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December 17, 2018

Robert Loughery
Bucks County
55 East Court Street
Doylestown, PA 18901

**Subject: Updated Stormwater Management Analysis
PennEast Pipeline Project
Bucks County, Pennsylvania**

Dear Robert Loughery,

On November 9, 2016, AECOM notified Bucks County that PennEast Pipeline Company, LLC had submitted Pennsylvania Chapter 105 Joint Permit Applications (JPAs) for authorization of wetland and watercourse crossings for the PennEast Pipeline Project (Project). 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)(v), PennEast is providing this stormwater management analysis for Project impacts within Bucks County.

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 Shale region to various delivery point interconnections in the heart of major northeastern natural gas-consuming markets.

Stormwater Management Analysis

Within Bucks County, PennEast proposes to construct approximately 1.8 miles of 36-inch diameter pipeline, which will be located within the Delaware River North Watershed, for which an Act 167 Stormwater Management Plan has been approved. A location map illustrating the location of the proposed PennEast Mainline Pipeline in Bucks County is included as Attachment 1.

The pipeline facilities will be restored to pre-construction grade and revegetated following construction in accordance with PennEast's Erosion and Sediment Control Plan (E&SCP), Site Restoration Plan, and the Federal Energy Regulatory Commission's (FERC's) Upland Erosion Control, Revegetation, and Maintenance Plan. Existing drainage patterns will be maintained as practicable by restoring the pre-construction contours and restoring disturbed areas to the existing vegetation cover type or meadow. Restoration measures will include the re-establishment of original grade and drainage patterns to the extent practicable. Erosion and sedimentation control best management practices will be maintained until final stabilization is achieved to minimize the likelihood of post-construction erosion. The rate and volume of stormwater runoff from the Project area in the post-construction condition is not expected to exceed that of the pre-construction condition. The

E&SCP and Site Restoration Plan will be reviewed by the PADEP and Bucks County Conservation District as part of the Erosion and Sediment Control General Permit (ESCGP) application process.

PennEast will continue to coordinate with the PADEP and the Bucks County Conservation District regarding stormwater management best management practices to prevent an increase in the rate of stormwater runoff and minimize any increase in stormwater runoff volume. If you have any comments regarding consistency with the approved stormwater management plans, please direct comments to the PADEP Southeast Regional Office, Waterways and Wetlands Program at 2 East Main Street, Norristown, Pennsylvania 19401-4915 or call 484-250-5160.

