

*Atlantic Sunrise Project – PA DEP Chapter 105 Permit Application
Transcontinental Gas Pipe Line Company, LLC
Northumberland County*

ATTACHMENT D -1
SUMMARY OF PHMC COORDINATION

Revised November 18, 2016

Note: This Attachment has been replaced in its entirety

The results of the archaeological, geomorphological and Architectural History investigations conducted in Northumberland County have been submitted to the PHMC for review, as parts of four report packages: the March 2015 Initial Report Package, the November 2015 Addendum 1 Report Package, the May 2016 Addendum 2 Report Package, and the August 2016 Addendum 3 Report Package. These report submittals are marked “Contains Privileged Information – Do Not Release,” and can be available upon request directly to the PHMC. The PHMC has not requested any other specific survey methodologies or data with regard to the Project elements in Northumberland County, aside from that supplied in the following reports and PHMC correspondence (**Table D-1**) and copies of these clearance/approval letters are provided within Attachment D-2.

**Table D-1
 Project CRM Report Submittals and PHMC Responses**

Report Package Submission	PHMC Response Correspondence
March 2015 Initial Report Package	<u>Archaeology and Geomorphology</u> : Concurrence letter from the PHMC dated 21 September 2015
	<u>Architectural History</u> : Confirmation of receipt letter from the PHMC dated 22 April 2015
November 2015 Addendum 1 Report Package	<u>Archaeology and Geomorphology</u> : Concurrence letter from the PHMC dated 8 March 2016
	<u>Architectural History</u> : Confirmation of receipt letter from the PHMC dated 14 December 2015
May 2016 Addendum 2 Report Package	<u>Archaeology and Geomorphology</u> : Concurrence letter from the PHMC dated 14 July 2016
	<u>Architectural History</u> : Confirmation of receipt letter from the PHMC dated 27 June 2016
August 2016 Addendum 3 Report Package	<u>Archaeology and Geomorphology</u> : Concurrence letter from the PHMC dated 21 September 2016
	<u>Architectural History</u> : Confirmation of receipt letter from the PHMC dated 19 September 2016

The Unanticipated Discovery Plan prepared for the Project was included as part of the March 2015 Phase I report submittal, and approved for use by the PHMC in the 21 September 2015 response letter (noted above). The Unanticipated Cultural and Human Remains Discovery Plans and the Unanticipated Discovery Plan for Paleontological Resources Plan are included as Attachments 4 and 5, respectively, within the ECP (Attachment M).

Public Outreach: An open house for the Project in Northumberland County was held at the Wayside Inn on June 4, 2014. Public comment from several landowners was received on potential cultural issues, all of which were examined and addressed during the cultural resources field reconnaissance for the Project. In addition to the open house, consultation was initiated with Mahoney & Mahantongo Historical & Preservation Society concerning cultural resources in Northumberland County, with no response to consultation request.

Consultation was also initiated with 25 Native American tribal entities that may have cultural resources concerns within Northumberland County. Of the 25 tribes contacted, the Catawba Indian Tribe, Delaware Nation, Delaware Tribe of Indians, Oneida Nation, and the Stockbridge Munsee Band of Mohicans requested Project cultural resources documentation and provided comment on the Project. Cultural resources documentation has been provided, and coordination is ongoing with these five tribal entities.

Cultural Resources Survey Summary: The Phase I archaeological field reconnaissance conducted in Northumberland County was focused on accessible portions of the 7.4 miles of proposed CPL-South alignment, through investigation of a 300-foot-wide study corridor and full survey coverage of ancillary work areas. This survey involved the examination of 2,978 sample loci, with 983 occurring on steep slopes, 68 SL as wet (in either a waterbody or wetland), 348 SL within agricultural fields displaying sufficient ground surface visibility to meet PHMC guidelines, and 1,148 SL were determined to have been subjected to modern ground disturbance (most commonly underground pipeline utilities). The field crew also visually inspected four SL in residential properties. The visual inspection was supplemented by the hand excavation of 427 shovel tests. These investigations resulted in the identification of three archaeological resources within the current limits of the field survey, as outlined in the section below.

The geomorphological desktop study identified the Mahanoy Creek crossing as an area displaying the potential for deeply buried cultural deposits, and recommended field examination. However, Phase I shovel testing at this location determined further deep testing was not warranted and no additional geomorphological investigations were necessary.

Additional cultural resources fieldwork is projected in Northumberland County during the summer and winter of 2016, on realigned and previously-inaccessible tracts of the CPL-South loop and additional temporary-use work areas.

Cultural Resources Identified: The Phase I archaeological field reconnaissance of Northumberland County resulted in the identification of three archaeological resources. Two of these archaeological resources represent low-frequency/ephemeral surface and plowzone artifact scatters displaying limited potential for intact, significant archaeological deposits, and were recommended as Not Eligible for the NRHP. One archaeological resource was identified as a historic mining operation and was determined Potentially Eligible for intact archaeological deposits. The PHMC recommended Phase II testing at this location or avoidance of the site. In 2015, the PHMC approved the avoidance/impact minimization measures proposed by Transco.

A total of four aboveground resources were identified during the Architectural History survey conducted for Project land requirements in Northumberland County. One of these resources was submitted as a full Historic Resource Survey Form to PHMC. PHMC found the resource to be Not Eligible, and also determined there would be no anticipated effects to the remaining three resources as a result of the Project.

Table D-2
Inventory of Archaeological Resources Identified in Northumberland County

Resource ID	Type	Description	PHMC NRHP Determination	Treatment
36NB0196	Archaeological Resource	Historic Mining Operation	Potentially Eligible (11/24/2015)	Avoidance, Impact Minimization Plan Approved by PHMC (12/7/2015)
36NB0197	Archaeological Resource	Historic Surface Scatter	Not Eligible (11/24/2015)	No Further Work
36NB/011	Archaeological Resource	Historic Surface Scatter	Not Evaluated, No Further Work (5/13/2015)	No Further Work

Table D-3
Inventory of Aboveground Cultural Resources Identified in Northumberland County

BHP Key	Resource Description	Transco NRHP Recommendation	PHMC NRHP Determination and Anticipated Effects	Treatment Status
862020	Farmstead, 4-bay brick dwelling	Not Eligible (11/3/2014)	Undetermined; No anticipated effects (12/2/2014)	No further work
862019	Residential, 3-bay wood-frame dwelling with additions	Not Eligible (11/3/2014)	Undetermined; No anticipated effects (12/2/2014)	No further work
862217	Farm, 4-bay brick dwelling with eclectic detailing	Not Eligible (5/20/2016)	Not Eligible (6/17/2016)	No further work
862227	Outbuilding	Not Eligible (6/26/2015)	Undetermined; No anticipated effects (7/27/2015)	No further work