

**ATLANTIC COAST PIPELINE, LLC  
ATLANTIC COAST PIPELINE**

**and**

**DOMINION ENERGY TRANSMISSION, INC.  
SUPPLY HEADER PROJECT**

**Supplemental Filing  
August 4, 2017**

**APPENDIX C**

**Correspondence for the Atlantic Coast Pipeline**

## APPENDIX C

## Supplemental Summary of Public Agency Correspondence for the Atlantic Coast Pipeline

Agency/Contact Name(s)	Date of Correspondence	Format	Description
<b>MULTIPLE AGENCIES</b>			
<b>U.S. Fish and Wildlife Service – North Carolina Field Office, North Carolina Wildlife Resources Commission</b>			
John Ellis, Gabriela Garrison	8/3/17	Letter	Transmittal of Aquatics Survey Report for North Carolina.
<b>FEDERAL AGENCIES</b>			
<b>U.S. Fish and Wildlife Service – West Virginia Field Office</b>			
Liz Stout	8/3/17	Letter	Transmittal of Mussel Survey Report for West Virginia.
<b>U.S. Fish and Wildlife Service – Virginia Field Office</b>			
Troy Anderson	8/3/17	Letter	Transmittal of Roanoke Logperch Habitat Assessment Report for Virginia.
Troy Anderson	8/3/17	Letter	Transmittal of Mussel Survey Report for Virginia.
<b>U.S. Forest Service</b>			
Clyde Thompson	8/4/17	Letter	Transmittal of the update to the Biological Evaluation.
<b>STATE/Commonwealth Agencies Virginia Agencies</b>			
<b>Virginia Department of Historic Resources</b>			
Roger Kirchen	6/30/17	Letter	Comments on the Phase I Historic Architectural Survey Addendum 5 Report.
Roger Kirchen	7/30/17	Letter	Comments on the Phase I Historic Architectural Survey Addendum 2 Revised Report.
Roger Kirchen	7/31/17	Letter	Comments on the Phase I Historic Architectural Survey Addendum 6 Report.
Roger Kirchen	8/1/17	Letter	Comments on the Phase I Historic Architectural Survey Addendum 4 Revised Report.
Roger Kirchen	8/1/17	Letter	Comments on the Phase I Historic Architectural Survey Addendum 5 Revised Report.
<b>NORTH CAROLINA AGENCIES</b>			
<b>North Carolina Department of Natural and Cultural Resources</b>			
Ramona Bartos	7/7/17	Letter	Comments on the Phase II Archaeological Site Testing Report for Sites 31CD2112, 31CD3120, 31CD2124, 31HX307, 31JT487, 31JT491, and 31WL351.
<b>FEDERALLY RECOGNIZED INDIAN TRIBES</b>			
<b>Delaware Tribe</b>			
Brice Obermeyer	8/3/17	Letter	Transmittal of archaeological reports.
<b>Eastern Band of Cherokee Indians</b>			
Russell Townsend	8/3/17	Letter	Transmittal of archaeological reports.
<b>Pamunkey Tribe</b>			
Robert Gray	8/3/17	Letter	Transmittal of cultural resources reports.

## **Multiple Agencies**

**U.S. Fish and Wildlife Service – North Carolina Field Office, North Carolina Wildlife  
Resources Commission**

Dominion Energy Services, Inc.  
5000 Dominion Boulevard,  
Glen Allen, VA 23060



August 3, 2017

**BY E-MAIL**

John Ellis  
U.S. Fish and Wildlife Service  
Raleigh Ecological Services Field Office  
P.O. Box 33726  
Raleigh, NC 27636

Gabriela Garrison  
North Carolina Wildlife Resources Commission  
Sandhills Depot, P.O. Box 149  
Hoffman, NC 28347

**Re: Dominion Energy Transmission, Inc., Atlantic Coast Pipeline  
Submission of Rare, Threatened, and Endangered Aquatic Species Studies for the Proposed  
Atlantic Coast Pipeline in North Carolina**

Dear Mr. Ellis and Ms. Garrison:

Atlantic Coast Pipeline, LLC (Atlantic) is pleased to provide the Rare, Threatened, and Endangered Aquatic Species Survey Report for the Proposed Atlantic Coast Pipeline in North Carolina (attached). This report describes the scope, methods, and results of surveys performed by the Atlantic Coast Pipeline (ACP) Project to determine presence and suitable habitat for mussels and certain aquatic species in waterbodies crossed by the ACP in North Carolina.

