

PennEast Pipeline Company, LLC
One Meridian Boulevard, Suite 2C01
Wyomissing, PA 19610



September 14, 2015

Ms. Kimberly D. Bose, Secretary
Federal Energy Regulatory Commission
888 First Street, NE
Washington, DC 20426

Re: PennEast Pipeline Company, LLC, Docket No. PF15-1-000
Monthly Progress Report

Dear Ms. Bose:

On October 10, 2014, the Director of the Office of Energy Projects issued a letter in the above-referenced docket approving the request of PennEast Pipeline Company, LLC (“PennEast”) to commence the Federal Energy Regulatory Commission’s (“Commission”) Pre-filing Review Process of its proposed PennEast Pipeline Project (“Project”). Pursuant to Section 157.21(f)(6) of the Commission’s regulations,¹ PennEast herewith submits its monthly progress report for the Project for the period August 1 through August 31, 2015 (“Reporting Period”).

Should you have any questions concerning this request, please contact me at (610) 406-4322.

Sincerely,

/s/ Anthony C. Cox
Anthony C. Cox
PennEast Pipeline Company, LLC,
By its Project Manager
UGI Energy Services, LLC

cc: Medha Kochhar (FERC)

¹ 18 C.F.R. § 157.21(f)(6) (2015).

¹ 18 C.F.R. § 388.112 (2015).

Introduction

By letter order dated October 10, 2014, PennEast Pipeline Company, LLC (“PennEast”) was granted approval by the Federal Energy Regulatory Commission (“FERC” or the “Commission”) to utilize the Commission’s Pre-Filing Review Process for the proposed PennEast Pipeline Project (“Project”). The Project is designed to provide a direct and flexible path for transporting natural gas produced in the Marcellus Shale production region in Eastern Pennsylvania and growing natural gas markets in Eastern and Southeastern Pennsylvania, New Jersey and surrounding states. The Project facilities include a 36-inch diameter, 114-mile pipeline, extending from Luzerne County, Pennsylvania, to Mercer County, New Jersey, a 2.1-mile 24-inch lateral (Hellertown Lateral), a 0.6-mile 12-inch lateral (Gilbert Lateral), and a 1.4-mile 36-inch lateral (Lambertville Lateral). Recent changes to these lengths are discussed in the Routing/Scope Update section in this report. The Project has a target in-service date of November 1, 2017. The Project has been assigned Docket No. PF15-1-000.

This Monthly Progress Report provides a brief summary of significant Project activities or changes in Project information that have occurred during the period beginning August 1 through August 31, 2015.

Field Surveys

- Approximately 72.5 miles of the 118.1 miles of the mainline and laterals are available for survey activities.
- Approximately 74.3 miles* of biological survey have been completed.
- Approximately 71.9 miles* of cultural resources have been surveyed.
* Additional areas surveyed with permission prior to permission being rescinded.

Alignment Drawings

- An updated set of USGS topographic maps were filed with the Commission and copies, including shapefiles, were provided to TetraTech, on July 22, 2015. The updated set of maps and shapefiles reflect the Project’s new, proposed route based on input from stakeholders as of July 22, 2015.
- The PennEast website was updated on July 22, 2015 with a new interactive map, new critical issues map and updated alternative maps, along with a description of the proposed route.

Resource Reports

- Draft Environmental Resource Reports 1 (Project Description) and 10 (Alternatives) were filed on November 10, 2014 in accordance with Pre-filing Procedures, 18 C.F.R. § 157.21(f)(5), and were refiled on January 27, 2015 at FERC Staff’s request to remove certain sensitive cultural resources information from draft Resource Report 10.

- PennEast received FERC Staff's comments on Resource Reports 1 and 10 and scoping comments, and addressed these comments in PennEast's Draft Resource Reports 1 - 12.
- Draft Environmental Resource Reports 1 – 12 and associated Appendices were filed in a staggered approach in accordance with FERC request during the time period of April 16 through April 30, 2015 in accordance with Pre-filing Procedures, 18 C.F.R. § 157.21(f)(5).
- A revised Table 6.3-1 from Resource Report 6 was filed on May 8, 2015 in response to a stakeholder comment.
- FERC Staff provided comments to Resource Reports 1, 2, 3, 9, and 11 on May 19, 2015 and comments to Resource Reports 4, 5, 6, 7, 8, and 10 on May 29, 2015.
- PennEast participated in calls with FERC Staff to discuss these comments, and it was agreed that PennEast would provide a supplemental draft of Resource Reports 1, 8, 9 and 10 that addressed the comments filed on these reports. In addition, it was agreed that FERC Staff would work to provide comments on these supplemental drafts as quickly as possible so that the overall Project schedule could be maintained.
- PennEast filed a revised draft of Resource Reports 1, 8, 9 and 10 and Appendices A, F, L and P on July 31, 2015
- Comments were received from FERC on August 24, 2015. These will be addressed and incorporated into PennEast's final Resource Reports included with its 7(c) Application.

Agency Contacts

- PennEast sent initial consultation letters to federal and state agencies on August 12, 2014. On October 24, 2014, PennEast followed up with several agencies informing them of the FERC Pre-Filing Review Process, inviting them to Open Houses and giving them updates on the route alignment. Updated shapefiles and Project information regarding the then-preferred route were sent to all corresponding agencies on January 14 and March 30.
- Updated shapefiles and Project information regarding the New Preferred Alternative route were sent to all corresponding agencies. In addition, mailings are underway to each of the Townships.
- On July 24, 2015 updated shapefiles and Project information regarding the new proposed route were sent to all corresponding agencies and to each of the 29 Townships.
- The following table summarizes Environmental Meetings and Conference Calls held during the reporting period. Meeting minutes are attached to this report.

Date	Meeting/Conference Call
August 4, 2015	PennEast held a coordination meeting with Highlands Council at Council office. Discussed regulatory framework pertaining to the Highlands Act and Rules, Regional Master Plan resources, and Consistency Determination.
August 5, 2015	PennEast held a conference call with NJDEP staff. PennEast provided updates on mitigation, percentage of survey access, survey schedules, and agency consultations.
August 11, 2015	Conference call with NPS to discuss Appalachian Trail crossing.
August 18, 2015	Conference call with NJDEP staff. Discussed permits for geotechnical borings; qualifications for wildlife and plan surveyors; and gravel Hill Alternatives Analysis. Materials provided included project overview handouts, mapping, and fact sheets.
August 27, 2015	PennEast met at the proposed Appalachian Trail crossing with representatives of the PA Game Commission, Appalachian Trail Conservancy, and Appalachian Mountain Club to discuss the current route, alternatives, constructability, visual and recreational resources, and environmental concerns.

Routing/Scope Update

- During the month of August, additional data was acquired from landowner input and environmental surveys regarding potential route adjustments. To that end there were several minor adjustments to the Project route that occurred within the 400 ft. study corridor in response to engineering design needs, environmental constraints and landowner input. These minor adjustments will be reflected in the upcoming 7(c) Application.
- The length of the mainline increased to 114 miles due to these minor adjustments.
- The length of the Gilbert Lateral increased due to a change in the location of the mainline valve. A portion of the Gilbert Lateral will run within the same easement as the mainline. These changes will be reflected in the upcoming 7(c) Application.

Stakeholder Activities:

New Stakeholders Identified

- No new stakeholders were identified during the month of August.

Open Houses

- No Open Houses were held in August.