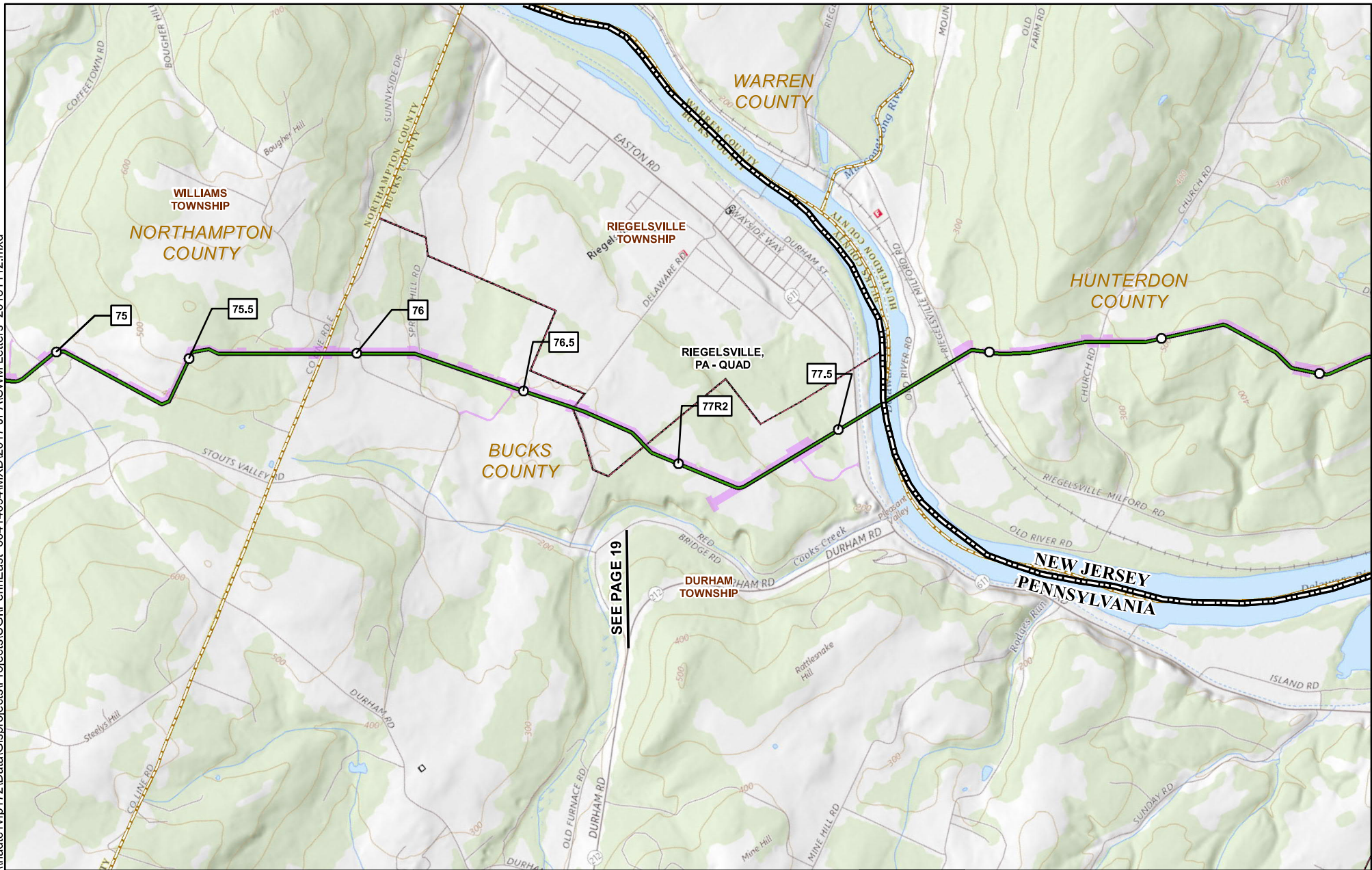
Yours sincerely,

A handwritten signature in black ink, reading "Sarah K. Binckley". The signature is fluid and cursive, with the first name "Sarah" being the most prominent.

Sarah K. Binckley
AECOM

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

ATTACHMENT 1
PROJECT LOCATION MAP



SEE PAGE 19

1	MILEPOST	PROPOSED CONSTRUCTION LIMIT
1R	MILEPOST (STATION EQUATION DUE TO REROUTE)	USGS QUADRANGLE BOUNDARY
●	PROPOSED PERMANENT ABOVE GROUND FACILITY	TOWNSHIP BOUNDARY
—	PROPOSED HELLERTOWN LATERAL	COUNTY BOUNDARY
—	PROPOSED PENNEAST PIPELINE CENTERLINE	STATE BOUNDARY

PENNEAST PIPELINE PROJECT USGS QUADRANGLE MAP

BUCKS COUNTY,
PENNSYLVANIA



ABSOLUTE SCALE:
1:24,000

REFERENCE SCALE:
1 IN = 2,000 FT



AECOM

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



**COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION**

GENERAL INFORMATION FORM – AUTHORIZATION APPLICATION

Before completing this General Information Form (GIF), read the step-by-step instructions provided in this application package. This version of the General Information Form (GIF) must be completed and returned with any program-specific application being submitted to the Department.

Related ID#s (If Known)		DEP USE ONLY
Client ID# _____	APS ID# _____	Date Received & General Notes
Site ID# _____	Auth ID# _____	
Facility ID# _____		

CLIENT INFORMATION

DEP Client ID#	Client Type / Code 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 Luzerne, Carbon, Monroe, Northampton, and Bucks	Municipality (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	City <input checked="" type="checkbox"/>	Boro <input checked="" type="checkbox"/>	Twp <input type="checkbox"/>	State PA
County Name	Municipality	City <input type="checkbox"/>	Boro <input type="checkbox"/>	Twp <input type="checkbox"/>	State
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.

