

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

ATTACHMENT D -1
SUMMARY OF PHMC COORDINATION

Revised November 18, 2016

Note: This Attachment has been replaced in its entirety

Agency Consultation/Coordination: The results of the archaeological, geomorphological and Architectural History investigations conducted in Luzerne 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 Luzerne 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 Luzerne County was held at Lake Lehman High School on May 20, 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 the Luzerne County Historical Society and Harvey’s Lake Beach Association concerning cultural resources in Luzerne County. The

Luzerne County Historical Society had no comment on the Project, and the Harvey's Lake Beach Association did not respond to consultation requests.

Consultation was also initiated with 25 Native American tribal entities that may have cultural resources concerns within Luzerne 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 Luzerne County was focused on the 22.2 miles of proposed CPL-North alignment. The field survey investigated a 300-foot-wide study corridor on CPL-North through Luzerne County, in addition to full survey coverage of ancillary work areas, which resulted in the examination of 9,307 SL within 895.19 acres in Luzerne County. The field survey recorded 1,731 SL as occurring on steep slopes, 766 SL as wet (in either a waterbody or wetland), 339 SL within agricultural fields displaying sufficient ground surface visibility to meet PHMC guidelines, and 1,921 SL were determined to have been subjected to modern ground disturbance (most commonly underground pipeline utilities). The field crew also visually inspected 43 SL in residential properties. The visual inspection was supplemented by the hand excavation of 4,507 shovel tests. These investigations resulted in the identification of eight archaeological resources within the current limits of the field survey, as outlined in the section below.

The Architectural History field reconnaissance of the Project in Luzerne County resulted in the identification of 40 historic-era aboveground resources located within the viewshed of the Project, as indicated in **Table D-3** below.

The geomorphological survey did not identify any potential for deeply buried cultural deposits on the Project land requirements in Luzerne County.

Cultural Resources Identified: The Phase I archaeological field reconnaissance of the CPL-North study corridor in Luzerne County resulted in the identification of eight archaeological resources. All eight of these resources were recommended Not Eligible for the NRHP, and have been confirmed by the PHMC during eligibility review meetings as not requiring any further investigations prior to construction.

A total of 51 aboveground resources were identified during the Architectural History survey conducted for Project land requirements in Luzerne County; 40 of these resources are currently located within the Project, while an additional 11 resources were identified on parcels subsequently removed from the Project APE (due primarily to changes in the Project alignment). One resource was determined to be a rural historic district identified by Transco and confirmed by PHMC. This rural historic district, called the Nesbitt Estate Rural Historic District, was determined to be Eligible by the PHMC with the Project representing an Adverse Effect to rock walls and other stone features, as well as the forest setting. The rural historic district crosses into Wyoming County as well, and so is counted as a resource for both Luzerne and Wyoming counties (see discussion of Wyoming County). Transco recommended two additional resources as Eligible for the NRHP, and PHMC review concluded that while one of the resources was Eligible, the other resource was determined to be Not Eligible. No anticipated effects were determined for the remaining 37 resources as a result of the Project.

**Table D-2
 Inventory of Archaeological Resources Identified in Luzerne County**

Resource ID	Type	Description	PHMC DOE Determination	Treatment Status
36LU/047	Archaeological Resource	Prehistoric Isolated Find	Not Evaluated, No Further Work (9/21/2015)	No Further Work
36LU0335	Archaeological Resource	Historic Subsurface Scatter	Not Eligible (11/24/2015)	No Further Work
36LU0322	Archaeological Resource	Prehistoric Subsurface Scatter	Not Eligible (8/5/2014)	No Further Work
36LU/046	Archaeological Resource	Prehistoric Isolated Find	Not Evaluated, No Further Work (7/8/2014)	No Further Work
36LU0325	Archaeological Resource	Historic Subsurface Scatter and Foundation	Not Eligible (10/9/2014)	No Further Work
36LU0324	Archaeological Resource	Historic Subsurface Scatter	Not Eligible (10/9/2014)	No Further Work
36LU0336	Archaeological Resource	Historic Surface Scatter	Not Eligible, No Further Work (3/1/2016)	No Further Work
36LU/052	Archaeological Resource	Prehistoric Isolated find	No DOE, Not Evaluated, No Further Work (3/1/2016)	No Further Work

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

BHP Key	Resource Description	Transco NRHP Recommendation	PHMC NRHP Determination and Anticipated Effects	Treatment Status
861933	Residential, 4-bay wood-frame dwelling remodeled	Not Eligible (10/1/2014)	Undetermined; No anticipated effects (11/5/2014)	No further work
862173	Farm, 4-bay vernacular wood-frame dwelling	Not Eligible (1/7/2015)	Undetermined; No anticipated effects (2/2/2015)	No further work unless reroutes result in changes to impacts
861932	Residential, Minimal Traditional dwelling	Not Eligible (10/1/2014)	Undetermined; No anticipated effects (11/5/2014)	No further work

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Inventory of Aboveground Cultural Resources Identified in Luzerne County