In a letter dated November 21, 2014, the North Carolina Wildlife Resources Commission (NCWRC) identified the federally endangered dwarf wedgemussel (*Alasmidonta heterodon*) and Tar River spiny mussel (*Elliptio steinstansana*) as known to occur in two river basins (Tar and Neuse) crossed by the Project. Additionally, official comments received from the U.S. Fish and Wildlife Service Raleigh Field Office (USFWS) on March 25, 2015 identified crossings where both federal mussel species were known to occur as well as watersheds with potential habitat. This correspondence also indicated the need to conduct habitat assessments for three species petitioned to be listed as federally threatened or endangered, the Carolina madtom (*Noturus furiosus*), the Neuse River waterdog (*Necturus lewisi*), and the Chowanoke crayfish (*Orconectes virginianensis*.) In addition to these three species, in a letter dated April 10, 2015 the NCWRC requested surveys for the North Carolina spiny crayfish (*Orconectes carolinensis*), a Species of Special Concern.

A detailed GIS desktop analysis of all waterbodies crossed by the Project was completed to identify freshwater mussel and aquatic species concerns along the proposed route and assess their potential to support these species using watershed size, upstream drainage area, flow regime (i.e., ephemeral, intermittent, or perennial) and existing available mussel and aquatic species data. Assessments and surveys have occurred this season to date at 16 waterbody crossings in North Carolina.

Atlantic is requesting your review and concurrence of the attached aquatic species report for portions of the Project in North Carolina, which describes the habitat assessment and survey results that occurred between 2015 and 2017 for freshwater mussels, Carolina madtom, Neuse River waterdog, Chowanoke crayfish, and North Carolina spiny crayfish.

### **Project and Company Background**

Atlantic is a company formed by four major U.S. energy companies – Dominion Energy, Inc., Duke Energy Corporation, Piedmont Natural Gas Co., Inc., and Southern Company Gas. Atlantic will own and operate the proposed ACP, an approximately 600-mile-long, interstate natural gas transmission pipeline system designed to meet growing energy needs in Virginia and North Carolina. The ACP will deliver up to 1.5 million cubic feet per day (bcf/d) of natural gas to be used to generate electricity, heat homes, and run local businesses. The underground pipeline project will facilitate cleaner air, increase reliability and security of natural gas supplies, and provide a significant economic boost in Virginia and North Carolina. For more information about the ACP, visit the company's website at [www.dom.com/acpipeline](http://www.dom.com/acpipeline). Atlantic has contracted with Dominion Energy Transmission, Inc. (DETI), a subsidiary of Dominion Energy, to permit, build, and operate the ACP on behalf of Atlantic.

We look forward to continued coordination with you on this project. Please contact Mr. Richard B. Gangle at (804) 273-3019 or [Richard.B.Gangle@dominionenergy.com](mailto:Richard.B.Gangle@dominionenergy.com), if there are questions regarding this report. Please direct written responses to:

Richard B. Gangle  
Dominion Resources Services, Inc.  
5000 Dominion Boulevard  
Glen Allen, Virginia 23060

Sincerely,



*FOR*  
Robert M. Bisha  
Technical Advisor, Atlantic Coast Pipeline

Cc: Richard B. Gangle, Dominion Energy Services, Inc.  
Sarah McRae, U.S. Fish and Wildlife Service  
Judith Ratcliffe, North Carolina Department of Environmental and Natural Resources  
Tyler Black, North Carolina Wildlife Resources Commission  
Vann Stancil, North Carolina Wildlife Resources Commission  
Allison Weakley, North Carolina Natural Heritage Program

### Attachments:

Rare, Threatened, and Endangered Aquatic Species Studies for the Proposed Atlantic Coast Pipeline in North Carolina

## **Federal Agencies**

**U.S. Fish and Wildlife Service – West Virginia Field Office**



Dominion Energy Services, Inc.  
5000 Dominion Boulevard,  
Glen Allen, VA 23060



August 3, 2017

**BY EMAIL**

Ms. Liz Stout  
U.S. Fish and Wildlife Service  
West Virginia Ecological Services Field Office  
694 Beverly Pike  
Elkins, WV 26241