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

- | | | |
|--|------------------------------|--|
| 1. Will this project modify an existing facility, system, or activity? | Yes <input type="checkbox"/> | No <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 Drainage Trmt/Land Recy Proj Location	
<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 Project Manager		Consulting Firm AECOM	
Mailing Address Line 1 625 West Ridge Pike		Mailing Address Line 2 Suite E-100	
Address Last Line – City Conshohocken		State PA	ZIP+4 19428
Phone 610-832-2713	Ext	FAX 610-832-3501	Email Address sarah.binckley@aecom.com
Time Schedules 09/2015	Project Milestone (Optional) 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.	<input checked="" type="checkbox"/>	Yes	<input type="checkbox"/>	No
4.0.1	Total Disturbed Acreage				1289.4
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.	<input type="checkbox"/>	Yes	<input checked="" type="checkbox"/>	No
8.0.1	Estimated Proposed Flow (gal/day)				
9.0	Will the project involve the subdivision of land, or the generation of 800 gpd or more of sewage on an existing parcel of land or the generation of an additional 400 gpd of sewage on an already-developed parcel, or the generation of 800 gpd or more of industrial wastewater that would be discharged to an existing sanitary sewer system?	<input checked="" type="checkbox"/>	Yes	<input type="checkbox"/>	No
9.0.1	Was Act 537 sewage facilities planning submitted and approved by DEP? If "Yes" attach the approval letter. Approval required prior to 105/NPDES approval.	<input type="checkbox"/>	Yes	<input checked="" type="checkbox"/>	No
10.0	Is this project for the beneficial use of biosolids for land application within Pennsylvania? If "Yes" indicate how much (i.e. gallons or dry tons per year).	<input type="checkbox"/>	Yes	<input checked="" type="checkbox"/>	No
10.0.1	Gallons Per Year (residential septage)				
10.0.2	Dry Tons Per Year (biosolids)				
11.0	Does the project involve construction, modification or removal of a dam? If "Yes", identify the dam.	<input type="checkbox"/>	Yes	<input checked="" type="checkbox"/>	No
11.0.1	Dam Name				

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


Signature

Environmental Project Manager

Title

12/10/18

Date

Subject:

FW: FedEx Shipment 773978417312 Delivered



Your package has been delivered

Tracking # 773978417312

Ship date:

Mon, 12/17/2018

Sarah Binckley

AECOM

CONSHOHOCKEN, PA 19428

US



Delivered

Delivery date:

Tue, 12/18/2018 10:51 am

Robert Loughery

Bucks County

55 East Court Street

DOYLESTOWN, PA 18901

US

Shipment Facts

Our records indicate that the following package has been delivered.

Tracking number:

[773978417312](#)

Status:

Delivered: 12/18/2018 10:51

AM Signed for By: C.BRAMS

Reference:

60414094.

20000363.00035.08.

Signed for by:

C.BRAMS

Delivery location:

DOYLESTOWN, 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

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Thank you for your business.



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

610 832 3500 tel
610 832 3501 fax

December 17, 2018

Dani McClanahan
Durham Township
215 Old Furnace Road, P.O. Box 4
Durham, PA 18039

**Subject: Updated Stormwater Management Analysis
PennEast Pipeline Project
Bucks County, Pennsylvania**

Dear Dani McClanahan,

On November 9, 2016, AECOM notified Durham Township that PennEast Pipeline Company, LLC had submitted Pennsylvania Chapter 105 Joint Permit Applications (JPAs) for authorization of wetland and watercourse crossings for the PennEast Pipeline Project (Project). 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)(1)(v), PennEast is providing this stormwater management analysis for Project impacts within Durham 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 Shale region to various delivery point interconnections in the heart of major northeastern natural gas-consuming markets.

Stormwater Management Analysis

Within Durham Township, PennEast proposes to construct approximately 1.5 miles of 36-inch diameter pipeline, which will be located within the Delaware River North watershed, for which an Act 167 Stormwater Management Plan has been approved. A location map illustrating the location of the proposed PennEast Mainline Pipeline is included as Attachment 1.

