

*Atlantic Sunrise Project – PA DEP Chapter 105 Joint Permit Application
Transcontinental Gas Pipe Line Company, LLC
Wyoming 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 Wyoming 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 Wyoming 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 Wyoming County was held at Keystone College on June 3, 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 Endless Mountain Heritage Region and the Lake Winola Cottagers Association concerning cultural resources in Wyoming County. The Lake Winola

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Cottagers Association had no comment on the Project. No response to consultation request was received from the Endless Mountain Heritage Region.

Consultation was also initiated with 25 Native American tribal entities that may have cultural resources concerns within Wyoming 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 Wyoming County was focused on the 22.5 miles of proposed CPL-North alignment. The field survey investigated a 300-foot-wide study corridor on CPL-North through Wyoming County, in addition to full survey coverage of ancillary work areas, which resulted in the examination of 10,232 SL within 908.13 acres in Wyoming County. The field survey recorded 1,831 SL as occurring on steep slopes, 595 SL as wet (in either a waterbody or wetland), 974 SL within agricultural fields displaying sufficient ground surface visibility to meet PHMC guidelines, and 1,180 SL were determined to have been subjected to modern ground disturbance (most commonly underground pipeline utilities). The field crew also visually inspected 100 SL in residential properties. The visual inspection was supplemented by the hand excavation of 5,552 shovel tests. These investigations resulted in the identification of 21 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 Wyoming County resulted in the identification of 52 historic-era aboveground resources located within the viewshed of the Project, as indicated in **Table D-3** below. Ten additional aboveground resources were identified on potential work areas subsequently removed from the Project land requirements, and are therefore believed to be no longer situated within the Project APE for aboveground resources.

The geomorphological survey conducted field investigations on landforms associated with the CPL North crossings of the Susquehanna River, South Branch of Tunkhannock Creek, and Tunkhannock Creek in 2014, 2015, and 2016. This initial testing identified the potential for deeply buried cultural deposits on the west bank of the Susquehanna River and the north bank of Tunkhannock Creek. Deep testing of the north bank of Tunkhannock Creek was completed in 2015, and the results were submitted with the supplemental November 2015 report. No investigations were warranted for this site, and an Impact Minimization Plan was approved by the PHMC. Backhoe trenching was conducted on the west bank of the Susquehanna River in spring of 2016, the results of which are located within the supplemental August 2016 report. The PHMC concurred with the August 2016 report submittal, and no further deep-test investigations are therefore warranted on the west bank of the Susquehanna River crossing.

Cultural Resources Identified: The Phase I archaeological field reconnaissance of the CPL-North study corridor in Wyoming County resulted in the identification of 21 archaeological resources. Seventeen of these resources have been recommended as Not Eligible for the NRHP. Three sites, 36WO0121, 36WO0108, and 36WO0117, have been considered Potentially Eligible. The PHMC has determined one site, 36WO0115, to be NRHP Eligible. 36WO0115 is a subsurface, multicomponent, prehistoric site situated within a floodplain of Tunkhannock Creek. Deep testing of this site was conducted in 2015, and an Impact Minimization Plan was approved by the PHMC.

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A total of 62 aboveground resources were identified during the Architectural History survey conducted for Project land requirements in Wyoming County; 52 of these resources are currently located within the Project, while an additional 10 resources were identified on parcels subsequently removed from the Project APE (due primarily to changes in the Project alignment). One resource has been previously determined Eligible by PHMC, while one additional resource was considered to be a rural historic district identified by Transco. The Nesbitt Estate Rural Historic District was determined Eligible by the PHMC, and the Project represented an Adverse Effect to contributing rock walls and other stone features, as well as the forest setting. The rural historic district crosses into Luzerne County as well, and so is counted as a resource for both Wyoming and Luzerne counties. Transco recommended one additional resource as Eligible for the NRHP, and PHMC review concluded that the resource was Eligible and would also present an Adverse Effect to the contributing rock walls. PHMC also determined that 31 of the 52 resources were Not Eligible. No anticipated effects were determined for the remaining 18 resources as a result of the Project.

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

Resource ID	Description	PHMC DOE Determination	Treatment Status
36WO0121	Multi-component Subsurface Scatter	Potentially Eligible (3/1/2016)	Avoidance
36WO/017	Prehistoric Isolated Find	No DOE, Not Evaluated, No Further Work (3/1/2016)	No Further Work
36WO0109	Historic Surface/Subsurface Scatter	Not Eligible (11/18/2014)	No Further Work
36WO/010	Prehistoric Isolated Find	Not Evaluated, No Further Work (7/8/2014)	No Further Work
36WO0105	Multi-component Scatter	Not Eligible (10/9/2014)	No Further Work
36WO0106	Historic Surface/Subsurface Scatter	Not Eligible (10/9/2014)	No Further Work
36WO0110	Historic Subsurface Scatter	Not Eligible (11/18/2014)	No Further Work
36WO0107	Historic Surface Scatter	Not Eligible (10/9/2014)	No Further Work
36WO0111	Historic Surface/Subsurface Scatter	Not Eligible (11/18/2014)	No Further Work
36WO0112	Historic Subsurface Scatter	Not Eligible (9/21/2015)	No Further Work
36WO/012	Prehistoric Isolated Find	Not Evaluated, No Further Work (10/9/2014)	No Further Work