Scoping Comments

- PennEast carefully tracked and downloaded the approximately 1,400 letters and associated 3,400 public scoping comments. PennEast prepared and posted an updated document to eLibrary on April 27, 2015 to provide an updated response to FSL 32, FSL 33, LO 16 and OSH 10.
- Additional comments filed in August have been tracked and a table summarizing these comments and preliminary responses is appended to this monthly report.
- PennEast incorporated comments into plans and draft Resource Reports where appropriate.
- A seismic hazard evaluation was conducted identifying minimal to negligible risks to the Project facilities and the critical findings were included in Draft Resource Report 6. Additional recommendations for further field studies to assess soil liquefaction risks pursuant to the study's findings are currently being evaluated and will be conducted in the coming months.
- A quarry blasting study was completed to determine if the quarry activities pose any significant risk to the proposed Project facilities. The results of this analysis will be included in the final Resource Report 6 that will be filed with the formal certificate application.
- A geophysics study is ongoing to evaluate subsurface conditions where ground subsidence associated with karst conditions exist and where potential sinkhole risks may develop around the proposed facilities. The initial results of this analysis will be included in the final Resource Report 6 that will be filed with the formal certificate application.
- Experts have been retained to conduct a risk assessment of the potential leachability of arsenic-bearing rocks within the Lockatong and Pasaic formations. The initial results of this analysis will be included in Resource Reports 2 and 6.

Stakeholder Meetings

- PennEast representatives met with the following stakeholders (other than Agencies) during the reporting period (see Exhibit A):

Date	Meeting/Conference Call	Topics Discussed
8/4/2015	Trout Unlimited	See minutes (Exhibit A)

8/18/2015	Lehigh Township	See minutes (Exhibit A)
8/27/2015	St. Luke's Hospital Network	See minutes (Exhibit A)
8/27/2015	Appalachian Trail Conservancy; Appalachian Mountain Club	See minutes (Exhibit A)
8/31/2015	U.S. Senator Cory A. Booker (staff)	Project update was provided
8/31/2015	U.S. Senator Robert Menendez (staff)	Project update was provided

Other Pre-Filing Meetings/Activities

- Bi-weekly teleconference meetings with FERC Staff for the PennEast Project began on October 16, 2014. The last biweekly call with FERC Staff was on August 19, 2015 and no future calls have been scheduled.

Project Filings and Schedule Update

Project Filings During the Reporting Period

- The Monthly Report on July activities was filed on August 11, 2015

Schedule Update

- No changes were made to the schedule.

Next Monthly Report

- The next progress report will cover the period beginning September 1 through September 30, 2015.

Table 1: Environmental Agency Contacts

Agency	Contact Information	Contact Status
FEDERAL		
U.S. Fish and Wildlife Service – PA Field Office	U.S. Fish and Wildlife Service Pennsylvania Field Office 315 South Allen Street, Suite 322 State College, PA 16801 Project POC: Kayla Easler Phone: 814-234-4090 email: kayla_easler@fws.gov	Initial Consultation letter sent 8/12/2014. Initial coordination meeting held 10/29/14. Updated route materials sent 7/24/15. RTE survey meeting held 4/22/15. USFWS Project No. 20141013.
U.S. Fish and Wildlife Service – NJ Field Office	U.S. Fish and Wildlife Service New Jersey Field Office 927 N. Main Street, Building D Pleasantville, NJ 08232 Project POC: Jeremy Markuson Phone: 609-646-9310 email: jeremy_markuson@fws.gov	Initial consultation letter sent 8/12/2014. Consultation discussions held with Project POC. Updated route materials sent 7/24/15. RTE survey meeting held 4/23/15.
U.S Department of Commerce National Oceanic and Atmospheric Administration National Marine Fisheries Service (NMFS)	National Marine Fisheries Service 55 Great Republic Drive Gloucester, MA 01931 Reviewing Biologist: Karen Greene Phone: 978-281-9200 email: karen.greene@noaa.gov	Initial Consultation letter sent 8/12/2014. Official response received 9/18/2014 stating no TE species under NMFS jurisdiction known to occur in Project area. Updated route materials sent 7/24/15.
U.S. Army Corps of Engineers – Baltimore District	U.S. Army Corps of Engineers Regulatory Branch 1631 South Atherton Street, Suite 101 State College, PA 16801 Phone: 814-235-0572	Initial Consultation letter sent 8/12/2014. Baltimore District working through Philadelphia District. Joint meeting 7/13/2015 and 408 meeting 7/16/2015. Updated route materials sent 7/24/2015.
U.S. Army Corps of Engineers – Philadelphia District	U.S. Army Corps of Engineers Regulatory Branch 100 Penn Square East Wanamaker Building Philadelphia, PA 19107 Project POC: Glenn Weitknecht Phone: 215-656-6725 email: Glenn.R.Weitknecht@usace.army.mil	Initial Consultation letter sent 8/12/2014. Coordination meetings held 10/30/14 and 12/2/14. Updated route materials sent 7/24/15. Pre-application meeting scheduled 7/16/15. Joint meeting 7/13/2015 and 408 meeting 7/16/2015. Updated route materials sent 7/24/15

Table 1: Environmental Agency Contacts

Agency	Contact Information	Contact Status
U.S. Army Corps of Engineers – New York District	U.S. Army Corps of Engineers Regulatory Branch 26 Federal Plaza, Room 1937 New York, NY 10278 Phone: 917-790-8511	Initial Consultation letter sent 8/12/2014. New York District working through Philadelphia District.
National Park Service	National Park Service Renewable Energy Specialist 15 State Street Boston, MA 02109 Project POC: Mary Krueger Phone: 617-223-5066 email: Mary_C_Krueger@nps.gov	Initial Consultation letter sent 8/12/2014. Introductory meeting with National Wild and Scenic Rivers PA Board held on 10/1/2014. Updated route materials sent 7/24/15. Held conference call on Appalachian Trail crossing on 8/11/15.
U.S. Environmental Protection Agency Region 2	290 Broadway New York, New York 10007-1866 Project POC: Stephanie Lamster and Linaard Knutsen Phone: 877-251-4575 email: Knutson.Lingard@epa.gov	Initial Consultation letter sent 12/3/14. Updated route materials sent 7/24/15.
U.S. Environmental Protection Agency Region 3	1650 Arch Street Philadelphia, PA 19103 Project POC: Thomas G.S. UyBarreta and Barbara Rudnick Phone: 215-814-2953 email: uybarreta.thomas@epa.gov	Initial Consultation letter sent 12/3/14. Updated route materials sent 7/24/15.
USDA Natural Resources Conservation Service	220 Davidson Ave., 4 th floor Somerset, NJ 08873 Project POC: Carrie Mosley Phone: 732-537-6041 email: carrie.mosley@nj.usda.gov	Initial coordination meeting held 3/18/15. Updated materials sent 7/24/15. Joint agriculture community meeting held 6/2/15.

Table 1: Environmental Agency Contacts		
Agency	Contact Information	Contact Status
PENNSYLVANIA		
PADEP (Northeast Regional Office)	DEP Northeast Regional Office 2 Public Square Wilkes-Barre, PA 18701 Project POC: Joseph J. Buczynski Phone: 570-826-2511 email: jbczynski@pa.gov	Initial Consultation letter sent 8/12/2014. Coordination meeting held 11/19/14. Updated route materials sent 7/24/15. Meeting with Bureau of Abandoned Mine Reclamation held 2/23/15. Pre-application meeting 7/13/15.
PADEP (Southeast Regional Office)	DEP Southeast Regional Office 2 E. Main Street Norristown, PA 19401 Project POC: Domenic Rocco Phone: 484-250-5900 email: drocco@pa.gov	Initial Consultation letter sent 8/12/2014. Coordination meeting held 11/19/14. Updated route materials sent 7/24/15. Pre-application meeting 7/13/15.
PA Game Commission (PAGC)	Pennsylvania Game Commission 2001 Elmerton Avenue Harrisburg, PA 17110 Project POC: John Taucher Phone: 717-787-4250 email: jotaucher@pa.gov	Initial Consultation letter sent 8/12/2014. Specific TE species data shared and being evaluated. Consultation meeting held 9/25/2014. Special Use Permit for PGC land survey access issued 2/2015. Updated route materials sent 7/24/15. Appalachian Trail meeting held 5/21/15. Appalachian Trail field meeting held 8/27/15.
PA Fish and Boat Commission (PAFBC)	PA Fish and Boat Commission 450 Robinson Land Bellefonte, PA 16823 Project POC: Greg Lech Phone: 570-477-3985 email: glech@pa.gov	Initial Consultation letter sent 8/12/2014. Coordination meetings held 11/4/14 and 11/24/14. Updated route materials sent 7/24/15. Appalachian Trail meeting held 5/21/15.