The pipeline facilities will be restored to pre-construction grade and revegetated following construction in accordance with PennEast's Erosion and Sediment Control Plan (E&SCP), Site Restoration Plan, and the Federal Energy Regulatory Commission's (FERC's) Upland Erosion Control, Revegetation, and Maintenance Plan. Existing drainage patterns will be maintained as feasible by utilizing the existing contours or restoring any disturbed area to the existing condition or meadow. Restoration measures will include the re-establishment of original grade and drainage patterns to the extent practicable. Erosion and sedimentation control best management practices will be maintained until final stabilization is achieved to minimize the likelihood of post-construction erosion. The rate and volume of stormwater runoff from the Project area in the post-construction condition is not expected to exceed that of the pre-construction condition. The E&SCP and Site

Restoration Plan will be reviewed by the PADEP and Bucks County Conservation District as part of the Erosion and Sediment Control General Permit (ESCGP) application process.

PennEast will continue to coordinate with the PADEP and the Bucks County Conservation District regarding stormwater management best management practices to prevent an increase in the rate of stormwater runoff and minimize any increase in stormwater runoff volume. If you have any comments regarding consistency with the approved stormwater management plans, please direct comments to the PADEP Southeast Regional Office, Waterways and Wetlands Program at 2 E. Mainstreet Norristown, Pennsylvania 19401-4915 or call 484-250-5160.

