4:25 pm
Sarah Binckley AECOM CONSHOHOCKEN, PA 19428 US	Brent Green Lower Towamensing Township 595 Hahns Dairy Road PALMERTON, PA 18071 US



Shipment Facts

Our records indicate that the following package has been delivered.

Tracking number:	773980143013
Status:	Delivered: 12/18/2018 4:25 PM Signed for By: C.WENTZ
Reference:	60414094. 20000363.00035.08
Signed for by:	C.WENTZ
Delivery location:	PALMERTON, PA
Delivered to:	Receptionist/Front Desk
Service type:	FedEx Standard Overnight®
Packaging type:	FedEx® Envelope
Number of pieces:	1
Weight:	0.50 lb.
Special handling/Services:	Deliver Weekday
Standard transit:	12/18/2018 by 3:00 pm

 Please do not respond to this message. This email was sent from an unattended mailbox. This report was generated at approximately 3:32 PM CST on 12/18/2018.

All weights are estimated.

To track the latest status of your shipment, click on the tracking number above.

Standard transit is the date and time the package is scheduled to be delivered by, based on the selected service, destination and ship date. Limitations and exceptions may apply. Please see the FedEx Service Guide for terms and conditions of service, including the FedEx Money-Back Guarantee, or contact your FedEx Customer Support representative.

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Thank you for your business.



625 West Ridge Pike
Suite E-100
Conshohocken, PA 19428
www.aecom.com
www.urs.com

610 832 3500 tel
610 832 3501 fax

December 17, 2018

Penn Forest Township Supervisors
Dana Vitale
2010 SR 903
Jim Thorpe, PA 18229

**Subject: Updated Floodplain Management Analysis
PennEast Pipeline
Carbon County, Pennsylvania**

Dear Dana Vitale,

On February 2, 2016, AECOM notified Penn Forest Township that PennEast Pipeline Company, LLC (PennEast) was submitting Pennsylvania Chapter 105 Joint Permit Applications (JPAs) for authorization of wetland and watercourse crossings for the PennEast Pipeline Project (Project). The initial JPAs were submitted in February 2016, and PennEast will be submitting updated JPAs to the Pennsylvania Department of Environmental Protection (PADEP) in December 2018. In accordance with 25 Pennsylvania Code §105.13(e)(I)(vi), PennEast is providing this floodplain management analysis for Project impacts within Penn Forest Township.

Project Description

PennEast proposes to construct, install and operate the Project facilities to provide approximately 1.1 million dekatherms per day (MMDth/d) of year-round natural gas transportation services from the Marcellus Shale producing region in northern Pennsylvania to markets in New Jersey, eastern and southeastern Pennsylvania and surrounding states. The Project will include a new pipeline and aboveground facilities that will provide a new source of low cost natural gas and enhance the region's supply diversity. The Project facilities include a 36-inch diameter, 115-mile mainline pipeline extending from Luzerne County, Pennsylvania, to Mercer County, New Jersey. The Project will extend from various receipt point interconnections in the eastern Marcellus region to various delivery point interconnections in the heart of major northeastern natural gas-consuming markets.

Floodplain Management Analysis

The Project will cross Federal Emergency Management Agency (FEMA) 100-year floodplains within Penn Forest Township as shown on the attached map. Pipeline construction across watercourses and their floodplains will be performed in accordance with applicable permit conditions, the Federal Energy Regulatory Commission's (FERC's) Wetland and Waterbody Construction and Mitigation Procedures, and PennEast's Erosion and Sediment Control Plan (E&SCP). PennEast proposes to construct the pipeline across watercourses using conventional open-cut, dry crossing methods and trenchless techniques including horizontal directional drilling and conventional bores. Pre-construction contours will be restored after construction is complete; therefore, impacts within floodplains will be temporary in nature. The Project is not anticipated to result in increased flood elevations or encroachment within floodplains. There are no aboveground facilities or proposed permanent access roads sited in FEMA Special Flood Hazard Areas.

PennEast will continue to coordinate with the PADEP and US Army Corps of Engineers to obtain the required federal and state permits for temporary impacts to watercourses. If you have any comments regarding floodplain impacts, please direct comments to the PADEP Northeast Regional Office,



Waterways and Wetlands Program at 2 Public Square, Wilkes-Barre, Pennsylvania 18701-1915 or call 570-826-2511.

