



PennEast Pipeline Company, LLC

PENNEAST PIPELINE PROJECT

**1.9 – CULTURAL RESOURCES SUMMARY
LUZERNE COUNTY**

REVISED OCTOBER 2019

Submitted by:
PennEast Pipeline Company, LLC



Agency Consultation/Coordination: The results of the archaeological and architectural history investigations conducted in Luzerne County for the PennEast Pipeline Project (Project) have been submitted to the Pennsylvania State Historic Preservation Office (PASHPO). Report submittal dates and PASHPO response dates are included in Table 1.9-1. Correspondence with and reports submitted to the PASHPO that do not include culturally sensitive information are included in the ESCGP Application Section 1.9-1. Correspondence and reports that contain culturally sensitive information are marked “Contains Privileged Information – Do Not Release,” and are included in Section 1.9-2 of this ESCGP Application.

**Table 1.9-1
 Project Report Submittals and PASHPO Response Dates**

Report Title	Abbreviated Title	Submittal Date	PASHPO Response Date
Cultural Resources Scoping Letter	Scoping Letter	8/20/14	9/10/14
Archaeological Reports:			
Phase I Archaeological Survey Report	PA Phase I	9/24/15	10/22/15
Phase I Archaeological Survey Report, Addendum 1	PA Phase I, Addendum 1	3/18/16	4/14/16
Phase I Archaeological Survey Report, Addendum 2	PA Phase I, Addendum 2	8/19/16	9/22/16
Phase I Archaeological Survey Report, Addendum 3	PA Phase I, Addendum 3	10/31/18	11/28/18
Phase I Archaeological Survey Report, Addendum 5	PA Phase I, Addendum 5	10/1/19	Anticipated 11/5/2019
Historic Architectural Reports:			
Reconnaissance-Level Historic Architectural Survey Report	PA Recon Survey	9/30/15	10/21/15
Reconnaissance-Level Historic Architectural Survey, Addendum 1	PA Recon Addendum 1	8/9/16	9/8/16
Reconnaissance-Level Historic Architectural Survey, Addendum 2 and Intensive-Level Historic Architectural Survey	PA Recon Addendum 2	5/9/17	6/1/17



Report Title	Abbreviated Title	Submittal Date	PASHPO Response Date
Reconnaissance-Level Historic Architectural Survey, Addendum 3 and Intensive-Level Historic Architectural Survey, Addendum 2	PA Recon Addendum 3	7/25/17	8/11/17
Reconnaissance-Level Historic Architectural Survey, Addendum 4 and Intensive-Level Historic Architectural Survey Revisions	PA Recon Addendum 4	10/31/18	11/27/18
Determination of Effects Report-Pennsylvania	PA Effects Report	5/3/19	6/5/19
Determination of Effects Report- Pennsylvania Addendum	PA Effects Addendum	7/22/19	8/19/19

On August 20, 2014, the PennEast Pipeline Company, LLC (PennEast) submitted the Scoping Letter to the PASHPO, which included Project mapping, the results of preliminary background research, and outlined the proposed methods for identification-level archaeological and architectural history surveys for the Project (Section 1.9-2). The Scoping Letter also included an Unanticipated Discovery Plan (UDP) guiding the treatment of human remains and archaeological sites that might be discovered during Project construction. The PASHPO concurred with PennEast’s survey methodologies and the UDP in a letter dated September 10, 2014. Cultural resources investigations have followed the PASHPO-approved methods. PennEast has provided all Project route changes to the PASHPO. In their letter dated May 28, 2019, the PASHPO concurred with PennEast’s summary of NRHP eligibility determinations and treatment plans for archaeological resources (Section 1.9-1). The PASHPO has also concurred with the recommendations of PennEast regarding the potential of the Project to effect individual historic architectural resources in their letter dated August 19, 2019.

On December 31, 2014, PennEast sent letters to 15 federally recognized Native American tribes with historic ties to the area crossed by the Project. Of the 15 tribes contacted, the Delaware Tribe of Indians, the Oneida Indian Nation, and the Stockbridge Munsee Band of Mohicans requested archaeological survey and evaluation reports for the Project. PennEast has provided these reports, as well as mapping for Project route changes. Correspondence with these three tribes is ongoing, copies of which are available on request.