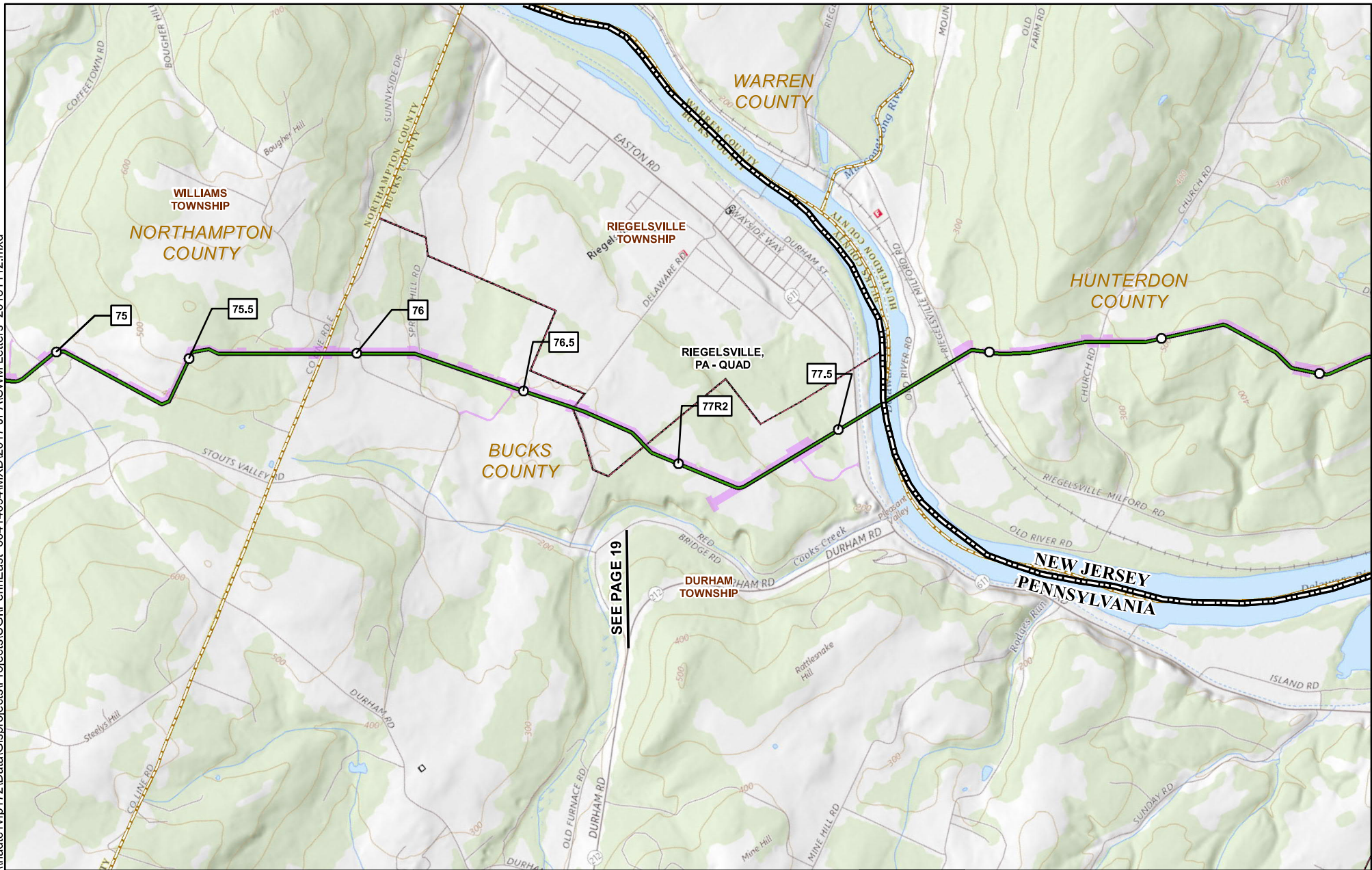
Yours sincerely,

A handwritten signature in black ink, reading "Sarah K. Binckley". The signature is fluid and cursive, with the first name "Sarah" being the most prominent.

Sarah K. Binckley
AECOM

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

ATTACHMENT 1
PROJECT LOCATION MAP



SEE PAGE 19

1	MILEPOST	PROPOSED CONSTRUCTION LIMIT
1R	MILEPOST (STATION EQUATION DUE TO REROUTE)	USGS QUADRANGLE BOUNDARY
●	PROPOSED PERMANENT ABOVE GROUND FACILITY	TOWNSHIP BOUNDARY
—	PROPOSED HELLERTOWN LATERAL	COUNTY BOUNDARY
—	PROPOSED PENNEAST PIPELINE CENTERLINE	STATE BOUNDARY

PENNEAST PIPELINE PROJECT USGS QUADRANGLE MAP

BUCKS COUNTY,
PENNSYLVANIA



ABSOLUTE SCALE:
1:24,000

REFERENCE SCALE:
1 IN = 2,000 FT



AECOM

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



COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION

GENERAL INFORMATION FORM – AUTHORIZATION APPLICATION

Before completing this General Information Form (GIF), read the step-by-step instructions provided in this application package. This version of the General Information Form (GIF) must be completed and returned with any program-specific application being submitted to the Department.

Related ID#s (If Known)		DEP USE ONLY
Client ID# _____	APS ID# _____	Date Received & General Notes
Site ID# _____	Auth ID# _____	
Facility ID# _____		

CLIENT INFORMATION

DEP Client ID#	Client Type / Code 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.

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

- | | | |
|--|------------------------------|--|
| 1. Will this project modify an existing facility, system, or activity? | Yes <input type="checkbox"/> | No <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 Drainage Trmt/Land Recy Proj Location	
<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 Project Manager		Consulting Firm AECOM	
Mailing Address Line 1 625 West Ridge Pike		Mailing Address Line 2 Suite E-100	
Address Last Line – City Conshohocken		State PA	ZIP+4 19428
Phone 610-832-2713	Ext	FAX 610-832-3501	Email Address sarah.binckley@aecom.com
Time Schedules 09/2015	Project Milestone (Optional) 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.	<input checked="" type="checkbox"/>	Yes	<input type="checkbox"/>	No
4.0.1	Total Disturbed Acreage				1289.4
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.	<input type="checkbox"/>	Yes	<input checked="" type="checkbox"/>	No
8.0.1	Estimated Proposed Flow (gal/day)				
9.0	Will the project involve the subdivision of land, or the generation of 800 gpd or more of sewage on an existing parcel of land or the generation of an additional 400 gpd of sewage on an already-developed parcel, or the generation of 800 gpd or more of industrial wastewater that would be discharged to an existing sanitary sewer system?	<input checked="" type="checkbox"/>	Yes	<input type="checkbox"/>	No
9.0.1	Was Act 537 sewage facilities planning submitted and approved by DEP? If "Yes" attach the approval letter. Approval required prior to 105/NPDES approval.	<input type="checkbox"/>	Yes	<input checked="" type="checkbox"/>	No
10.0	Is this project for the beneficial use of biosolids for land application within Pennsylvania? If "Yes" indicate how much (i.e. gallons or dry tons per year).	<input type="checkbox"/>	Yes	<input checked="" type="checkbox"/>	No
10.0.1	Gallons Per Year (residential septage)				
10.0.2	Dry Tons Per Year (biosolids)				
11.0	Does the project involve construction, modification or removal of a dam? If "Yes", identify the dam.	<input type="checkbox"/>	Yes	<input checked="" type="checkbox"/>	No
11.0.1	Dam Name				