Yours sincerely,

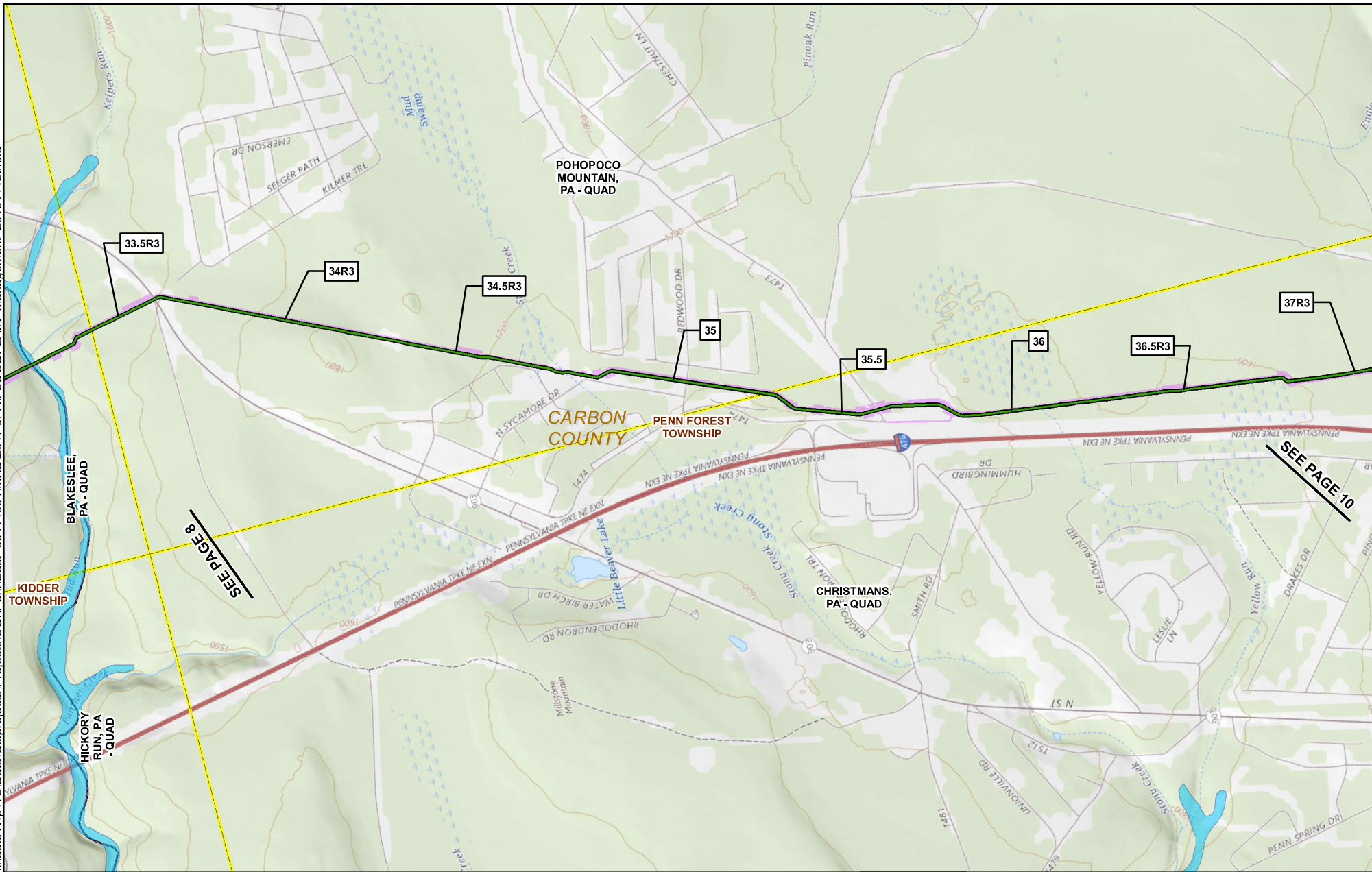
A handwritten signature in black ink that reads "Sarah K. Binckley". The signature is written in a cursive, flowing style.

Sarah K. Binckley
Project Manager, AECOM

cc: Casey Monagan, UGI Energy Services
Amber Holly, UGI Energy Services

Attachment

PennEast Pipeline Project 100-Year Floodplain Map



	MILEPOST		A
	MILEPOST (STATION EQUATION DUE TO REROUTE)		AE
	PROPOSED PERMANENT ABOVE GROUND FACILITY		AH
	PROPOSED HELLERTOWN LATERAL		AO
	PROPOSED PENNEAST PIPELINE CENTERLINE		TOWNSHIP BOUNDARY
	PROPOSED CONSTRUCTION LIMIT		COUNTY BOUNDARY
	USGS QUADRANGLE BOUNDARY		STATE BOUNDARY