**Re: Freshwater Mussel (Unionidae) Surveys in French Creek and Buckhannon River in Upshur County, West Virginia for the Proposed Atlantic Coast Pipeline**

Dear Ms. Stout,

Atlantic Coast Pipeline, LLC (Atlantic) is a company formed by four major U.S. energy companies – Dominion Energy, Inc., Duke Energy Corporation, Piedmont Natural Gas Co., Inc., and Southern Company Gas. Atlantic was created to develop, own, and operate the proposed Atlantic Coast Pipeline (ACP), an approximately 600-mile-long, interstate natural gas transmission pipeline system designed to meet growing energy needs in Virginia and North Carolina. For more information about the ACP, visit the company's website at <http://atlanticcoastpipeline.com>. Atlantic has contracted with Dominion Energy Transmission, Inc. (DETI), a subsidiary of Dominion Energy, to permit, build, and operate the ACP on behalf of Atlantic.

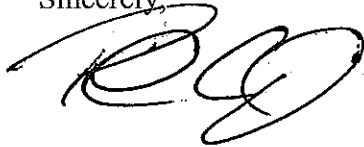
Atlantic has been conducting field routing, environment/ biological, cultural resources, and civil surveys along the proposed pipeline route to collect information needed by the Federal Energy Regulatory Commission (FERC) and other regulatory and land managing agencies to review and permit the ACP. To comply with West Virginia Division of Natural Resources (WVDNR) guidelines to ensure freshwater mussels (Unionidae) are not impacted by Project construction, pursuant to West Virginia §20-2-4 and CSR 58-60-5.11 (including nine federally listed species protected by the Endangered Species Act: 87 Stat. 884, as amended; 16 U.S.C. 1531 et seq.), Environmental Solutions & Innovations, Inc (ESI-2) was contracted on behalf of Atlantic to ensure freshwater mussels are not impacted by Project construction. Studies were carried out under ESI's West Virginia Scientific Collecting Permit 2016.034.

On 26 and 27 May 2017, ESI-2 completed mussel surveys for Upshur county route revisions at two mussel streams previously surveyed during 2015. The survey at French Creek yielded a single weathered dead flutedshell (*Lasmigona costata*) and Buckhannon River reroute surveys yielded no live mussels or deadshell, see attached for full report.

We appreciate your review and concurrence on the attached report and look forward to continuing to work with you on the ACP. Please contact Richard B. Gangle at (804) 273-2814 or Richard.B.Gangle@dominionenergy.com, if there are questions regarding this report. Please direct written responses to:

Richard B. Gangle  
Dominion Energy Services, Inc.  
5000 Dominion Boulevard  
Glen Allen, Virginia 23060

Sincerely,

A handwritten signature in black ink, appearing to read 'R. Gangle', written over a horizontal line.

Richard Gangle  
Manager, Atlantic Coast Pipeline

Attachment: Freshwater Mussel (Unionidae) Surveys in French Creek and Buckhannon River in Upshur County, West Virginia for the Proposed Atlantic Coast Pipeline

cc: Richard Gangle, Dominion Energy Services  
Cliff Brown, West Virginia Department of Natural Resources  
Craig Stihler, West Virginia Department of Natural Resources  
Kent Karriker, Monongahela National Forest  
Jennifer Adams, George Washington National Forest

**U.S. Fish and Wildlife Service – Virginia Field Office**

Dominion Energy Services, Inc.  
5000 Dominion Boulevard,  
Glen Allen, VA 23060



August 3, 2017

**BY OVERNIGHT (OR EXPRESS) MAIL**

Troy Andersen  
U.S. Fish and Wildlife Service  
Virginia Ecological Services Field Office  
6669 Short Lane  
Gloucester, VA 23061

**Re: Habitat Assessments Conducted for Roanoke Logperch (*Percina Rex*) along the Proposed Atlantic Coast Pipeline in Virginia**

Dear Mr. Andersen:

Atlantic Coast Pipeline, LLC (Atlantic) is pleased to provide the Roanoke Logperch Survey Report for the proposed Atlantic Coast Pipeline (ACP) Project in Virginia (attached). This report describes the survey scope, methods for surveys, and the results of the survey that the ACP Project implemented to identify potentially suitable habitat for the Roanoke Logperch.