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Resource ID	Description	PHMC DOE Determination	Treatment Status
36WO0108	Multi-component Subsurface Scatter	Potentially Eligible (10/9/2014)	Avoidance
36WO0115	Multi-component Subsurface Scatter	Eligible (11/24/2015)	Impact Minimization Plan Approved by PHMC (7/14/2016)
36WO/013	Prehistoric Isolated Find	Not Evaluated, No Further Work (9/21/2015)	No Further Work
36WO/014	Prehistoric Isolated Find	Not Evaluated, No Further Work (11/18/2014)	No Further Work
36WO0117	Prehistoric Subsurface Scatter	Not Eligible, No Further Work (3/1/2016)	No Further Work
36WO0118	Prehistoric Subsurface Scatter	Potentially Eligible (3/1/2016)	Impact Minimization Plan Approved by PHMC (12/18/2015)
36WO0119	Prehistoric Subsurface Scatter	Not Eligible, No Further Work (3/1/2016)	No Further Work
36WO0120	Prehistoric Subsurface Scatter	Not Eligible, No Further Work (3/1/2016)	No Further Work
36WO0123	Multi-component Subsurface Scatter	Not Eligible, No Further Work (3/1/2016)	No Further Work
36WO/019	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 Wyoming County**

BHP Key	Resource Description	Transco NRHP Recommendation	PHMC NRHP Determination and Anticipated Effects	Treatment Status
862240	Nesbitt Estate Rural Historic District	Eligible (5/11/2016)	Eligible; Adverse Effect (6/15/2016)	Treatment Plan to be Developed
861893	Farmstead, Historic barns	Not Eligible (9/25/2014)	Not Eligible (10/27/2014)	No further work
861892	Residential, 5-bay dwelling constructed in two phases	Not Eligible (9/25/2014)	Not Eligible (10/27/2014)	No further work

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BHP Key	Resource Description	Transco NRHP Recommendation	PHMC NRHP Determination and Anticipated Effects	Treatment Status
862249	Farm, 5-bay Greek Revival with rear addition	Not Eligible (5/3/2016)	Undetermined; No anticipated effects (5/24/2016)	No further work unless reroutes result in changes to impacts
861891	Residential, 3-bay vernacular wood-frame dwelling	Not Eligible (9/25/2014)	Not Eligible (10/27/2014)	No further work
861890	Residential, Ranch dwelling	Not Eligible (9/25/2014)	Not Eligible (10/27/2014)	No further work
861889	Residential, Ranch dwelling	Not Eligible (9/25/2014)	Not Eligible (10/27/2014)	No further work
861888	Residential, Front gable dwelling with rear additions	Not Eligible (9/25/2014)	Not Eligible (10/27/2014)	No further work
861887	Farm, Bungalow dwelling	Not Eligible (9/25/2014)	Undetermined; No anticipated effects (10/27/2014)	No further work
862224	Residential, Ranch dwelling with substantial alterations	Not Eligible (5/1/2015)	Undetermined; No anticipated effects (5/27/2015)	No further work
861886	Residential, Ranch dwelling	Not Eligible (9/25/2014)	Not Eligible (10/27/2014)	No further work
861884	Residential, Dutch Colonial Revival-style dwelling	Not Eligible (9/25/2014)	Not Eligible (10/27/2014)	No further work
861882	Outbuilding, Barn	Not Eligible (9/25/2014)	Undetermined; No anticipated effects (10/27/2014)	No further work
861881	Farmstead, Upright and wing dwelling with Colonial Revival details	Not Eligible (9/25/2014)	Undetermined; No anticipated effects (10/27/2014)	No further work
861880	Residential, 4-bay wood-frame dwelling with multiple additions	Not Eligible (9/25/2014)	Not Eligible (10/27/2014)	No further work
861878	Residential, 4-bay Georgian style dwelling	Not Eligible (9/25/2014)	Not Eligible (10/27/2014)	No further work
861877	Farm, Front gable dwelling	Not Eligible (9/25/2014)	Undetermined; No anticipated effects (10/27/2014)	No further work
861876	Farmstead, historic outbuildings	Not Eligible (9/25/2014)	Not Eligible (10/27/2014)	No further work