PENNEAST PIPELINE PROJECT 100-YEAR FLOODPLAIN MAP

**CARBON COUNTY,
PENNSYLVANIA**

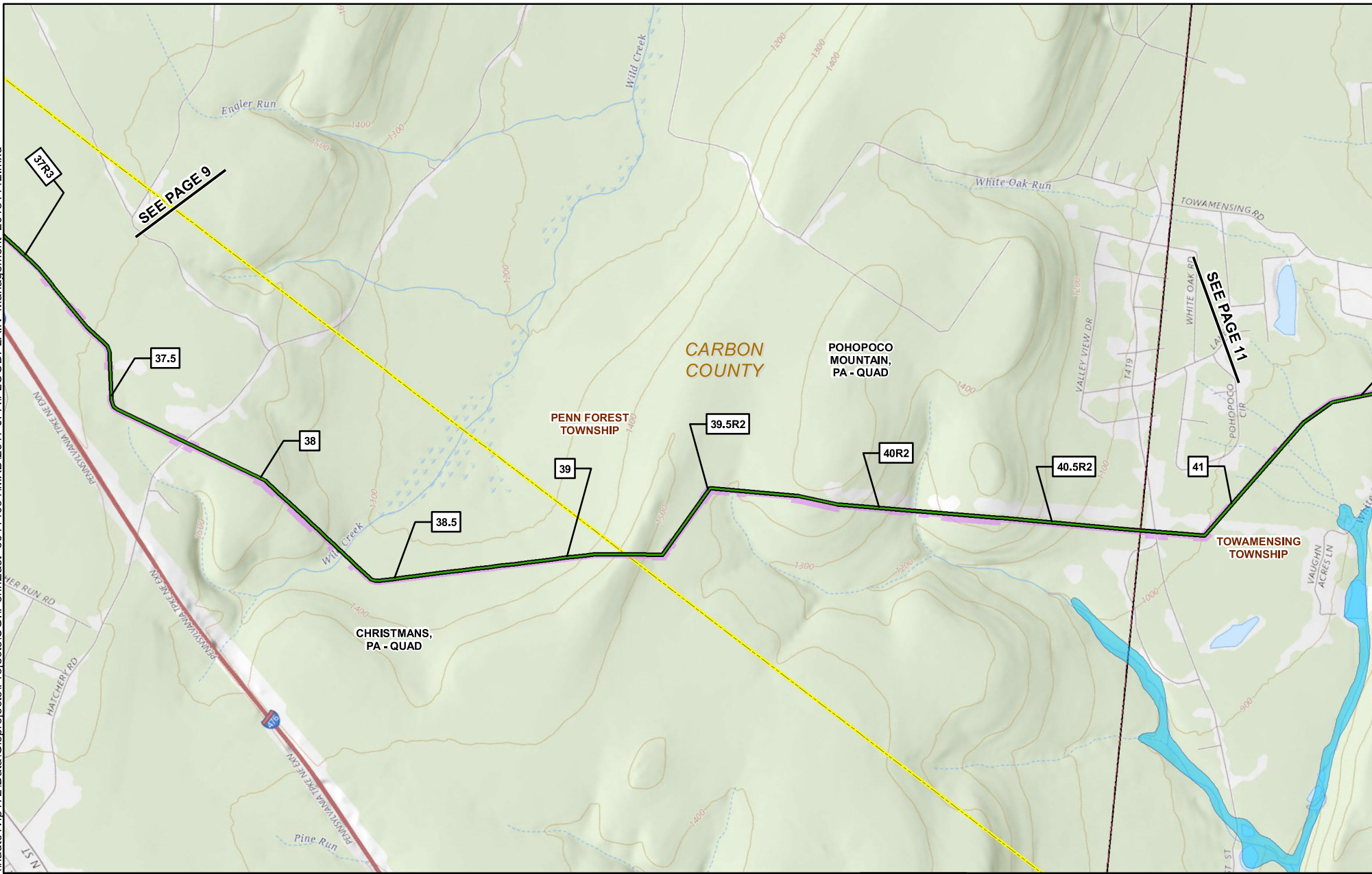
ABSOLUTE SCALE:
1:24,000

REFERENCE SCALE:
1 IN = 2,000 FT

ABSOLUTE SCALE:
1:24,000

REFERENCE SCALE:
1 IN = 2,000 FT

DRAWN BY: KFS
CHECKED BY:
APPROVED BY:
REV. DATE: 11/19/2018
REVISION:
DESC: ISSUED FOR PERMITTING
PAGE: PAGE 9 OF 20



	MILEPOST		A
	MILEPOST (STATION EQUATION DUE TO REROUTE)		AE
	PROPOSED PERMANENT ABOVE GROUND FACILITY		AH
	PROPOSED HELLERTOWN LATERAL		AO
	PROPOSED PENNEAST PIPELINE CENTERLINE		TOWNSHIP BOUNDARY
	PROPOSED CONSTRUCTION LIMIT		COUNTY BOUNDARY
	USGS QUADRANGLE BOUNDARY		STATE BOUNDARY

PENNEAST PIPELINE PROJECT 100-YEAR FLOODPLAIN MAP

**CARBON COUNTY,
PENNSYLVANIA**

2,000 1,000 0 2,000 4,000 Feet

ABSOLUTE SCALE:
1:24,000

REFERENCE SCALE:
1 IN = 2,000 FT

DRAWN BY: KFS
CHECKED BY:
APPROVED BY:
REV. DATE: 11/19/2018
REVISION:
DESC: ISSUED FOR PERMITTING
PAGE: PAGE 10 OF 20

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.

<p style="text-align: center;">Related ID#s (If Known)</p> <p>Client ID# _____ APS ID# _____</p> <p>Site ID# _____ Auth ID# _____</p> <p>Facility ID# _____</p>	<p>DEP USE ONLY</p> <p>Date Received & General Notes</p>
--	---

CLIENT INFORMATION

DEP Client ID#	Client Type / Code LLC		
Organization Name or Registered Fictitious Name PennEast Pipeline Company LLC		Employer ID# (EIN) 47-1573364	Dun & Bradstreet ID#
Individual Last Name	First Name	MI	Suffix SSN
Additional Individual Last Name	First Name	MI	Suffix SSN
Mailing Address Line 1 1 Meridian Boulevard		Mailing Address Line 2 Suite 2C01	
Address Last Line – City Wyomissing		State PA	ZIP+4 19610
		Country USA	
Client Contact Last Name Holly	First Name Amber	MI	Suffix
Client Contact Title Environmental Project Manager		Phone 610-373-7999	Ext 1172
Email Address aholly@ugies.com		FAX	

SITE INFORMATION

DEP Site ID#	Site Name PennEast Pipeline Project				
EPA ID#	Estimated Number of Employees to be Present at Site				
Description of Site Proposed natural gas pipeline right-of-way and the associated temporary workspace, compressor station, appurtenant facilities, access roads, staging areas, and wareyards necessary to construct the Project. Additional site description information is provided in JPA Section J - Project Narrative.					
County Name	Municipality	City	Boro	Twp	State
Luzerne, Carbon, Monroe, Northampton, and Bucks	(Luzerne:) Bear Creek Twp, Dallas Twp, Jenkins Twp, Kingston Twp, Plains Twp, West Wyoming Borough, Wyoming Borough, (Carbon:) Kidder Twp, Lower Towamensing Twp, Penn Forest Twp, Towamensing Twp, (Monroe:) Eldred Twp, (Northampton:) Bethlehem Twp, East Allen Twp, Easton City, Lower Nazareth Twp, Lower Saucon Twp, Moore Twp, Upper Nazareth Twp, Williams Twp, (Bucks:) Durham Twp, Riegelsville Borough	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	PA
County Name	Municipality	City	Boro	Twp	State
		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Site Location Line 1 The PA portion of the PennEast Mainline Pipeline begins in Dallas Twp, Luzerne County and extends to Durham		Site Location Line 2 The Hellertown Lateral is located in Lower Saucon Twp, Northampton County. Additional site location information			

Twp, Bucks County. Additional site location information is provided in JPA Section J - Project Narrative.

Site Location Last Line – City State ZIP+4

Detailed Written Directions to Site

From Wilkes-Barre: head north on PA-309. At the intersection with State Route 415, bear right to continue on State Route 309/Tunkhannock Highway. After 1 mile, turn right on Upper Demunds Road. Immediately turn right on Hildebrandt Road. After 0.7 mile, turn right onto an unnamed road and follow 0.25 mile to the Wyoming Interconnect and the start of the PennEast Mainline. The entry and exit location for each county crossed by the Project is provided in JPA Section J - Project Narrative.

Site Contact Last Name Holly		First Name Amber	MI	Suffix
Site Contact Title Environmental Project Manager		Site Contact Firm UGI Energy Services, LLC		
Mailing Address Line 1 1 Meridian Boulevard		Mailing Address Line 2 Suite 2C01		
Mailing Address Last Line – City Wyomissing		State PA	ZIP+4 19610	
Phone 610-373-7999	Ext 1172	FAX	Email Address aholly@ugies.com	
NAICS Codes (Two- & Three-Digit Codes – List All That Apply) 22, 23, 48			6-Digit Code (Optional) 221210, 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 type="checkbox"/>	<input checked="" type="checkbox"/>
2.	Will this project involve an addition to an existing facility, system, or activity?	<input type="checkbox"/>	<input checked="" type="checkbox"/>

If "Yes", check all relevant facility types and provide DEP facility identification numbers below.