Table 1: Environmental Agency Contacts		
Agency	Contact Information	Contact Status
PA Department of Conservation and Natural Resources (PADCNR)	Department of Conservation and Natural Resources Bureau of Forestry, Ecological Services Section 400 Market Street, PO Box 8552 Harrisburg, PA 17105 Project POC: David Mong Phone: 717-783-7947 email: damong@pa.gov	Initial Consultation letter sent 8/12/2014. Coordination meetings held 11/4/14 and 11/24/14. Updated route materials sent 7/24/15. Pre-Survey meeting held 3/18/15. Certificate to Survey PA State Park lands issued 4/8/15.
Pennsylvania Historical and Museum Commission (PAHMC)	Pennsylvania Historical and Museum Commission State Museum Building 300 North Street Harrisburg, PA 17120 Phone: 717-787-3362 Project POC: Mark Shaffer email: mshaffer@pa.gov	Initial Consultation letter sent 8/12/2014. Consultations ongoing. Updated route materials sent 7/24/15.
NEW JERSEY		
NJDEP	State of New Jersey Department of Environmental Protection P.O. Box 402 Trenton, NJ 08625 Project POC: Ruth Foster Phone: 609-292-3600 email: Ruth.Foster@dep.nj.gov	Initial Consultation letter sent 8/12/2014. Initial coordination meeting held 9/23/2014. Interagency coordination meeting held 12/2/14. Coordination meeting held with Natural and Historic Resources 3/31/15. Pre-application meeting held 7/2/15. Updated route materials sent 7/24/15. Biweekly calls are now occurring with PS&S.
NJ State Historic Preservation Office (NJSHPO)	State of New Jersey Department of Environmental Protection Historic Preservation Office P.O. Box 402 Trenton, NJ 08625 Project POC: Jesse West-Rosenthal Phone: 609-984-0176 email: jesse.west-rosenthal@dep.nj.gov	Initial Consultation letter sent 8/19/2014. Initial consultation meeting held 9/16/2014. Coordination meeting held 9/23/2014. Interagency coordination meeting held 12/2/14. Revised work plan approved 2/18/15. Updated route materials sent 7/24/15.

Table 1: Environmental Agency Contacts		
Agency	Contact Information	Contact Status
NJ State Agriculture Development Committee	State Agriculture Development Committee State Health and Agriculture Building 369 S. Warren Street Trenton, NJ 08625 Project POC: Tim Brill Phone: 609-984-2504 email: timothy.brill@ag.state.nj.us	Introductory meeting held 9/12/2014. Interagency coordination meeting held 12/2/14. Joint agriculture community meeting held 6/2/15. Updated route materials sent 7/24/15.
LOCAL		
Luzerne Conservation District	325 Smiths Pond Road Shavertown, PA 18078 Phone: 570-674-7991	Initial Consultation letter sent 8/21/2014. Joint meeting July 13, 2015. Updated route materials sent 7/24/15.
Carbon County Conservation District	5664 Interchange Road Lehigh, PA 18235 Phone: 610-377-4894	Initial Consultation letter sent 8/21/2014. Joint meeting July 13, 2015. Updated route materials sent 7/24/15.
Northampton County Conservation District	14 Gracedale Ave. – Greystone Building Nazareth, PA 18064 Phone: 610-746-1980	Initial Consultation letter sent 8/21/2014 Updated route materials sent 7/24/15.
Bucks County Conservation District	1456 Ferry Road, Suite 704 Doylestown, PA 08901 Phone: 215-345-7577	Initial Consultation letter sent 8/21/2014. Joint meeting July 13, 2015 Updated route materials sent 7/24/15.
Hunterdon County Conservation District	687 Pittstown Road Frenchtown, NJ 08825 Phone: 908-788-0795	Initial Consultation letter sent 8/21/2014 Updated route materials sent 7/24/15.
Mercer County Conservation District	508 Hughes Drive Hamilton Square, NJ 08690 Phone: 609-586-9603	Initial Consultation letter sent 8/21/2014. Updated route materials sent 7/24/15.
Delaware River Basin Commission (DRBC)	Delaware River Basin Commission 25 State Police Drive P.O. Box 7360 West Trenton, NJ 08628 Project POC: Pam Bush Phone: 609-477-7203	Initial Consultation letter sent 8/21/2014. Introductory meeting held 9/3/2014. Interagency coordination meeting held 5/12/15. Joint meeting 7/13/2015. Updated route materials sent 7/24/15.
Susquehanna River Basin Commission (SRBC)	4423 N. Front Street Harrisburg, PA 17110 Phone: 717-238-0423	Initial Consultation letter sent 8/21/2014. Coordination meeting held 11/5/14. Updated route materials sent 7/24/15.

Overview of Issues Posted To the Docket in August, 2015

Issue	Preliminary Response	Resource Report and/or Appendices where Issue will be addressed in Filing
Foreign pipeline crossings	<p>The PennEast line will cross multiple existing utilities, including foreign pipelines. PennEast is actively planning and coordinating with other utility operators to ensure safe crossing design, construction, and operations. PennEast will comply with the pipeline safety standards established by the U.S. Department of Transportation, Pipeline and Hazardous Materials Safety Administration (PHMSA) (49 CFR §190-199).</p>	Resource Reports 1 and 11
Concerns about trespassing	<p>The PennEast project team and consultants have been conducting various studies and surveys on the approximately 400 parcels along the route for which we have received survey permission, which represents approximately 60 percent of the entire route. PennEast began the FERC pre-file process and environmental surveys late last summer and early fall.</p> <p>The purpose of surveys is to gather relevant facts to aid in pipeline routing and construction planning. PennEast identifies wetlands and streams; cultural and historical resources; property-specific potential conflicts; and in selected areas, collect sub-surface data to identify areas of special concern.</p> <p>PennEast is committed to working within the law and respecting all affected landowners. PennEast and its consultants have been making efforts to accurately delineate property boundaries as to avoid unauthorized property access while conducting environmental surveys. The same efforts have also been undertaken while conducting civil survey within public ROWs.</p>	N/A
Concerns about blasting at Trap Rock Quarry and risks to the pipeline; concerns about seismic risks	<p>Quarry: In PennEast’s July monthly report the Project’s vicinity to the Trap Rock Quarry in Mercer County, NJ was summarized and discussed. PennEast is also aware and has been in discussions about Trap Rock’s second quarry in Hunterdon County, NJ (see mapping). A quarry blasting study has been conducted to evaluate blasting activities at quarries in NJ and PA to determine if the quarry activities pose any significant risk to the proposed Project facilities. The results of this analysis will be included in the final Resource Report 6 that will be filed in September 2015.</p> <p>Seismic: A seismic hazard evaluation was conducted identifying minimal to negligible risks to the Project facilities and the critical findings will be included in the final Resource Report 6 that will be filed in September 2015.</p>	Resource Report 6 and Appendix O