BHP Key	Resource Description	Transco NRHP Recommendation	PHMC NRHP Determination and Anticipated Effects	Treatment Status
861931	Residential, 4-bay vernacular wood-frame dwelling	Not Eligible (10/1/2014)	Undetermined; No anticipated effects (11/5/2014)	No further work
862172	Residential, Ranch dwelling	Not Eligible (1/7/2015)	Undetermined; No anticipated effects (2/2/2015)	No further work
861930	Residential, Vernacular dwelling with multiple additions	Not Eligible (10/1/2014)	Undetermined; No anticipated effects (11/5/2014)	No further work
861935	Site, State Park	Not Evaluated (10/1/2014)	Undetermined; No anticipated effects (11/5/2014)	No further work unless reroutes result in changes to impacts
861929	Farmstead, 3-bay dwelling with Queen Anne details	Not Eligible (10/1/2014)	Undetermined; No anticipated effects (11/5/2014)	No further work
861928	Residential, Minimal Traditional dwelling	Not Eligible (10/1/2014)	Undetermined; No anticipated effects (11/5/2014)	No further work
862171	Farmstead, Queen Anne-style wood-frame dwelling	Eligible (7/29/2016)	Not Eligible (8/22/2016)	No further work
861927	Residential, Minimal Traditional dwelling	Not Eligible (10/1/2014)	Undetermined; No anticipated effects (11/5/2014)	No further work
861926	Residential, Vernacular dwelling with multiple additions	Not Eligible (10/1/2014)	Undetermined; No anticipated effects (11/5/2014)	No further work
861925	Residential, Vernacular, original form obscured by additions	Not Eligible (10/1/2014)	Undetermined; No anticipated effects (11/5/2014)	No further work
861924	Residential, 3-bay vernacular wood-frame dwelling with additions	Not Eligible (10/1/2014)	Undetermined; No anticipated effects (11/5/2014)	No further work
861923	Residential, Split Level	Not Eligible (10/1/2014)	Undetermined; No anticipated effects (11/5/2014)	No further work
861922	Residential, Minimal Traditional dwelling	Not Eligible (10/1/2014)	Undetermined; No anticipated effects (11/5/2014)	No further work

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BHP Key	Resource Description	Transco NRHP Recommendation	PHMC NRHP Determination and Anticipated Effects	Treatment Status
861934	Residential, Vernacular dwelling	Not Eligible (10/1/2014)	Undetermined; No anticipated effects (11/5/2014)	No further work
861921	Residential, 4-bay wood-frame dwelling with alterations	Not Eligible (10/1/2014)	Undetermined; No anticipated effects (11/5/2014)	No further work
861920	Residential, Vernacular dwelling	Not Eligible (10/1/2014)	Undetermined; No anticipated effects (11/5/2014)	No further work
861919	Residential, Front gable dwelling with additions	Not Eligible (10/1/2014)	Undetermined; No anticipated effects (11/5/2014)	No further work
861918	Farmstead, Upright and wing dwelling with additions	Not Eligible (10/1/2014)	Undetermined; No anticipated effects (11/5/2014)	No further work
861917	Residential, 4-bay wood-frame dwelling	Not Eligible (10/1/2014)	Undetermined; No anticipated effects (11/5/2014)	No further work
861915	Residential, Vernacular dwelling with additions	Not Eligible (10/1/2014)	Undetermined; No anticipated effects (11/5/2014)	No further work
861913	Farmstead, Cape Cod dwelling	Not Eligible (10/1/2014)	Undetermined; No anticipated effects (11/5/2014)	No further work unless reroutes result in changes to impacts
861911	Farm, Queen Anne-style dwelling	Not Eligible (10/1/2014)	Undetermined; No anticipated effects (11/5/2014)	No further work
861910	Farm, Front gable dwelling with cross gable and Queen Anne porch additions	Not Eligible (10/1/2014)	Undetermined; No anticipated effects (11/5/2014)	No further work
861909	Farm, Upright and wing dwelling	Not Eligible (10/1/2014)	Undetermined; No anticipated effects (11/5/2014)	No further work
861908	Farmstead, Italianate-style dwelling	Eligible (3/23/2016)	Eligible; No Adverse Effect (4/12/2016)	No further work unless reroutes result in changes to impacts
861907	Residential, Minimal Traditional dwelling	Not Eligible (10/1/2014)	Undetermined; No anticipated effects (11/5/2014)	No further work

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BHP Key	Resource Description	Transco NRHP Recommendation	PHMC NRHP Determination and Anticipated Effects	Treatment Status
861906	Residential, Minimal Traditional dwelling	Not Eligible (10/1/2014)	Undetermined; No anticipated effects (11/5/2014)	No further work
861905	Residential, Split Level dwelling	Not Eligible (10/1/2014)	Undetermined; No anticipated effects (11/5/2014)	No further work
861902	Residential, Modern Movement dwelling	Not Eligible (10/1/2014)	Undetermined; No anticipated effects (11/5/2014)	No further work
862235	Residential, Cape Cod dwelling	Not Eligible (10/1/2014)	Undetermined; No anticipated effects (12/14/2015)	No further work
861901	Farmstead, Colonial Revival-style dwelling	Not Eligible (10/1/2014)	Undetermined; No anticipated effects (11/5/2014)	No further work
861900	Outbuilding, Barns	Not Eligible (10/1/2014)	Undetermined; No anticipated effects (11/5/2014)	No further work
861899	Residential, Colonial Revival-style dwelling	Not Eligible (10/1/2014)	Undetermined; No anticipated effects (11/5/2014)	No further work
861898	Outbuilding, Barn	Not Eligible (10/1/2014)	Undetermined; No anticipated effects (11/5/2014)	No further work
861897	Residential, Vernacular dwelling	Not Eligible (10/1/2014)	Undetermined; No anticipated effects (11/5/2014)	No further work
861895	Farmstead, Vernacular dwelling with multiple additions	Not Eligible (10/1/2014)	Undetermined; No anticipated effects (11/5/2014)	No further work
862240	Nesbitt Estate Rural Historic District	Eligible (5/11/2016)	Adverse Effect (6/15/2016)	Treatment Plan to be Developed