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 DrainagETrmt/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 type="checkbox"/> Oil & Gas Location	_____
<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
Station 0+00	41	20	48	75	56	43
Horizontal Accuracy Measure	Feet			--or-- Meters		
Horizontal Reference Datum Code	<input type="checkbox"/> North American Datum of 1927 <input type="checkbox"/> North American Datum of 1983 <input checked="" type="checkbox"/> World Geodetic System of 1984					
Horizontal Collection Method Code	GISDR					
Reference Point Code	CENTER					
Altitude	Feet 1280			--or-- Meters		
Altitude Datum Name	<input type="checkbox"/> The National Geodetic Vertical Datum of 1929 <input checked="" type="checkbox"/> The North American Vertical Datum of 1988 (NAVD88)					

Altitude (Vertical) Location Datum Collection Method Code	TOPO	
Geometric Type Code	POINT	
Data Collection Date	12/08/2018	
Source Map Scale Number	1	Inch(es) = 2000 Feet
	--or--	Centimeter(s) = Meters

PROJECT INFORMATION

Project Name
PennEast Pipeline Project

Project Description
See Project Description in JPA Section J

Project Consultant Last Name	First Name	MI	Suffix
Binckley	Sarah	K	

Project Consultant Title **Consulting Firm**
Project Manager AECOM

Mailing Address Line 1 **Mailing Address Line 2**
625 West Ridge Pike Suite E-100

Address Last Line – City **State** **ZIP+4**
Conshohocken PA 19428

Phone	Ext	FAX	Email Address
610-832-2713		610-832-3501	sarah.binckley@aecom.com

Time Schedules	Project Milestone (Optional)
09/2015	PennEast submitted FERC Application for Certificate of Public Convenience and Necessity
02/2016 - 03/2016	PennEast submitted PADEP Joint Permit Applications and ESCGP-2 applications
01/2018	Received FERC Certificate of Public Convenience and Necessity
12/2018	PennEast submits revised Joint Permit Applications and ESCGP-3 applications

- Have you informed the surrounding community and addressed any concerns prior to submitting the application to the Department? Yes No
- 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: _____
- 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.

- Is there an adopted county or multi-county comprehensive plan? Yes No
- Is there an adopted municipal or multi-municipal comprehensive plan? Yes No
- 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.
- 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
- 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 type="checkbox"/>	Yes	<input checked="" 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 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 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 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 1289.4	<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 type="checkbox"/>	Yes	<input checked="" 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 checked="" type="checkbox"/>	Yes	<input 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? 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 checked="" type="checkbox"/>	Yes	<input 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? If "Yes", identify the dam.	<input type="checkbox"/>	Yes	<input checked="" type="checkbox"/>	No
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.	The Project operational total Potential to Emit (PTE) in tons per year includes: NOx – 141; CO – 141; SO2 – 5.8; PM10 – 28; PM2.5 – 28; VOC – 13; GHG – 260,800; CH2O – 3.9; Total HAPs – 5.1			
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 type="checkbox"/>	Yes	<input checked="" type="checkbox"/>	No
16.0.1	Supplier's Name				
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 type="checkbox"/>	Yes	<input checked="" 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. Note: 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. Note: 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 Amber L. Holly



Environmental Project Manager

Signature

Title

12/10/18

Date


Subject:

FW: FedEx Shipment 773980420113 Delivered



Your package has been delivered


Tracking # 773980420113

Ship date: Mon, 12/17/2018		Delivery date: Tue, 12/18/2018 10:37 am
Sarah Binckley AECOM CONSHOHOCKEN, PA 19428 US	 Delivered	Dana Vitale Penn Forest Township 2010 State Route 903 JIM THORPE, PA 18229 US

Shipment Facts

Our records indicate that the following package has been delivered.

Tracking number:	773980420113
Status:	Delivered: 12/18/2018 10:37 AM Signed for By: T.MCMAHON
Reference:	60414094. 20000363.00035.08.
Signed for by:	T.MCMAHON
Delivery location:	JIM THORPE, PA
Delivered to:	Receptionist/Front Desk
Service type:	FedEx Standard Overnight®
Packaging type:	FedEx® Envelope
Number of pieces:	1
Weight:	0.50 lb.
Special handling/Services:	Deliver Weekday
Standard transit:	12/18/2018 by 3:00 pm

 Please do not respond to this message. This email was sent from an unattended mailbox. This report was generated at approximately 9:41 AM CST on 12/18/2018.

All weights are estimated.

To track the latest status of your shipment, click on the tracking number above.

Standard transit is the date and time the package is scheduled to be delivered by, based on the selected service, destination and ship date. Limitations and exceptions may apply. Please see the FedEx Service Guide for terms and conditions of service, including the FedEx Money-Back Guarantee, or contact your FedEx Customer Support representative.

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Thank you for your business.



625 West Ridge Pike
Suite E-100
Conshohocken, PA 19428
www.aecom.com
www.urs.com

610 832 3500 tel
610 832 3501 fax

December 17, 2018

Towamensing Township Supervisors
Brenda Drew
120 Stable Road
Lehigh, PA 18235

**Subject: Updated Floodplain Management Analysis
PennEast Pipeline
Carbon County, Pennsylvania**

Dear Brenda Drew,

On February 2, 2016, AECOM notified Towamensing Township that PennEast Pipeline Company, LLC (PennEast) was submitting Pennsylvania Chapter 105 Joint Permit Applications (JPAs) for authorization of wetland and watercourse crossings for the PennEast Pipeline Project (Project). The initial JPAs were submitted in February 2016, and PennEast will be submitting updated JPAs to the Pennsylvania Department of Environmental Protection (PADEP) in December 2018. In accordance with 25 Pennsylvania Code §105.13(e)(I)(vi), PennEast is providing this floodplain management analysis for Project impacts within Towamensing Township.

Project Description

PennEast proposes to construct, install and operate the Project facilities to provide approximately 1.1 million dekatherms per day (MMDth/d) of year-round natural gas transportation services from the Marcellus Shale producing region in northern Pennsylvania to markets in New Jersey, eastern and southeastern Pennsylvania and surrounding states. The Project will include a new pipeline and aboveground facilities that will provide a new source of low cost natural gas and enhance the region's supply diversity. The Project facilities include a 36-inch diameter, 115-mile mainline pipeline extending from Luzerne County, Pennsylvania, to Mercer County, New Jersey. The Project will extend from various receipt point interconnections in the eastern Marcellus region to various delivery point interconnections in the heart of major northeastern natural gas-consuming markets.