Issue	Preliminary Response	Resource Report and/or Appendices where Issue will be addressed in Filing
Proximity of ESC school and Hunterdon County Library South Branch	<p>ESC School: The ESC school is located approximately 0.4-mile from the proposed centerline. See attached Exhibit B.</p> <p>Hunterdon County Library: The Hunterdon County Library South Branch is located approximately 0.1-mile from the proposed centerline. See attached Exhibit B.</p>	Resource Reports 8 and 11
Proximity to Bethlehem Christian School	The proposed alignment is located approximately 400 feet from the Bethlehem Christian School Calvary Campus and is co-located with two existing midstream gas pipelines (TCO and PPL IEC) that extend across the athletic fields adjacent to the school. The pipelines were in existence before the school was built.	Resource Report 10
Proximity to Goat Hill Preserve	<p>PennEast considered the distance from the proposed centerline to the areas of the Priority Site where concentrated public activities and recreation would occur, such as Goat Hill Overlook, which includes Washington Rock and a public parking. These areas are located approximately 0.75 miles and are illustrated in a figure provided in the July Monthly report.</p> <p>According to the Natural Heritage Priority Sites GIS data available through NJDEP, the proposed pipeline crosses through ~0.4 miles of the Southeast corner of the Priority Site. The distance from the Overlook to the area where the pipeline enters the Priority site is ~1.1 miles. The path through the Priority site follows an existing electric transmission line ROW.</p>	Resource Reports 4 and 10
Concerns about proximity to Dallas High School, Francis Slocum State Park, Wilkes-Barre Scranton Airport, Lakewood Gardens, farms south of Beltzville, housing near Valley View Drive	<ul style="list-style-type: none"> • The Project is approximately ¼-mile from Dallas High School. See attached Exhibit B. • The Project traverses the southwestern edge of Francis Slocum State Park for approximately 0.3-mile and does not impact any major recreational areas of the park. • The Project is approximately 4.5-miles south of Wilkes-Barre/Scranton International Airport. See attached Exhibit B. • The Project passes through the Lakewood Gardens residential area in Pittston, PA. Specialized construction methods are being incorporated in the Project design to minimize potential impacts to residences in this area. • No permanent impacts are expected to farms south of Beltzville Lake. • The Project occurs within close proximity to residences along Valley View Drive in Bath, PA. Specialized construction methods are being incorporated in the Project design to minimize potential impacts to residences in this area. 	Resource Reports 10 and 11

Issue	Preliminary Response	Resource Report and/or Appendices where Issue will be addressed in Filing
<p>Concerns about Kidder compressor station: stream that flows into Black Creek, which feeds Leonardsville Swamp Community, which is a significant source of biodiversity; construction may bring activity within 0.25 miles of the swamps; impacts to Mosey Woods Wetlands across I-80; vibrations felt there (on the other side of a four-lane interstate); concerns of air quality impacts</p>	<p>Sensitive Areas (Streams, Swamps, Wooded lands): PennEast has used the siting process to avoid or minimize impacts to sensitive streams and waterbodies. Prior to construction, PennEast will be required to submit detailed erosion and sediment control (E&S) plans to both the Pennsylvania and New Jersey Department of Environmental Protection and/or county conservation districts. Upon approval, PennEast will employ related BMPs during construction to prevent erosion in accordance with the approved plans, as well as applicable regulations and permits. After restoration, PennEast is responsible for maintaining the permanent ROW while the pipeline remains in operation. Federal and state regulatory agencies will inspect and monitor the area to maintain compliance with all regulations and permits.</p> <p>Construction plans for the Project will be permitted through the NPDES and reviewed and/or approved by the state DEP, conservation districts, and River Basin Commissions. PennEast will employ approved BMPs during pipeline construction with the appropriate environmental controls in place. These BMPs will be inspected on a daily basis during construction by environmental inspectors as well as periodically by agency and FERC third-party inspectors.</p> <p>Baseline noise studies conducted at the proposed compressor station site have found that ambient noise levels will not be significantly impacted by a compressor station due to the proximity of Interstate 80. Additionally, The presence of rotating equipment is taken into account during the station design process to insure the structural integrity of the foundations and to minimize impacts to surrounding natural habitats.</p> <p>Air Quality: Potential impacts to air quality will be evaluated in accordance with PADEP and FERC regulatory requirements. Impacts will adhere to all applicable state and federal regulatory requirements. Although there are currently no regulatory requirements in place (either at a federal or state level) that limit carbon dioxide emissions from a facility, proper combustion techniques combined with high efficiency equipment can minimize the production of carbon dioxide and the emissions of associated greenhouse gases (GHGs). In terms of direct methane leaks from the natural gas supply, routine maintenance and proper construction of the pipeline will substantially reduce fugitive emissions from the equipment. All construction and maintenance will be in accordance with applicable state and federal regulations.</p>	<p>Resource Reports 2, 3, 8, 9 and supporting appendices.</p>

Issue	Preliminary Response	Resource Report and/or Appendices where Issue will be addressed in Filing
Impacts to Bethlehem Authority watershed and water line crossings	PennEast has been in communication with Bethlehem Authority regarding their existing facilities throughout the routing process. PennEast will continue to coordinate with BA in order to develop construction and mitigation plans that will avoid or minimize any potential impacts to the watershed, reservoirs and water transmission lines, specifically Blue Mountain Tunnel No. 1. In addition, PennEast will support the BA in developing a contingency plan for their system. At locations where the proposed route crosses the water transmission lines, the vertical separation is at least 200’.	Resource Reports 2 and 10
<p>General concerns (in no particular order)</p> <ul style="list-style-type: none"> ○ Safety ○ Water shed impacts ○ Invasive species ○ Property values ○ Drinking water ○ Septic systems ○ Insurance ○ Fracking ○ Eminent domain ○ Forest fragmentation 	Preliminary Responses to these general comments have been addressed in our Response to Scoping Comments Tables	These topics will be addressed in appropriate sections of Resource Reports and Appendices as noted in our Response to Scoping Comments Tables

EXHIBIT A

Meeting Report

Project Name:	PennEast	Meeting Date / Time:	August 4, 2015
Meeting Location	Highlands Council, 100 North Road, Chester NJ		
Participants:	Highlands Council: Margaret Nordstrom, Keri Benscoter, Chris Danis PennEast		

1.0 Project Overview

- 1.1 PennEast stated that the Project will require three NJDEP permits – Freshwater Wetlands, Flood Hazard Area, and Green Acres.
- 1.2 The revised Resource Reports 1 - General Project Description, 8 - Land Use, Recreation and Aesthetics, 9 - Air and Noise Quality, and 10 – Alternatives were filed with the Federal Energy Regulatory Commission on Friday July 31. The remainder of the Resource Reports will be filed Mid-September.
- 1.3 PennEast anticipates receiving the FERC certificate in Fall 2016.
- 1.4 21% of parcels in Holland and Alexandria Townships have access, 10% have been surveyed.
- 1.5 The PennEast team has considered around 100 route variations.

2.0 Consistency Determination

- 2.1 The Highlands Council will prepare a Consistency Determination regardless of PennEast cooperation. The Consistency Determination will be an advisory document to the NJDEP.
- 2.2 The Highlands Council prefers that preparation of the Consistency Determination be an “advisory, cooperative, and collaborative” process with PennEast.
- 2.3 A public hearing and comment period will be required as part of the Consistency Determination process. It would be beneficial to present the Mitigation Plan at the public hearing to demonstrate consistency with the Regional Master Plan.
- 2.4 Chris Danis said that the Consistency Determination is not an obstacle and will actually be quite helpful in coordinating with DEP.
- 2.5 The DEP cannot deny their permits based on PennEast not complying with Highlands.
- 2.6 The Highlands Council agreed that the project will not trigger local permits or site plan review.

3.0 Regional Master Plan Mapping and Components Matrix

- 3.1 Chris Danis used the Highlands online mapping tool to discuss potential project impacts to mapped resources and used a Draft Highlands Council RMP Resource Mitigation Matrix to review Highlands Resources.
- 3.2 The two resources particularly unique to the Highlands area are groundwater recharge and upland forests. Also, the Highlands Councils is concerned about rare species, not just threatened and endangered.
- 3.3 For upland forest impacts, the Highlands Council will want to see permanent impacts and temporary workspaces, including access roads.
- 3.4 The Highlands Council is not concerned with use standards, only impacts to resources.
- 3.5 Desktop research will likely be sufficient for most of the resources. The exception is confirmation of impacts to rare, threatened, and endangered species. Field verification can correct the mapped data.
- 3.6 PennEast should be able to demonstrate “avoidance and minimization.”
- 3.7 The Highlands Council is starting an open space program.

Meeting Report

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4.0 Next Steps for Coordination

- 4.1** The Highlands Council can help identify mitigation sites. The issue of “Landowner Equity” is big: landowners were deprived of value when the Highlands Act was passed; this is an opportunity for them to sell their land. The Highlands Council was able to help the Tennessee Gas Project. Mitigation Planning is the long lead item. Worst case scenario, PennEast can submit a mitigation plan without survey access. The mitigation plan could be adjusted based on field verifying resources and conditions.
- 4.2** Highlands Council wants an application concurrent with the NJDEP application. Their review would be well ahead of the NJDEP timeline. There is no completeness checklist. PennEast can submit a draft application first.
- 4.3** After submitting the application, the Highlands Council will engage in a collaborative review including the public hearing and comment period.