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BHP Key	Resource Description	Transco NRHP Recommendation	PHMC NRHP Determination and Anticipated Effects	Treatment Status
861873	Farmstead, 3-bay wood-frame dwelling with Colonial Revival details	Not Eligible (9/25/2014)	Undetermined; No anticipated effects (10/27/2014)	No further work
861872	Farmstead, Greek Revival-style dwelling	Not Eligible (9/25/2014)	Not Eligible (10/27/2014)	No further work
861871	Residential, Ranch dwelling	Not Eligible (9/25/2014)	Not Eligible (10/27/2014)	No further work
861870	Residential, Ranch dwelling	Not Eligible (9/25/2014)	Not Eligible (10/27/2014)	No further work
861868	Residential, 3-bay vernacular wood-frame dwelling	Not Eligible (9/25/2014)	Not Eligible (10/27/2014)	No further work
861866	Residential, Historic outbuilding	Not Eligible (9/25/2014)	Not Eligible (10/27/2014)	No further work
861865	Farm, Vernacular dwelling with additions	Not Eligible (9/25/2014)	Undetermined; No anticipated effects (10/27/2014)	No further work
861864	Farm, Ranch dwelling	Not Eligible (9/25/2014)	Undetermined; No anticipated effects (10/27/2014)	No further work
861863	Farmstead, Upright and wing dwelling	Not Eligible (9/25/2014)	Undetermined; No anticipated effects (10/27/2014)	No further work due to the barn no longer being extant
861862	Residential, 4-bay Colonial Revival-style dwelling	Not Eligible (9/25/2014)	Not Eligible (10/27/2014)	No further work
861861	Residential, Bungalow	Not Eligible (9/25/2014)	Not Eligible (10/27/2014)	No further work
861860	Residential, Front gable dwelling	Not Eligible (9/25/2014)	Not Eligible (10/27/2014)	No further work
861859	Farmstead, Vernacular dwelling with alterations	Not Eligible (9/25/2014)	Undetermined; No anticipated effects (10/27/2014)	No further work
861858	Residential, 3-bay wood-frame dwelling with Queen Anne porch details	Not Eligible (9/25/2014)	Not Eligible (10/27/2014)	No further work
861857	Farm, Colonial Revival-style dwelling	Not Eligible (9/25/2014)	Undetermined; No anticipated effects (10/27/2014)	No further work

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BHP Key	Resource Description	Transco NRHP Recommendation	PHMC NRHP Determination and Anticipated Effects	Treatment Status
861855	Farm, Front gable dwelling	Not Eligible (9/25/2014)	Undetermined; No anticipated effects (10/27/2014)	No further work
861854	Farm, 4-bay wood-frame dwelling with Colonial Revival porch	Not Eligible (9/25/2014)	Undetermined; No anticipated effects (10/27/2014)	No further work
861853	Residential, Front gable dwelling with rear additions	Not Eligible (9/25/2014)	Not Eligible (10/27/2014)	No further work
861852	Farmstead, Front gable dwelling	Not Eligible (9/25/2014)	Not Eligible (10/27/2014)	No further work
097170	Structure, Railroad Tunnel (Nicholson Tunnel)	Eligible	Eligible; No Adverse Effect (8/23/2016)	No further work
861851	Residential, , Dutch Colonial Revival-style dwelling	Not Eligible (9/25/2014)	Not Eligible (10/27/2014)	No further work
861850	Residential, Upright and wing dwelling	Not Eligible (9/25/2014)	Not Eligible (10/27/2014)	No further work
861849	Residential, 4-bay dwelling with a front gable addition	Not Eligible (9/25/2014)	Not Eligible (10/27/2014)	No further work
861848	Residential, Vernacular dwelling with multiple additions	Not Eligible (9/25/2014)	Not Eligible (10/27/2014)	No further work
861847	Residential, 2-bay dwelling with multiple additions	Not Eligible (9/25/2014)	Not Eligible (10/27/2014)	No further work
861846	Farmstead, Italianate-style dwelling	Not Eligible (9/25/2014)	Undetermined; No anticipated effects (10/27/2014)	No further work
861845	Residential, Vernacular dwelling with alterations and additions	Not Eligible (9/25/2014)	Not Eligible (10/27/2014)	No further work
861844	Farm, Front gable dwelling with a wing addition	Not Eligible (9/25/2014)	Undetermined; No anticipated effects (10/27/2014)	No further work
861843	Farmstead, 3- bay wood-frame dwelling with additions	Not Eligible (9/25/2014)	Not Eligible (10/27/2014)	No further work

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BHP Key	Resource Description	Transco NRHP Recommendation	PHMC NRHP Determination and Anticipated Effects	Treatment Status
862236	Farm, 4-bay dwelling with alterations. Dry stone walls on property	Eligible (5/20/2016)	Eligible; Adverse Effect (6/17/2016)	Treatment Plan to be Developed
861842	Farm, Dwelling with Greek Revival details	Not Eligible (9/25/2014)	Undetermined; No anticipated effects (10/27/2014)	No further work
861841	Residential, Vernacular dwelling with additions	Not Eligible (9/25/2014)	Not Eligible (10/27/2014)	No further work
861840	Farm, 4-bay dwelling with a front gable addition	Not Eligible (9/25/2014)	Undetermined; No anticipated effects (10/27/2014)	No further work
861839	Quarry, Historic 5-bay dwelling	Not Eligible (9/25/2014)	Not Eligible (10/27/2014)	No further work