Floodplain Management Analysis

The Project will cross Federal Emergency Management Agency (FEMA) 100-year floodplains within Towamensing Township as shown on the attached map. Pipeline construction across watercourses and their floodplains will be performed in accordance with applicable permit conditions, the Federal Energy Regulatory Commission's (FERC's) Wetland and Waterbody Construction and Mitigation Procedures, and PennEast's Erosion and Sediment Control Plan (E&SCP). PennEast proposes to construct the pipeline across watercourses using conventional open-cut, dry crossing methods and trenchless techniques including horizontal directional drilling and conventional bores. Within Towamensing Township, the pipeline would be installed under the FEMA 100-year floodplain associated with the Beltzville Lake (Wild Creek and Pohopoco Creek) using the HDD method. There are no surface impacts proposed within the FEMA floodplain. There are also no aboveground facilities or proposed permanent access roads sited in FEMA Special Flood Hazard Areas.

PennEast will continue to coordinate with the PADEP and US Army Corps of Engineers to obtain the required federal and state permits for temporary impacts to watercourses. If you have any comments regarding floodplain impacts, please direct comments to the PADEP Northeast Regional Office,



Waterways and Wetlands Program at 2 Public Square, Wilkes-Barre, Pennsylvania 18701-1915 or call 570-826-2511.

Yours sincerely,

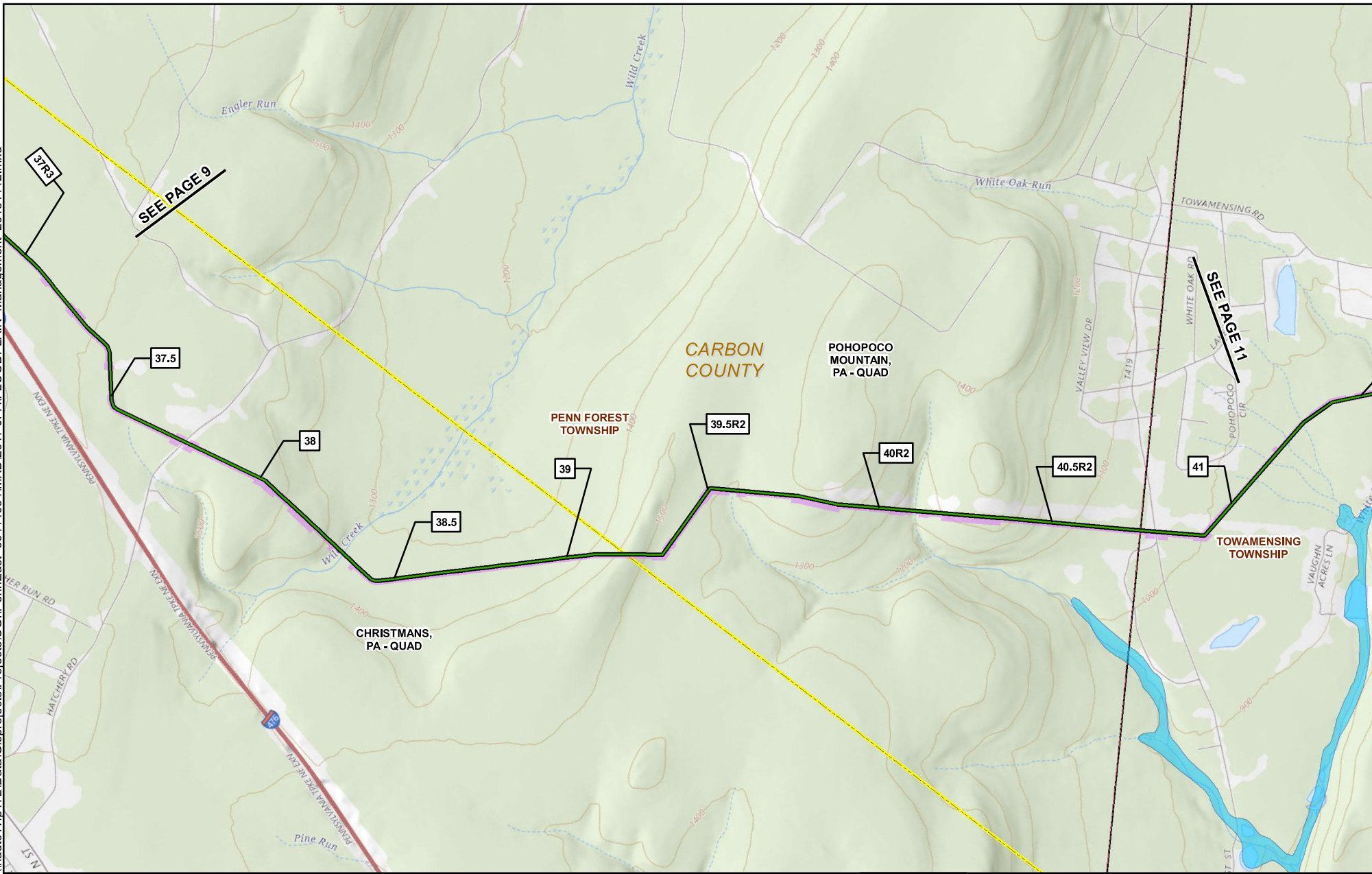
A handwritten signature in black ink that reads "Sarah K. Binckley". The signature is written in a cursive, flowing style.