PennEast Pipeline Project

TROUT UNLIMITED MEETING MINUTES

Date: August 4, 2015

Attendees:

Katy L. Dunlap, Esq. - Trout Unlimited

Jim MacCartney – Trout Unlimited

Alisa Harris, UGI Energy Services – PennEast Pipeline Company

Kevin Kelleher, UGI Energy Services – PennEast Pipeline Company

Jon West, AECOM

Sarah Binckley, AECOM

Kelly Thompson, AECOM

Shannon Haight, AECOM

Bill Weihbrecht, AECOM

Bernie Holcomb, AECOM

Meeting Summary

Project Introduction

- Agenda materials were distributed to meeting participants (copy attached).
- PennEast and AECOM provided a Project Overview, including a brief history of siting process to avoid sensitive areas and minimize impacts, survey progress and schedule. Highlights include:
 - Several major reroutes were recently made to address a new interconnect and to minimize impacts to the Appalachian Trail.
 - In Pennsylvania, PennEast has received survey permission on approximately 75% of the pipeline route.
 - Environmental surveys have been completed along the majority of the parcels to which PennEast has access.
 - One compressor station will be sited in an area zoned Light Industrial, and is located adjacent to Interstate 80 in Kidder Township, PA.

Schedule

- PennEast anticipates submitting the FERC 7c application and required state and federal permit applications concurrently in mid-September.

Trout Unlimited

- Have had a major emphasis on shale gas campaign and production BMPs



- Focus is concentrated on NY, PA, WV and VA
- Jim's focus is on geomorphology and hydrology
- Concerned about unassessed trout streams – over 58,000 miles of streams yet to be assessed
- 2015 surveys of streams have identified additional wild trout streams that may not be on lists yet
- Recommend consultation with TU and PFBC on assessment of streams for designation

Potential Wetland and Waterbody Impacts

- PennEast proposes crossing the Susquehanna River using an open cut, dry crossing method.
 - A horizontal directional drill (HDD) at this location is too risky and would likely result in an inadvertent return of drilling fluid due to the approximately 100 feet of unconsolidated material under the river's bed and the presence of abandoned mines along this reach of the river. This assessment was made in consultation with PADEPs Abandoned Mine Reclamation Bureau and archived company mine maps.
 - The engineering team is currently designing the crossing, but the general approach will be to install a Portadam at the upstream tip of Monocanonck Island, which is located in the center of the river, to divert flow to one side of the river. Bladder dams will be installed adjacent to the pipeline trench for further dewatering. After the pipe is installed under half of the river, the flow diversion, dewatering, and pipeline installation will be completed on the other half of the river.
- HDDs are planned for other major (>100 feet wide) waterbody crossings: Lehigh River; Beltsville Lake (2 crossings), and Delaware River.
- It is planned that all minor (<10 feet) and intermediate (10 –100 feet) waterbody crossings will be conducted with dry crossing techniques if water is present at the time of construction.
- Reviewed dam and pump, and flume pipe construction techniques
- Discussed compliance with FERC Plan and Procedures with respect to timing restrictions and duration of crossing minor (24 hours) and intermediate (48 hours) streams.
- Discussed how the type of dry crossing was selected. Noted that it is typically decided at the time of construction based on flow and weather conditions. TU requested that PennEast develop guidance criteria that can be used by construction crews to determine the type of crossing method to use. Contractors may evaluate parameters such as flow at the time of construction in comparison to monthly or median flow. Data from nearest gauge station can be used as a source to estimate median flow.



- Discussed contingencies and mitigation for crossing methods, such as flash storm events. Need to have contingency plan for each crossing methodology. Need design criteria for capabilities of pumps per volume of discharge.
- Discussed use of storm events as metric for flume pipes
- TU requested consideration of additional resource information during field surveys such as maximum vertical bank, depth of pools, maximum scour depth, etc.
- TU requested typicals for bank and vegetation restoration.
- TU noted recent guidance and recommendations for NY project. AECOM requested information so that it could be incorporated as appropriate into plans
- TU mentioned changing from black flume pipe and sheeting to light colors to avoid potential for thermal impacts
- TU recommended single barrel for flume pipe crossings
- Discussed blasting and ongoing geophysical studies being conducted
- Discussed pre- and post-construction documentation and monitoring

Action Items

- AECOM to provide electronic data on mapping and shapefiles
- AECOM provided hard copy of CIA mapping
- AECOM to provide updated draft Waterbody Crossing Tables
- AECOM to provide draft construction typicals

Meeting Minutes prepared by: AECOM

Meeting Report

Project Name: PennEast Meeting Date / Time: August 5, 2015

Meeting Location: Conference Call

Participants: NJDEP - Patrick Sheppard, Chris Squazzo, Dennis Contois, JoDale Legg, Cari Wild, Bob Cartica, Kelly Davis, Jesse West-Rosenthal, Ruth Foster, David Pepe, Ron Bannister
PennEast

- 1.0 OPRA requests for LOIs and FHA verifications will be completed today.
- 2.0 PennEast will schedule a meeting with Green Acres staff mid to late August.
- 3.0 PennEast met with Highlands staff yesterday August 4, 2015 regarding a Consistency Determination. The meeting was very positive.
- 4.0 Field Work
 - 4.1 No geotechnical field work is currently scheduled.
 - 4.2 PennEast completed bat surveys on NJDEP lands from July 27 to August 4, 2015 at Ted Stiles Preserve on Baldpate Mountain.
 - 4.3 PennEast is currently doing delineations on NJDEP lands. Surveys started last Friday July 31, 2015 on Gravel Hill will continue along the alignment from north to south.
- 5.0 Route Review/Pre-Application Meeting Scheduled for September 2
 - 5.1 The meeting will be scheduled from 12:00 to 4:00.
 - 5.2 Chris Squazzo will provide a list of people attending.
 - 5.3 PennEast is working on the following items in preparation of our meeting:
 - 5.3.1 Percentage of estimated regulated areas that fall within areas we have surveyed;
 - 5.3.2 Percentage of estimated regulated areas that fall outside areas we have surveyed;
 - 5.3.3 How many of parcels have existing LOIs and FHA verifications;
 - 5.3.4 How many of the parcels with existing LOIs and FHA verifications fall within areas we have surveyed/how many outside;
 - 5.3.5 Of estimated regulated areas impacts, what percentage (and estimated acreage) are permanent and what percentage (and estimated acreage) are temporary;
 - 5.3.6 With Amy Greene Associates we would want to estimate the same percentages/quantities for threatened and endangered
 - 5.3.7 We should also estimate the additional quantity of impacts to regulated areas resulting from co-location efforts.
 - 5.3.8 Be able to pull up and show survey data.
 - 5.3.9 NJDEP commented that it would helpful if we could depict this information "section by section" If we could have something like alignment sheets.
- 6.0 The NJDEP asked for updates on mitigation.
 - 6.1 PennEast has identified a number of potential sites for mitigation.
 - 6.2 PennEast will further evaluate mitigation as total impacts resulting from the project are refined.
 - 6.3 Highlands-specific impacts will require mitigation as well.
- 7.0 PennEast stated that the purpose of the call is to help work out issues in advance of FERC call.
- 8.0 NJDEP recommended that PennEast conduct outreach with the NJ Conservation Foundation, Stony Brook Millstone Watershed, and the Delaware and Raritan Canal Commission.



Meeting Minutes

Today's Date: August 11, 2015

Contact Date: August 11, 2015

Time:

Engagement Method (meeting, presentation, call): Conference Call

Location (office, restaurant): Conference Call

Specify informational materials provided (e.g., project overview, fact sheet, map, etc...):

Project Team Members Present: Marco Calderon, Jeff England

Stakeholder(s) Present: National Park Service (NPS)

List issues and concerns raised by stakeholder(s): The NPS had a meeting/call with PAGC, ATC, and AMC on July 28.