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


Signature

Environmental Project Manager

Title

12/10/18

Date

Subject:

FW: FedEx Shipment 773978665114 Delivered

Your package has been delivered

Tracking # 773978665114

Ship date:

Mon, 12/17/2018

Sarah Binckley

AECOM

CONSHOHOCKEN, PA 19428

US

Delivery date:

Tue, 12/18/2018 2:40 pm

Dani McClanahan

Durham Township

215 Old Furnace Road

PO Box 4

DURHAM, PA 18039

US



Shipment Facts

Our records indicate that the following package has been delivered.

Tracking number: [773978665114](#)

Status: Delivered: 12/18/2018 2:40 PM
Signed for By: D.MCLANAHAN

Reference: 20000363.00035.08.

Signed for by: D.MCLANAHAN

Delivery location: DURHAM, 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

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Thank you for your business.



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

610 832 3500 tel
610 832 3501 fax

December 17, 2018

Thomas Stinnett
Riegelsville Borough
615 Easton Road,
P.O. Box 551
Riegelsville, PA 18077

**Subject: Updated Stormwater Management Analysis
PennEast Pipeline Project
Bucks County, Pennsylvania**

Dear Thomas Stinnett,

On November 9, 2016, AECOM notified Riegelsville Borough that PennEast Pipeline Company, LLC had submitted Pennsylvania Chapter 105 Joint Permit Applications (JPAs) for authorization of wetland and watercourse crossings for the PennEast Pipeline Project (Project). 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)(1)(v), PennEast is providing this stormwater management analysis for Project impacts within Riegelsville Borough.

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 Shale region to various delivery point interconnections in the heart of major northeastern natural gas-consuming markets.

Stormwater Management Analysis

Within Riegelsville Borough, PennEast proposes to construct approximately 0.2 miles of 36-inch diameter pipeline, which will be located within the Delaware River North watershed, for which an Act 167 Stormwater Management Plan has been approved. A location map illustrating the location of the proposed PennEast Mainline Pipeline is included as Attachment 1.

The pipeline facilities will be restored to pre-construction grade and revegetated following construction in accordance with PennEast's Erosion and Sediment Control Plan (E&SCP), Site Restoration Plan, and the Federal Energy Regulatory Commission's (FERC's) Upland Erosion Control, Revegetation, and Maintenance Plan. Existing drainage patterns will be maintained as feasible by utilizing the existing contours or restoring any disturbed area to the existing condition or meadow. Restoration measures will include the re-establishment of original grade and drainage patterns to the extent practicable. Erosion and sedimentation control best management practices will be maintained until final stabilization is achieved to minimize the likelihood of post-construction erosion. The rate and volume of stormwater runoff from the Project area in the post-construction



condition is not expected to exceed that of the pre-construction condition. The E&SCP and Site Restoration Plan will be reviewed by the PADEP and Bucks County Conservation District as part of the Erosion and Sediment Control General Permit (ESCGP) application process.

PennEast will continue to coordinate with the PADEP and the Bucks County Conservation District regarding stormwater management best management practices to prevent an increase in the rate of stormwater runoff and minimize any increase in stormwater runoff volume. If you have any comments regarding consistency with the approved stormwater management plans, please direct comments to the PADEP Southeast Regional Office, Waterways and Wetlands Program at 2 E. Main Street, Norristown, Pennsylvania 19401-4915 or call 484-250-5160.