Sarah K. Binckley
Project Manager, AECOM

cc: Casey Monagan, UGI Energy Services
Amber Holly, UGI Energy Services

Attachment

PennEast Pipeline Project 100-Year Floodplain Map



1	MILEPOST	FEMA 100-YEAR FLOOD ZONE
1R	MILEPOST (STATION EQUATION DUE TO REROUTE)	A
	PROPOSED PERMANENT ABOVE GROUND FACILITY	AE
	PROPOSED HELLERTOWN LATERAL	AH
	PROPOSED PENNEAST PIPELINE CENTERLINE	AO
	PROPOSED CONSTRUCTION LIMIT	
	USGS QUADRANGLE BOUNDARY	
		TOWNSHIP BOUNDARY
		COUNTY BOUNDARY
		STATE BOUNDARY

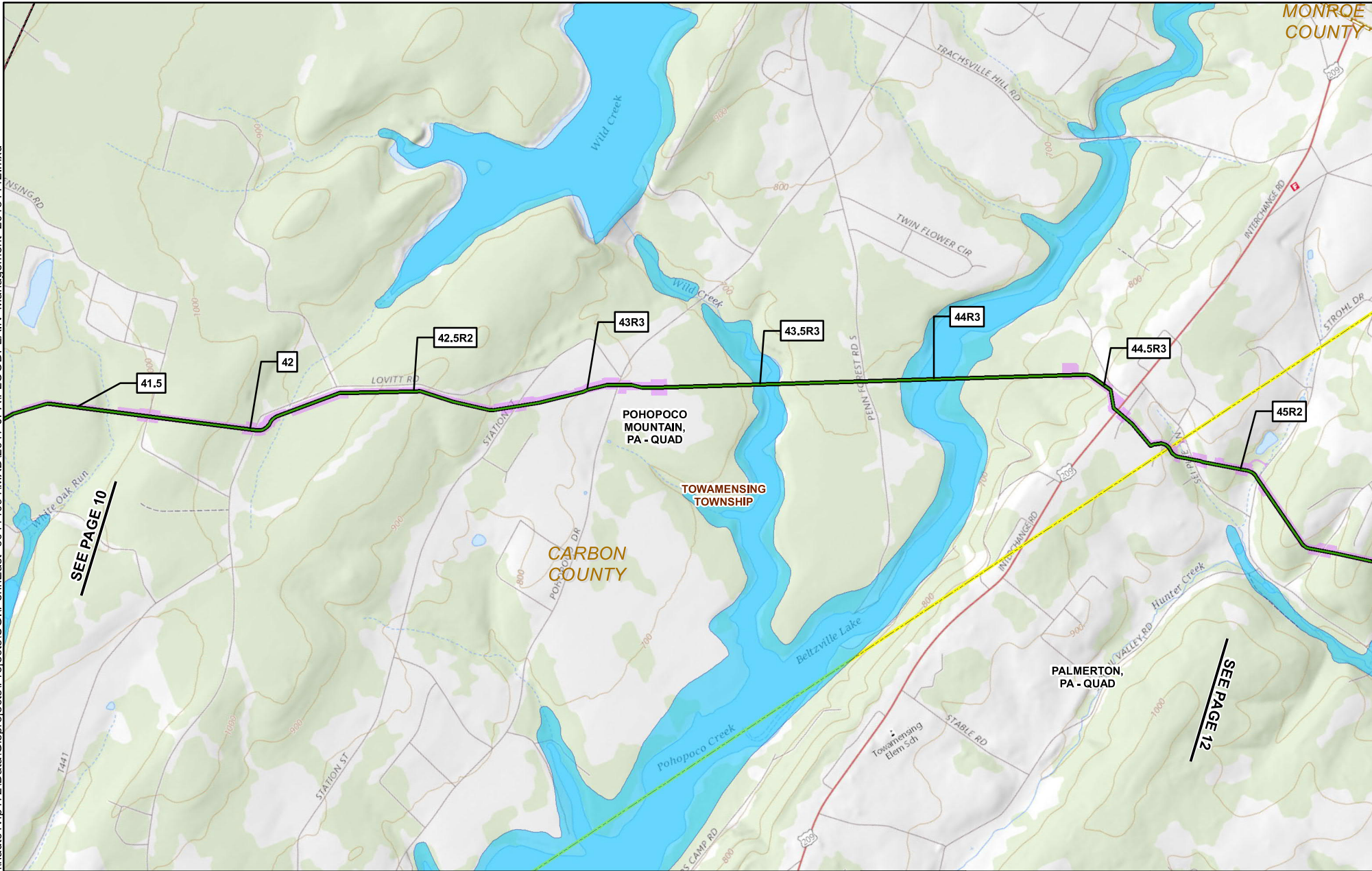
PENNEAST PIPELINE PROJECT 100-YEAR FLOODPLAIN MAP

**CARBON COUNTY,
PENNSYLVANIA**

ABSOLUTE SCALE:
1:24,000

REFERENCE SCALE:
1 IN = 2,000 FT

DRAWN BY: KFS
CHECKED BY:
APPROVED BY:
REV. DATE: 11/19/2018
REVISION:
DESC: ISSUED FOR PERMITTING
PAGE: PAGE 10 OF 20



1	MILEPOST	FEMA 100-YEAR FLOOD ZONE
1R	MILEPOST (STATION EQUATION DUE TO REROUTE)	A
	PROPOSED PERMANENT ABOVE GROUND FACILITY	AE
	PROPOSED HELLERTOWN LATERAL	AH
	PROPOSED PENNEAST PIPELINE CENTERLINE	AO
	PROPOSED CONSTRUCTION LIMIT	TOWNSHIP BOUNDARY
	USGS QUADRANGLE BOUNDARY	COUNTY BOUNDARY
		STATE BOUNDARY