Public Outreach: An Open House for the Project was held November 10, 2014, in Wilkes-Barre, Pennsylvania. The Federal Energy Regulatory Commission (FERC) held a Public Scoping Meeting in Wilkes-Barre, Pennsylvania, on February 12, 2015, to inform the public of the Project and to identify potential issues to be addressed in the Environmental Impact Statement (EIS). In December 2015, PennEast consulted with statewide, regional, and local organizations in Pennsylvania to request their input regarding known cultural resources located within the Project boundaries. For Luzerne County, these included the Luzerne County Historical Society, the Lehigh Valley Railroad Historical Society, the Pennsylvania Canal Society, and Preservation Pennsylvania, and the Society for Pennsylvania Archaeology. FERC held a public session on August 17, 2016, in Wilkes-Barre, Pennsylvania, to solicit comments on the Draft EIS.

Summary of Archaeological Investigations: The Phase I archaeological survey (Phase I Survey) in Luzerne County was performed according to the PASHPO-approved methods outlined in the Scoping Letter. The purpose of the Phase I Survey was to identify archaeological sites in the area of potential effects (APE) that are potentially eligible for listing in the National Register of Historic Places (NRHP). Between August 2014 and late 2016, a Phase I Survey was conducted in a 400-foot wide study corridor that extended beyond the limit of disturbance (LOD) for the Revised PA Route. The Phase I survey between late 2016 and July 2018 was limited to the LOD for the Revised PA Route, which serves as the APE for archaeological resources. Both the 400-foot study corridor and the LOD were subject to a thorough pedestrian survey to define above-ground indicators of archaeological sites such as rock shelters, historic structures, or foundations regardless of field conditions (i.e., steep slopes, standing water). Pedestrian survey was conducted in concert with subsurface testing that was guided by an archaeological sensitivity model based on geographic information systems analysis and historic mapping. Subsurface testing methods included shovel testing in uplands, where archaeological resources are typically located within three feet of the ground surface. Deeper test unit excavation was conducted in alluvial settings where archaeological sites can be buried below three feet. PennEast submitted the results of Phase I archaeological survey on recent minor workspace expansions and a potential reroute on the Pinchot State Forest in Luzerne County to the PASHPO on October 1, 2019 (Section 1.9-2). The PASHPO's response is anticipated in November 2019.

Archaeological Resources Identified: The Phase I Survey in Luzerne County identified eight archaeological resources, seven of which are located in or adjacent to the Revised PA Route. These seven archaeological resources are summarized below in Table 1.9-2, along with PennEast and PASHPO recommendations on their eligibility for listing in the NRHP and treatment status. The PASHPO determined that three of the seven archaeological resources were not eligible for the NRHP (36LU/050, 36LU0330, 36LU0339) and that the portion of one archaeological resource in the APE was not eligible for the NRHP (36LU0337), and that no further work was recommended. The PASHPO concurred with the avoidance plan (fencing, signage) for the portion of 36LU0337 located adjacent to the APE. The PASHPO concurred with the avoidance plans (fencing, signage) for two resources (CEMLU0008, 36LU0338) located adjacent to the LOD. One of the seven archaeological resources (36LU0110) is located in and adjacent to the APE for the Revised PA Route. The PASHPO determined that the site is eligible for listing in the NRHP, and that data recovery excavations are required for the portion of the resource in the permanent easement prior to construction. The PASHPO also concurred



with a minimization plan for 36LU0110 that calls for fencing and signage adjacent to the LOD and matting portions of the LOD outside of the permanent easement.