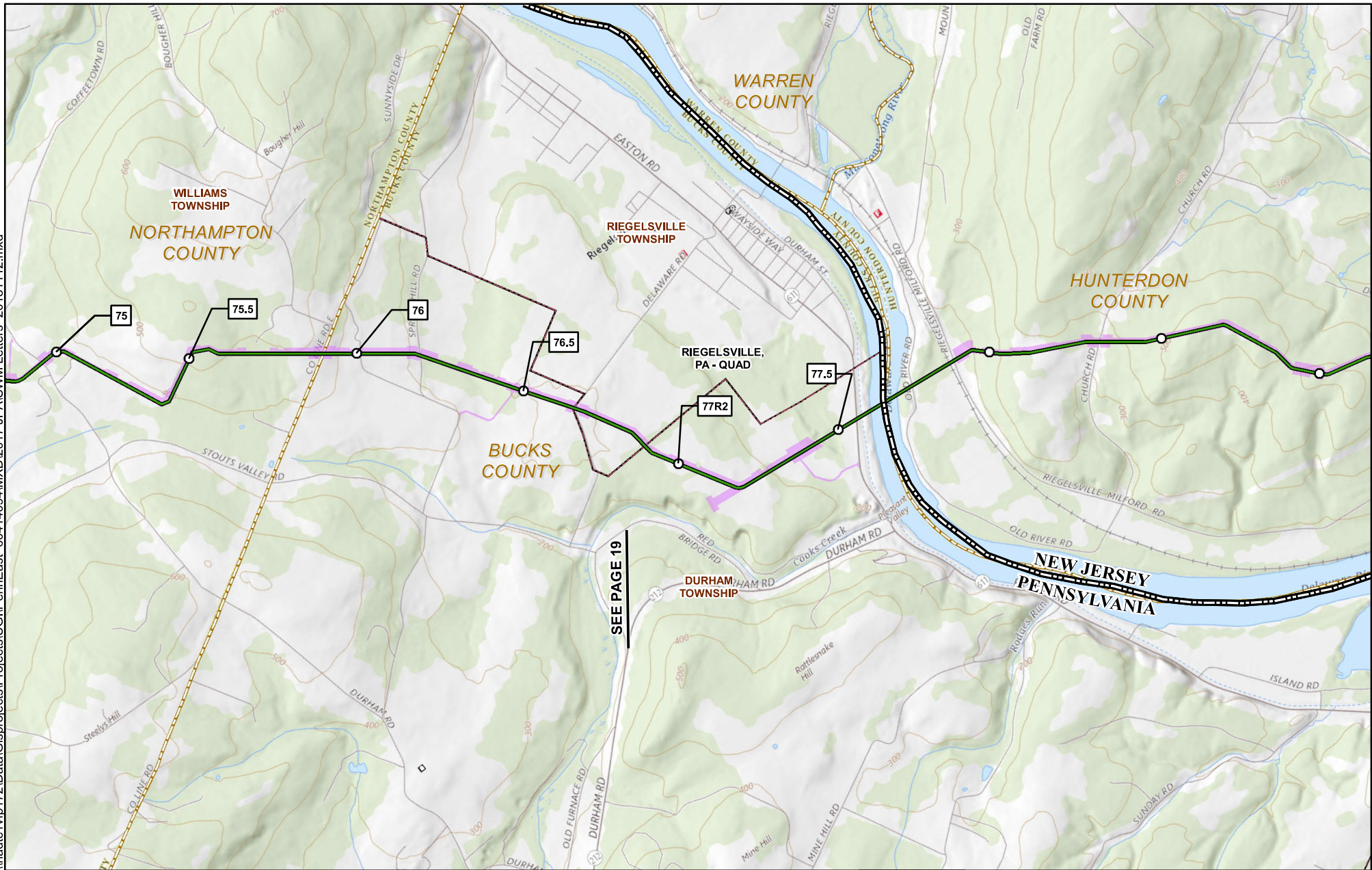
Yours sincerely,

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

Sarah K. Binckley
AECOM

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

ATTACHMENT 1
PROJECT LOCATION MAP



SEE PAGE 19

1	MILEPOST	PROPOSED CONSTRUCTION LIMIT
1R	MILEPOST (STATION EQUATION DUE TO REROUTE)	USGS QUADRANGLE BOUNDARY
●	PROPOSED PERMANENT ABOVE GROUND FACILITY	TOWNSHIP BOUNDARY
—	PROPOSED HELLERTOWN LATERAL	COUNTY BOUNDARY
—	PROPOSED PENNEAST PIPELINE CENTERLINE	STATE BOUNDARY