PENNEAST PIPELINE PROJECT 100-YEAR FLOODPLAIN MAP

**CARBON COUNTY,
PENNSYLVANIA**

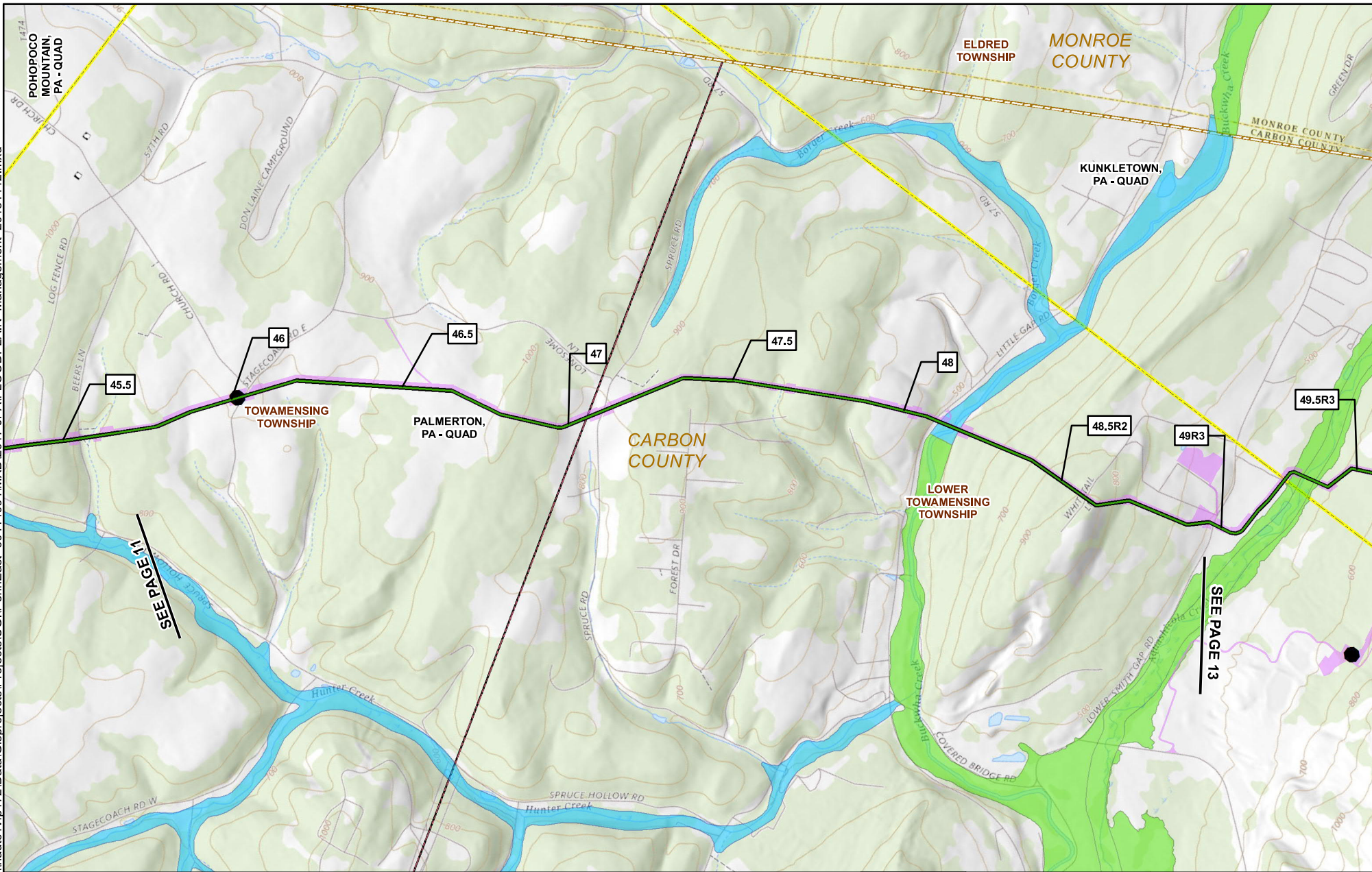


ABSOLUTE SCALE:
1:24,000

REFERENCE SCALE:
1 IN = 2,000 FT



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CHECKED BY:
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REV. DATE: 11/19/2018
REVISION:
DESC: ISSUED FOR PERMITTING
PAGE: PAGE 11 OF 20



1	MILEPOST	FEMA 100-YEAR FLOOD ZONE
1R	MILEPOST (STATION EQUATION DUE TO REROUTE)	A
	PROPOSED PERMANENT ABOVE GROUND FACILITY	AE
	PROPOSED HELLERTOWN LATERAL	AH
	PROPOSED PENNEAST PIPELINE CENTERLINE	AO
	PROPOSED CONSTRUCTION LIMIT	
	USGS QUADRANGLE BOUNDARY	

PENNEAST PIPELINE PROJECT 100-YEAR FLOODPLAIN MAP

**CARBON COUNTY,
PENNSYLVANIA**



ABSOLUTE SCALE:
1:24,000

REFERENCE SCALE:
1 IN = 2,000 FT



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PAGE: PAGE 12 OF 20

SEE PAGE 13



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.

<p style="text-align: center;">Related ID#s (If Known)</p> <p>Client ID# _____ APS ID# _____</p> <p>Site ID# _____ Auth ID# _____</p> <p>Facility ID# _____</p>	<p>DEP USE ONLY</p> <p>Date Received & General Notes</p>
--	---

CLIENT INFORMATION

DEP Client ID#	Client Type / Code LLC				
Organization Name or Registered Fictitious Name PennEast Pipeline Company LLC		Employer ID# (EIN) 47-1573364	Dun & Bradstreet ID#		
Individual Last Name	First Name	MI	Suffix	SSN	
Additional Individual Last Name	First Name	MI	Suffix	SSN	
Mailing Address Line 1 1 Meridian Boulevard		Mailing Address Line 2 Suite 2C01			
Address Last Line – City Wyomissing		State PA	ZIP+4 19610	Country USA	
Client Contact Last Name Holly	First Name Amber	MI	Suffix		
Client Contact Title Environmental Project Manager		Phone 610-373-7999	Ext 1172		
Email Address aholly@ugies.com		FAX			

SITE INFORMATION

DEP Site ID#	Site Name PennEast Pipeline Project				
EPA ID#	Estimated Number of Employees to be Present at Site				
Description of Site Proposed natural gas pipeline right-of-way and the associated temporary workspace, compressor station, appurtenant facilities, access roads, staging areas, and wareyards necessary to construct the Project. Additional site description information is provided in JPA Section J - Project Narrative.					
County Name	Municipality	City	Boro	Twp	State
Luzerne, Carbon, Monroe, Northampton, and Bucks	(Luzerne:) Bear Creek Twp, Dallas Twp, Jenkins Twp, Kingston Twp, Plains Twp, West Wyoming Borough, Wyoming Borough, (Carbon:) Kidder Twp, Lower Towamensing Twp, Penn Forest Twp, Towamensing Twp, (Monroe:) Eldred Twp, (Northampton:) Bethlehem Twp, East Allen Twp, Easton City, Lower Nazareth Twp, Lower Saucon Twp, Moore Twp, Upper Nazareth Twp, Williams Twp, (Bucks:) Durham Twp, Riegelsville Borough	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	PA
County Name	Municipality	City	Boro	Twp	State
		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Site Location Line 1 The PA portion of the PennEast Mainline Pipeline begins in Dallas Twp, Luzerne County and extends to Durham		Site Location Line 2 The Hellertown Lateral is located in Lower Saucon Twp, Northampton County. Additional site location information			

Twp, Bucks County. Additional site location information is provided in JPA Section J - Project Narrative.