PennEast explained that it intends to file a 7(c) application with FERC in September, 2015.

PennEast summarized the progress it has made on evaluating various alternatives for crossing the Appalachian Trail, including utilizing other existing utility easements. PennEast will prepare a document summarizing this alternatives analysis.

ACTION ITEMS

Specify follow-up actions required: PennEast will hold a site visit including a route walkthrough with the PGC in the coming weeks. When the date is set, PennEast will invite NPS, ATC, and AMC to join as well.

Additional notes/insights:



Meeting Minutes

Today's Date: August 18, 2015

Contact Date: August 18, 2015

Time:

Engagement Method (meeting, presentation, call): Meeting

Location (office, restaurant): Lehigh Township municipal building

Specify informational materials provided (e.g., project overview, fact sheet, map, etc...):

Project Team Members Present: Larry Godlasky

Stakeholder(s) Present Lehigh Township Board of Supervisors and staff

List issues and concerns raised by stakeholder(s): PennEast provided a project summary and explained why the most recent route change, associated with a modification of the Appalachian Trail crossing, now impacts portions of Lehigh Township. PennEast explained that it intends to file a 7(c) application with FERC in September, 2015.

ACTION ITEMS

Specify follow-up actions required PennEast will continue to reach out to impacted landowners to explain the project and answer questions.

Additional notes/insights:

Meeting Report

Project Name: PennEast Meeting Date / Time: August 18, 2015

Meeting Location: Conference Call

Participants: NJDEP – David Pepe, Michael Palmquist, Jan Gheen, Patrick Sheppard, Chris Squazzo, Dennis Contois, Cari Wild, Bob Cartica, Kelly Davis
PennEast

- 1.0** Status of delineations of wetlands and waterbodies in New Jersey
 - 1.1** NJDEP parcels in Holland, Kingwood, and Hopewell surveyed last week.
 - 1.2** Gilbert Substation in Holland surveyed last Friday.
 - 1.3** Private properties in West Amwell, Holland, Alexandria, and Hopewell surveyed last week and this week.
- 2.0** Gravel Hill Alternatives Analysis
 - 2.1** Developing a analysis of the alternatives studied that resulted in the preferred alignment.
- 3.0** Next Pre-Application Meeting Scheduled for 12:00 to 4:00 on September 2
 - 3.1** Meeting to be held at: Hatch Mott MacDonald
111 South Wood Avenue
Iselin, NJ 08830
 - 3.2** Please provide list of attendees
 - 3.2.1** Dave Pepe will send list of attendees.
 - 3.2.2** NJDEP will bring brown bag lunch.
- 4.0** Around the Room for Comments
 - 4.1** The agenda for the September 2 will include a route review that shows the preferred alignment, temporary and permanent requirements, and regulated areas. PennEast team members including engineers will be at the meeting to answer questions. NJDEP can email PennEast to suggest specific items for the agenda.
 - 4.2** PennEast received the dewatering guidance document provided by NJDEP.
 - 4.3** For borings in NJ, whether or not permit is required, PennEast should apply for boring permit in advance to ensure that the proper permits have been obtained. In general, a permit is not required for a boring less than 50 feet.
 - 4.4** NJDEP asked who is doing the wildlife and plant surveys including surveyor qualifications and what has been done so far.
 - 4.5** The New Jersey Natural Lands Trust asked about the status of the Gravel Hill Alternatives Analysis. PennEast responded that an analysis will be prepared in advance of September 2 meeting. The Trust is frustrated because this has been on ongoing issue since March.
- 5.0** Next Bi-Weekly Call: Wednesday September 2
 - 5.1** Postponed to be the same date of the next FERC Bi-Weekly Meeting.



Meeting Minutes

Today's Date: August 25, 2015

Contact Date: August 25, 2015

Time:

Engagement Method (meeting, presentation, call): Meeting

Location (office, restaurant): St. Luke's – Anderson Campus

Specify informational materials provided (e.g., project overview, fact sheet, map, etc.):

Project Team Members Present: Dante D'Alessandro, Patrick McCreery

Stakeholder(s) Present St. Luke's Representatives: Ed Nawrocki, Robert Martin, Robert Wax, Jim Derr

List issues and concerns raised by stakeholder(s): Introductions were made and Dante presented the route adjustment being considered. St. Luke's representatives had several engineering and environmental questions which Dante noted. Dante stated that he would get a packet together containing answers to all questions and get it to St. Luke's a.s.a.p. They asked why the line needed to move and Dante explained the engineering issues that made the move necessary.

ACTION ITEMS

Specify follow-up actions required: Dante would build the information packet and forward it to the St. Luke's representatives.

Additional notes/insights:



Meeting Minutes

Today's Date: August 27, 2015

Contact Date: August 27, 2015

Time:

Engagement Method (meeting, presentation, call): Field Meeting

Location (office, restaurant): Appalachian Trail

Specify informational materials provided (e.g., project overview, fact sheet, map, etc...):

Project Team Members Present: Marco Calderon, Juan Monez-Cazon, Thomas Hite, Bob Merritt, Dan Murphy, Jon West

Stakeholder(s) Present: PA Game Commission, Appalachian Trail Conservancy, Appalachian Mountain Club

List issues and concerns raised by stakeholder(s): Held a site visit at the proposed Appalachian Trail