PENNEAST PIPELINE PROJECT USGS QUADRANGLE MAP

BUCKS COUNTY,
PENNSYLVANIA



ABSOLUTE SCALE:
1:24,000

REFERENCE SCALE:
1 IN = 2,000 FT



AECOM

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



COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION

GENERAL INFORMATION FORM – AUTHORIZATION APPLICATION

Before completing this General Information Form (GIF), read the step-by-step instructions provided in this application package. This version of the General Information Form (GIF) must be completed and returned with any program-specific application being submitted to the Department.

Related ID#s (If Known)		DEP USE ONLY
Client ID# _____	APS ID# _____	Date Received & General Notes
Site ID# _____	Auth ID# _____	
Facility ID# _____		

CLIENT INFORMATION

DEP Client ID#	Client Type / Code 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.

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

- | | | |
|--|------------------------------|--|
| 1. Will this project modify an existing facility, system, or activity? | Yes <input type="checkbox"/> | No <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 Drainage Trmt/Land Recy Proj Location	
<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 Project Manager		Consulting Firm AECOM	
Mailing Address Line 1 625 West Ridge Pike		Mailing Address Line 2 Suite E-100	
Address Last Line – City Conshohocken		State PA	ZIP+4 19428
Phone 610-832-2713	Ext	FAX 610-832-3501	Email Address sarah.binckley@aecom.com
Time Schedules 09/2015	Project Milestone (Optional) 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.	<input checked="" type="checkbox"/>	Yes	<input type="checkbox"/>	No
4.0.1	Total Disturbed Acreage				1289.4
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.	<input type="checkbox"/>	Yes	<input checked="" type="checkbox"/>	No
8.0.1	Estimated Proposed Flow (gal/day)				
9.0	Will the project involve the subdivision of land, or the generation of 800 gpd or more of sewage on an existing parcel of land or the generation of an additional 400 gpd of sewage on an already-developed parcel, or the generation of 800 gpd or more of industrial wastewater that would be discharged to an existing sanitary sewer system?	<input checked="" type="checkbox"/>	Yes	<input type="checkbox"/>	No
9.0.1	Was Act 537 sewage facilities planning submitted and approved by DEP? If "Yes" attach the approval letter. Approval required prior to 105/NPDES approval.	<input type="checkbox"/>	Yes	<input checked="" type="checkbox"/>	No
10.0	Is this project for the beneficial use of biosolids for land application within Pennsylvania? If "Yes" indicate how much (i.e. gallons or dry tons per year).	<input type="checkbox"/>	Yes	<input checked="" type="checkbox"/>	No
10.0.1	Gallons Per Year (residential septage)				
10.0.2	Dry Tons Per Year (biosolids)				
11.0	Does the project involve construction, modification or removal of a dam? If "Yes", identify the dam.	<input type="checkbox"/>	Yes	<input checked="" type="checkbox"/>	No
11.0.1	Dam Name				

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


Signature

Environmental Project Manager

Title

12/10/18

Date

Subject:

FW: FedEx Shipment 773980478483 Delivered



Your package has been delivered

Tracking # 773980478483

Ship date:

Mon, 12/17/2018

Sarah Binckley

AECOM

CONSHOHOCKEN, PA 19428

US



Delivered

Delivery date:

Tue, 12/18/2018 2:15 pm

Thomas Stinnett

Riegelsville Borough

615 Easton Road

PO Box 551

RIEGLSVILLE, PA 18077

US

Shipment Facts

Our records indicate that the following package has been delivered.

Tracking number:

[773980478483](#)

Status:

Delivered: 12/18/2018 2:15 PM
Signed for By: Signature not required

Reference:

60414094.
20000363.00035.08.

Signed for by:

Signature not required

Delivery location:

RIEGLSVILLE, PA

Delivered to:

Residence

Service type:

FedEx Standard Overnight®

Packaging type:

FedEx® Envelope

Number of pieces:

1

Weight:

0.50 lb.


Special handling/Services:

Deliver Weekday

Residential Delivery

Standard transit:

12/18/2018 by 3:00 pm

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