Site Location Last Line – City State ZIP+4

Detailed Written Directions to Site

From Wilkes-Barre: head north on PA-309. At the intersection with State Route 415, bear right to continue on State Route 309/Tunkhannock Highway. After 1 mile, turn right on Upper Demunds Road. Immediately turn right on Hildebrandt Road. After 0.7 mile, turn right onto an unnamed road and follow 0.25 mile to the Wyoming Interconnect and the start of the PennEast Mainline. The entry and exit location for each county crossed by the Project is provided in JPA Section J - Project Narrative.

Site Contact Last Name Holly		First Name Amber	MI	Suffix
Site Contact Title Environmental Project Manager		Site Contact Firm UGI Energy Services, LLC		
Mailing Address Line 1 1 Meridian Boulevard		Mailing Address Line 2 Suite 2C01		
Mailing Address Last Line – City Wyomissing		State PA	ZIP+4 19610	
Phone 610-373-7999	Ext 1172	FAX	Email Address aholly@ugies.com	
NAICS Codes (Two- & Three-Digit Codes – List All That Apply) 22, 23, 48			6-Digit Code (Optional) 221210, 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 type="checkbox"/>	<input checked="" type="checkbox"/>
2.	Will this project involve an addition to an existing facility, system, or activity?	<input type="checkbox"/>	<input checked="" type="checkbox"/>

If "Yes", check all relevant facility types and provide DEP facility identification numbers below.

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 DrainageTrmt/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 type="checkbox"/> Oil & Gas Location	_____
<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
Station 0+00	41	20	48	75	56	43
Horizontal Accuracy Measure	Feet			--or-- Meters		
Horizontal Reference Datum Code	<input type="checkbox"/> North American Datum of 1927 <input type="checkbox"/> North American Datum of 1983 <input checked="" type="checkbox"/> World Geodetic System of 1984					
Horizontal Collection Method Code	GISDR					
Reference Point Code	CENTER					
Altitude	Feet 1280			--or-- Meters		
Altitude Datum Name	<input type="checkbox"/> The National Geodetic Vertical Datum of 1929 <input checked="" type="checkbox"/> The North American Vertical Datum of 1988 (NAVD88)					

Altitude (Vertical) Location Datum Collection Method Code	TOPO		
Geometric Type Code	POINT		
Data Collection Date	12/08/2018		
Source Map Scale Number	1	Inch(es)	= 2000 Feet
	--or--	Centimeter(s)	= Meters

PROJECT INFORMATION

Project Name
PennEast Pipeline Project

Project Description
See Project Description in JPA Section J

Project Consultant Last Name	First Name	MI	Suffix
Binckley	Sarah	K	

Project Consultant Title **Consulting Firm**
Project Manager AECOM

Mailing Address Line 1 **Mailing Address Line 2**
625 West Ridge Pike Suite E-100

Address Last Line – City **State** **ZIP+4**
Conshohocken PA 19428

Phone	Ext	FAX	Email Address
610-832-2713		610-832-3501	sarah.binckley@aecom.com

Time Schedules	Project Milestone (Optional)
09/2015	PennEast submitted FERC Application for Certificate of Public Convenience and Necessity
02/2016 - 03/2016	PennEast submitted PADEP Joint Permit Applications and ESCGP-2 applications
01/2018	Received FERC Certificate of Public Convenience and Necessity
12/2018	PennEast submits revised Joint Permit Applications and ESCGP-3 applications

- Have you informed the surrounding community and addressed any concerns prior to submitting the application to the Department? Yes No
- 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: _____
- 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.

- Is there an adopted county or multi-county comprehensive plan? Yes No
- Is there an adopted municipal or multi-municipal comprehensive plan? Yes No
- 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.
- 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
- 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 type="checkbox"/>	Yes	<input checked="" 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 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 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 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 1289.4	<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 type="checkbox"/>	Yes	<input checked="" 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 checked="" type="checkbox"/>	Yes	<input 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? 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 checked="" type="checkbox"/>	Yes	<input 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? If "Yes", identify the dam.	<input type="checkbox"/>	Yes	<input checked="" type="checkbox"/>	No
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.	The Project operational total Potential to Emit (PTE) in tons per year includes: NOx – 141; CO – 141; SO2 – 5.8; PM10 – 28; PM2.5 – 28; VOC – 13; GHG – 260,800; CH2O – 3.9; Total HAPs – 5.1			
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 type="checkbox"/>	Yes	<input checked="" type="checkbox"/>	No
16.0.1	Supplier's Name				
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 type="checkbox"/>	Yes	<input checked="" 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. Note: 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. Note: 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 Amber L. Holly



Environmental Project Manager

Signature

Title

12/10/18

Date


Subject:

FW: FedEx Shipment 773980516547 Delivered



Your package has been delivered


Tracking # 773980516547

Ship date: Mon, 12/17/2018		Delivery date: Tue, 12/18/2018 10:25 am
Sarah Binckley AECOM CONSHOHOCKEN, PA 19428 US	 Delivered	Brenda Drew Towamensing Township 120 Stable Road LEHIGHTON, PA 18235 US

Shipment Facts

Our records indicate that the following package has been delivered.

Tracking number:	773980516547
Status:	Delivered: 12/18/2018 10:25 AM Signed for By: E.ESNST
Reference:	60414094. 20000363.00035.08.
Signed for by:	E.ESNST
Delivery location:	LEHIGHTON, PA
Delivered to:	Receptionist/Front Desk
Service type:	FedEx Standard Overnight®
Packaging type:	FedEx® Envelope
Number of pieces:	1
Weight:	1.00 lb.
Special handling/Services:	Deliver Weekday
Standard transit:	12/18/2018 by 3:00 pm

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All weights are estimated.

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