**Table 1.9-2
 Archaeological Resources In or Adjacent to the Revised PA Route in Luzerne County**

Resource ID	Description	PennEast NRHP Recommendation and Treatment Recommendation	PASHPO NRHP Determination and Treatment Recommendation	Treatment Status
36LU/050	Prehistoric Isolated Find	Not Eligible, No Further Work (PA Phase I)	Not Eligible, No Further Work (10/22/15)	No Further Work
36LU0330	Historic Site	Not Eligible, No Further Work (PA Phase I)	Not Eligible, No Further Work (10/22/15)	No Further Work
36LU0337	Prehistoric and Historic Site	Not Eligible in APE, No Further Work in APE (PA Phase I, Addendum 2). Avoidance Plan for Portion adjacent to APE (PA Phase I, Addendum 3)	Not Eligible, No Further Work in APE (9/22/16); Avoidance Plan for Portion Adjacent to APE Accepted (11/28/18)	No Further Work in APE, Avoidance for Portion Adjacent to APE
36LU0110	Prehistoric Site	Eligible, Data Recovery (PA Phase II:36LU0110)	Eligible, Data Recovery in Permanent Easement, Minimization Plan in other portions of APE accepted (8/23/17)	Eligible, Data Recovery in Permanent Easement, Minimization in other Portions of APE
CEMLU0008	Historic Cemetery	Potentially Eligible, Avoidance (PA Phase I, Addendum 3)	Not Evaluated, Avoidance Plan Accepted (11/28/18)	Avoidance
36LU0338	Prehistoric Site	Potentially Eligible, Avoidance (PA Phase I, Addendum 1)	Not Evaluated, Avoidance Plan Accepted (4/14/16)	Avoidance
36LU0339	Prehistoric Site	Not Eligible, No Further Work (PA Phase I, Addendum 1)	Not Eligible, No Further Work (4/14/16)	No Further Work

Summary of Architectural History Investigations: The architectural history field survey occurred between October 2014 and May 2015 within an architectural history APE based on properties intersected by a 400-foot wide study corridor as presented to PASHPO in the Scoping Letter (September 10, 2014). Beginning in late 2016, the APE was refined and limited to those properties intersected by the LOD for the PA Revised Route. Inaccessible historic-age parcels were coordinated with the PASHPO based on a methodology approved in April 2018. Field survey of the Revised PA Route is complete in Luzerne County.

Historic Architectural Resources Identified

The architectural history survey for Luzerne County identified 31 historic architectural resources within the APE for the Revised PA Route. None of the 31 resources require further work. All of the resources were recommended by PASHPO for no further work, either because they were not NRHP eligible, or because there was no anticipated Project effect. PASHPO coordination for these resources is summarized in Table D-3 below.

**Table D-3
 Aboveground Resources In or Adjacent to the Revised PA Route in Luzerne County**

Resource ID*	Resource Description	PennEast NRHP and Effects Recommendation	PASHPO NRHP Determination and Anticipated Effects	Treatment Status
156166	Railroad (Delaware, Lackawanna & Western)	Not Applicable; No Effects (PA Effects Report)	Previously Determined Eligible for the NRHP, No Effects (6/5/19)	No Further Work
156109	Railroad (Lehigh Valley)	Not Applicable; No Effects (PA Effects Report)	Previously Determined Eligible for the NRHP, No Effects (6/5/19)	No Further Work
155624	Railroad (Erie & Wyoming Valley)	Not Applicable; No Effects (PA Effects Report)	Previously Determined Eligible for the NRHP, No Effects (6/5/19)	No Further Work
155754	Railroad (Central New Jersey)	Not Applicable; No Effects (PA Effects Report)	Previously Determined Eligible for the NRHP, No Effects (6/5/19)	No Further Work
156670	Hildebrandt Farmstead	Not Eligible (PA Recon Addendum 4)	Undetermined; No Anticipated Effects (11/27/18)	No Further Work
203981	Frances Slocum State Park	Not Applicable; No Adverse Effects (PA Effects Report)	Undetermined; No Anticipated Effects (6/5/19)	No Further Work
86551	Residence (Crawford House, Razed)	Not Applicable	Not Applicable	No Further Work