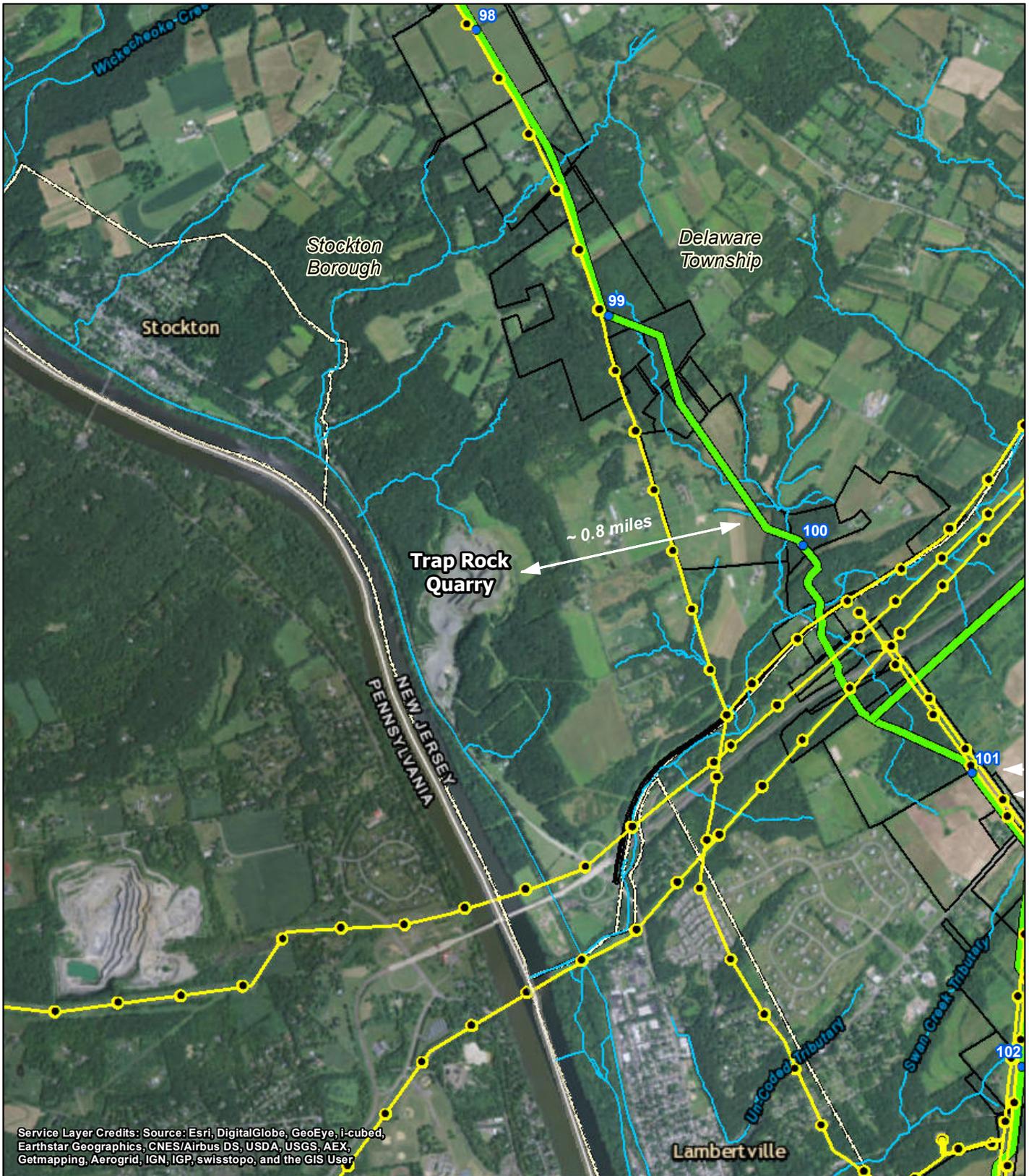
ACTION ITEMS

crossing on Pennsylvania Game Commission land. The team analyzed the proposed crossing, discussing construction methods, worker safety.

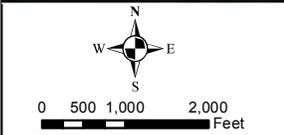
Specify follow-up actions required: Assess PAGC alternative route

Additional notes/insights:

EXHIBIT B

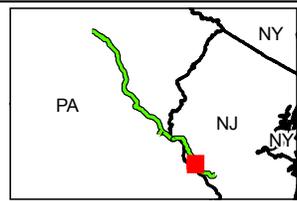


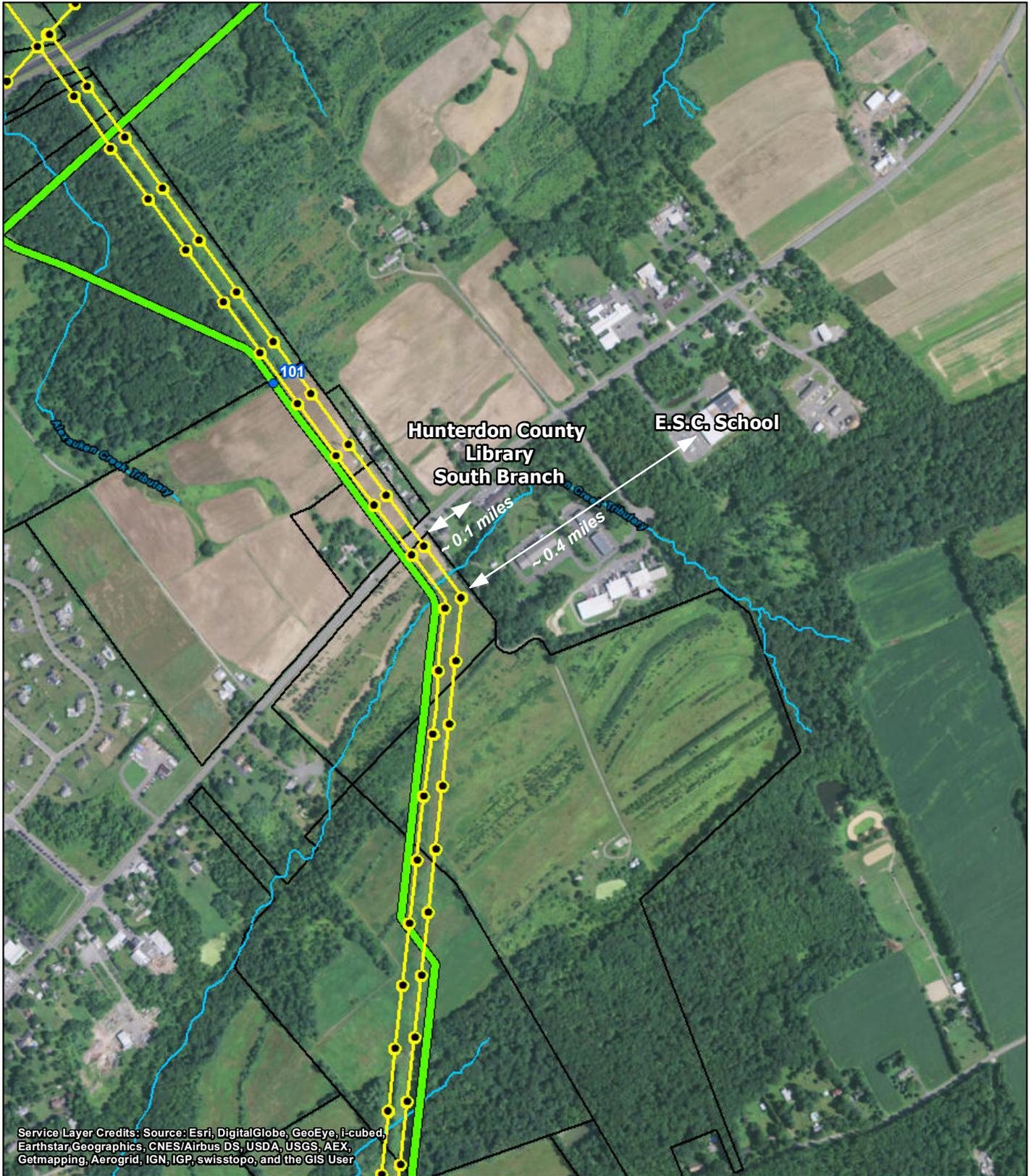
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- Legend**
- Mile Post
 - PennEast Proposed Route
 - Existing Electric Transmission Line

TITLE: Trap Rock Quarry			
LOC:		REV.:	
CKD. BY: BH	ENG.:	Date: 9/14/2015	W.O.:
DRN. BY: LB	SCALE: SEE GRAPHIC SCALE	DWG. NO.:	SHEET:





Service Layer Credits: Source: Esri, DigitalGlobe, GeoEye, I-cubed, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AEX, Getmapping, Aerogrid, IGN, IGP, swisstopo, and the GIS User



0 200 400 800 Feet

Legend

- Mile Post
- PennEast Proposed Route
- Existing Electric Transmission Line

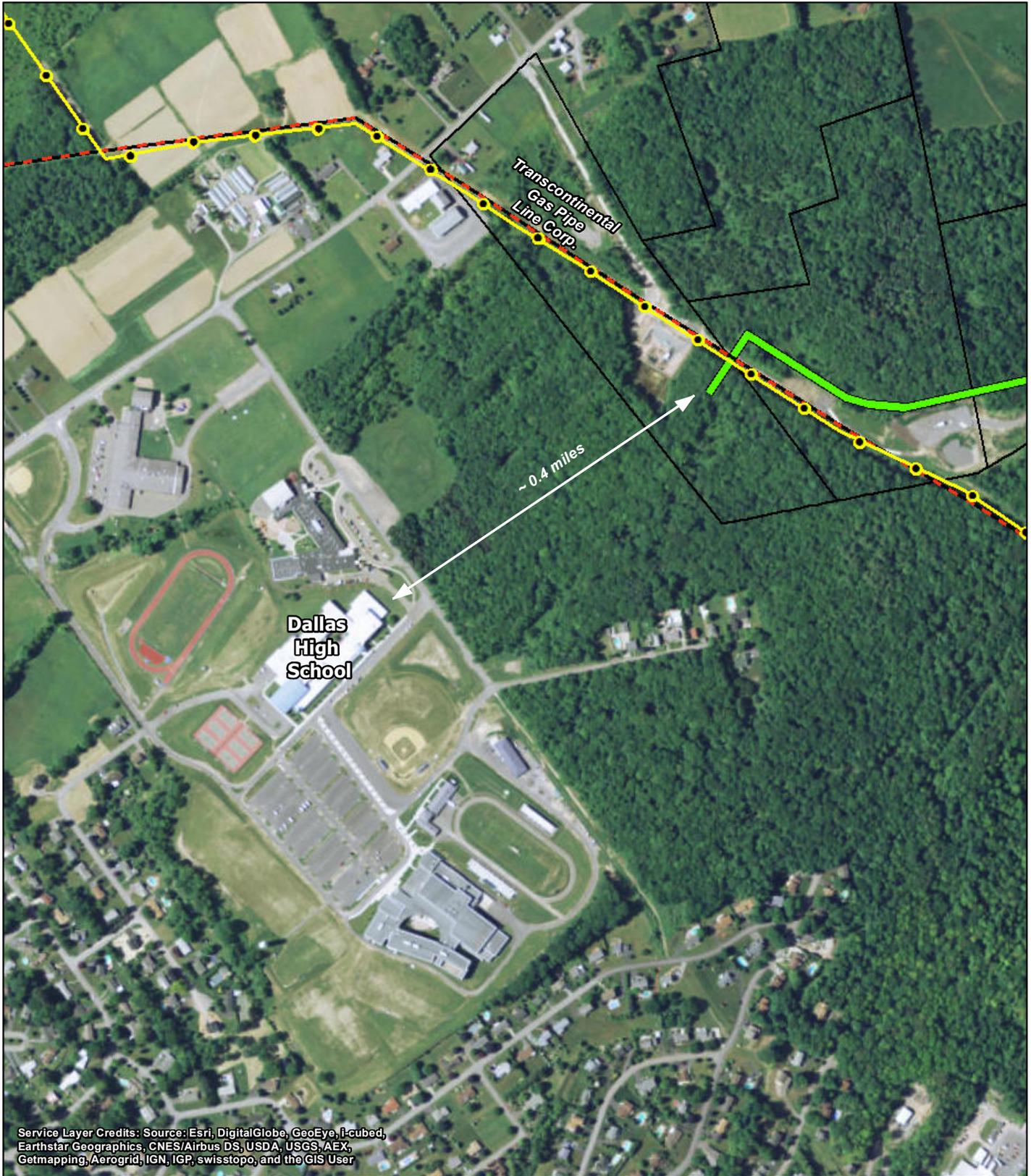
TITLE:

E.S.C. School and Hunterdon County Library South Branch

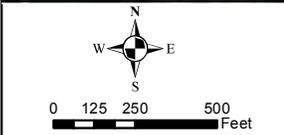
LOC:		REV.:	
CKD. BY: BH	ENG.:	Date: 9/14/2015	W.O.:
DRN. BY: LB	SCALE: SEE GRAPHIC SCALE	DWG. NO.:	SHEET:



PennEast Pipeline Company, LLC



Service Layer Credits: Source: Esri, DigitalGlobe, GeoEye, I-cubed, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AEX, Getmapping, Aerogrid, IGN, IGP, swisstopo, and the GIS User

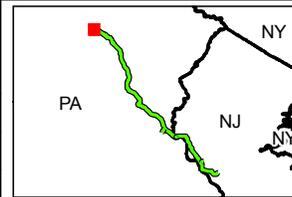


Legend

- PennEast Proposed Route
- Existing Electric Transmission Line
- - - Existing Natural Gas Pipeline

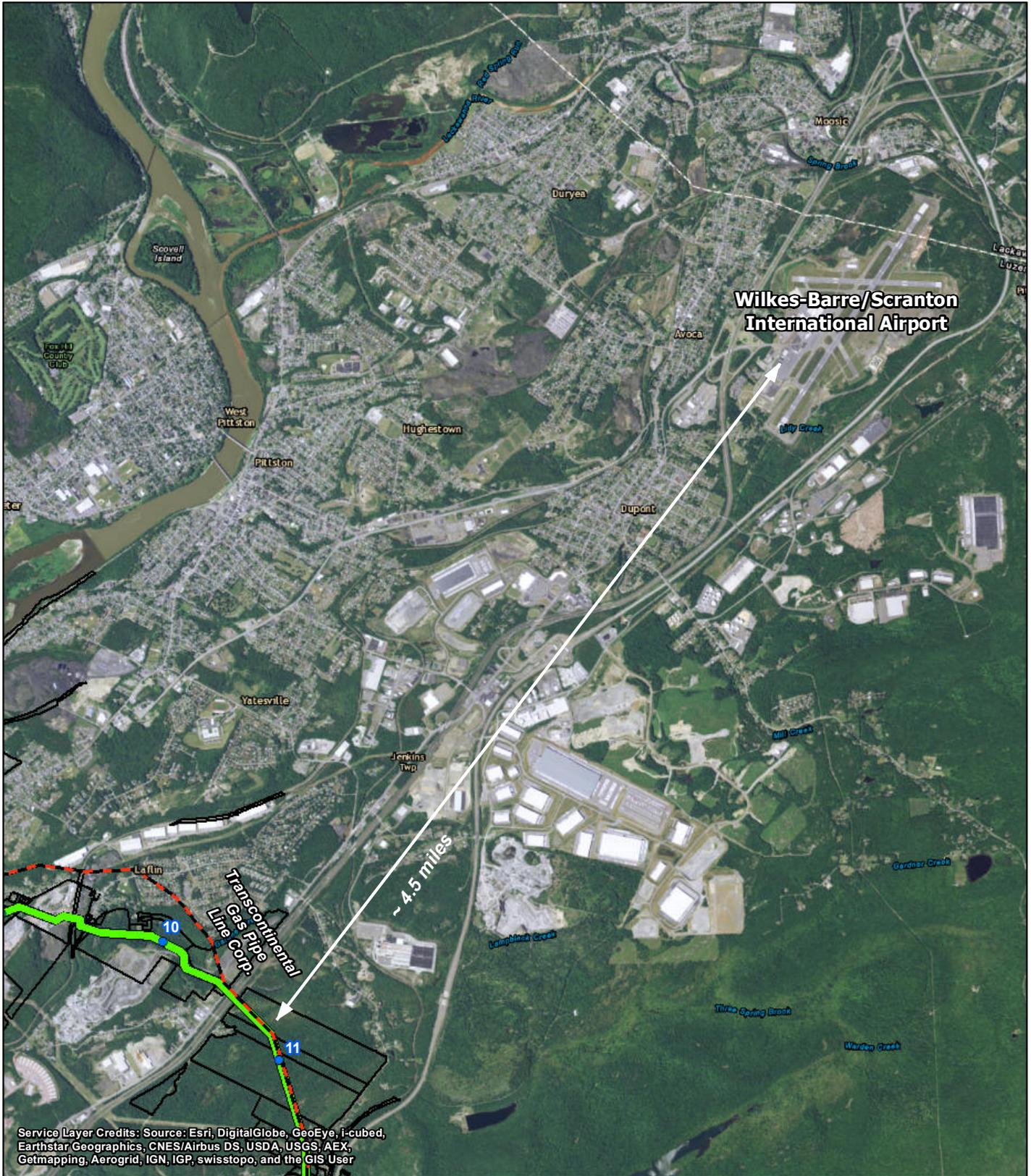
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Dallas High School

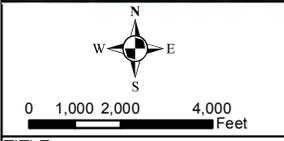


PennEast Pipeline Company, LLC

LOC:		REV.:	
CKD. BY: BH	ENG.:	Date: 9/14/2015	W.O.:
DRN. BY: LB	SCALE: SEE GRAPHIC SCALE	DWG. NO.:	SHEET:



Service Layer Credits: Source: Esri, DigitalGlobe, GeoEye, i-cubed, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AEX, Getmapping, Aerogrid, IGN, IGP, swisstopo, and the GIS User



Legend	
● Mile Post	— Existing Natural Gas Pipeline
— PennEast Proposed Route	

TITLE: Wilkes-Barre/Scranton International Airport



LOC:	REV.:
CKD. BY: BH	ENG.:
DRN. BY: LB	SCALE: SEE GRAPHIC SCALE
Date: 9/14/2015	W.O.:
DWG. NO.:	SHEET:

Document Content(s)

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