Resource ID*	Resource Description	PennEast NRHP and Effects Recommendation	PASHPO NRHP Determination and Anticipated Effects	Treatment Status
97157	Residence (Jeremiah Blanchard House, Razed)	Needs Additional Research (PA Recon Survey); Not Eligible (PA Recon Addendum 2)	Undetermined; No Anticipated Effects (6/1/17)	No Further Work
202791	Early 20th Century Farmstead with above-average agricultural production	Needs Additional Research (PA Recon Survey); Not Eligible (PA Recon Addendum 2)	Eligible; No Anticipated Effect (6/1/17)	No Further Work
202429	Residential, Modern movement dwelling	Not Eligible (PA Recon Survey)	Undetermined; No Anticipated Effects (10/21/15)	No Further Work
202434	Residential, Vernacular dwelling	Not Eligible (PA Recon Survey)	Undetermined; No Anticipated Effects (10/21/15)	No Further Work
202794	Intact ca. 1865 Italianate dwelling	Eligible (PA Recon Addendum 2)	Eligible; No Adverse Effects (8/19/19)	No further Work
202440	Industrial, Natural gas facility.	Not Eligible (PA Recon Survey)	Undetermined; No Anticipated Effects (10/21/15)	No Further Work
202441	Residential, 3-bay dwelling with additions	Not Eligible (PA Recon Survey)	Undetermined; No Anticipated Effects (10/21/15)	No Further Work
202442	19th Century Cemetery	Not Eligible (PA Recon Survey)	Undetermined; No Anticipated Effects (10/21/15)	No Further Work
202443	Residential, Cape Cod dwelling	Not Eligible (PA Recon Survey)	Undetermined; No Anticipated Effects (10/21/15)	No Further Work
202795	ca. 1794 Cemetery	Needs Additional Research (PA Recon Survey); Not Eligible; (PA Recon Addendum 2)	Undetermined; No Anticipated Effects (6/1/17)	No Further Work



Resource ID*	Resource Description	PennEast NRHP and Effects Recommendation	PASHPO NRHP Determination and Anticipated Effects	Treatment Status
202438	Residential, Gambrel-roofed dwelling	Not Eligible (PA Recon Survey)	Undetermined; No Anticipated Effects (10/21/15)	No Further Work
202436	Farmstead, Outbuildings	Not Eligible (PA Recon Survey)	Undetermined; No Anticipated Effects (10/21/15)	No Further Work
202430	Residential, Ranch style dwelling	Not Eligible (PA Recon Survey)	Undetermined; No Anticipated Effects (10/21/15)	No Further Work
202793	Farmstead, outbuildings	Not Eligible (PA Recon Survey)	Undetermined; No Anticipated Effects (10/21/15)	No Further Work
202435	Farm, 5-bay Vernacular dwelling	Needs Additional Research (PA Recon Survey)	Undetermined; No Anticipated Effects (10/21/15)	No Further Work
203481	Residential, Ranch style dwelling	Not Eligible (PA Recon Addendum 1)	Undetermined; No Anticipated Effects (9/8/16)	No Further Work
203483	Commercial, Concrete block garage	Not Eligible (PA Recon Addendum 1)	Undetermined; No Anticipated Effects (9/8/16)	No Further Work
203486	Residential, 5-bay Vernacular dwelling	Not Eligible (PA Recon Addendum 1)	Undetermined; No Anticipated Effects (9/8/16)	No Further Work
LU-0270	Residential, Vernacular dwelling	Not Eligible (PA Recon Addendum 4)	Undetermined; No Anticipated Effects (11/27/18)	No Further Work
LU-0279	Farm, Barn	Not Eligible (PA Recon Addendum 4)	Undetermined; No Anticipated Effects (11/27/18)	No Further Work
LU-0280	Recreational, Vernacular hunting cabin	Not Eligible (PA Recon Addendum 4)	Undetermined; No Anticipated Effects (11/27/18)	No Further Work
LU-0290	Residential, Vernacular dwelling	Not Eligible (PA Recon Addendum 4)	Not Eligible (11/27/18)	No Further Work



Resource ID*	Resource Description	PennEast NRHP and Effects Recommendation	PASHPO NRHP Determination and Anticipated Effects	Treatment Status
LU-0373	Residential, Vernacular dwelling	Not Applicable (PA Effects Report)	No Adverse Effects (6/5/19)	No Further Work
LU-0375	Vacant, Forested	Not Applicable (PA Effects Report)	No Adverse Effects (6/5/19)	No Further Work

* PASHPO key number (5 digits) or PennEast temporary field number (county abbreviation followed by 4 digits).