The U.S. Fish and Wildlife Service Virginia Field Office (USFWS), in a letter dated January 23, 2015, indicated potential habitat for federally endangered Roanoke logperch in perennial streams of the Nottoway watershed in Greensville, Brunswick, Dinwiddie, Nottoway, and Southampton Counties and identified Butterwood Creek, Great Branch, and Sturgeon Creek as upstream tributaries of known occurrences that may contain suitable habitat. The USFWS also indicated species occurrence in the Nottoway River and Waqua Creek and specified that surveys are not necessary in streams where the logperch has been previously documented. Therefore, species presence was assumed in those locations.

In addition, a letter dated February 19, 2015 from the Virginia Department of Game and Inland Fisheries (VDGIF) also indicated potential habitat for federally endangered Roanoke logperch in the tributaries of Butterwood Creek (Dinwiddie County), Nottoway River (Dinwiddie County), and Waqua Creek (Brunswick County).

Atlantic is requesting your review and concurrence of the attached Virginia Roanoke Logperch Survey Report for portions of the project in Virginia. This survey report describes the cumulative Roanoke logperch habitat assessments and survey results performed between 2015 and 2017 along the proposed ACP pipeline project in Virginia.

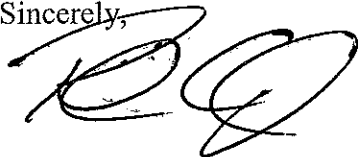
## Project and Company Background

Atlantic Coast Pipeline, LLC (Atlantic) is a company formed by four major U.S. energy companies – Dominion Energy, Inc., Duke Energy Corporation, Piedmont Natural Gas Co., Inc., and Southern Company Gas. Atlantic was created to develop, own, and operate the proposed ACP, an approximately 600-mile-long, interstate natural gas transmission pipeline system designed to meet growing energy needs in Virginia and North Carolina. The ACP will deliver 1.5 million dekatherms per day (MMDt/d) of natural gas to be used to generate electricity, heat homes, and run local businesses. The underground pipeline project will facilitate cleaner air, increase reliability and security of natural gas supplies, and provide a significant economic boost in Virginia and North Carolina. For more information about the ACP, visit the company's website at <https://atlanticcoastpipeline.com>.

Dominion looks forward to coordinating with you on this Project. Please contact Richard Gangle at (804) 273-3019 or [Richard.Gangle@dominionenergy.com](mailto:Richard.Gangle@dominionenergy.com), if there are questions regarding this survey report. Please direct written responses to:

Richard Gangle  
Dominion Energy Services, Inc.  
5000 Dominion Boulevard  
Glen Allen, Virginia 23060

Sincerely,



Richard Gangle  
Manager, Atlantic Coast Pipeline

cc: Richard Gangle, Dominion Energy Services, Inc.  
Amy Ewing, VDGIF  
Mike Pinder, VDGIF

### Attachments:

Habitat Assessments Conducted for Roanoke Logperch (*Percina Rex*) along the Proposed Atlantic Coast Pipeline in Virginia



Dominion Energy Services, Inc.  
5000 Dominion Boulevard,  
Glen Allen, VA 23060



August 3, 2017

**BY OVERNIGHT (OR EXPRESS) MAIL**

Mr. Troy Andersen  
U.S. Fish and Wildlife Service  
Virginia Ecological Services Field Office  
6669 Short Lane  
Gloucester, VA 23061

**Re: Dominion Transmission, Inc., Atlantic Coast Pipeline  
Submittal of the 2017 Freshwater Mussel (Unionidae) Site Assessments and Surveys  
for the Proposed Atlantic Coast Pipeline in Virginia**

Dear Mr. Andersen:

Atlantic Coast Pipeline, LLC (Atlantic) is pleased to provide the Freshwater Mussel (Unionidae) Site Assessments and Surveys Report for the Proposed Atlantic Coast Pipeline Project in Virginia (attached). This report describes the survey scope, methods for surveys, and the results of the surveys that the ACP Project implemented to identify suitable habitat and presence of freshwater mussels in 2017.

The U.S. Fish and Wildlife Service Gloucester Field Office (USFWS), in a letter dated January 23, 2015, identified the federally endangered dwarf wedgemussel (*Alasmidonta heterodon*) and James spiny mussel (*Pleurobema collina*) as known to occur within watersheds crossed by the Project. In addition, official comments received from the Virginia Department of Game and Inland Fisheries (VDGIF) on February 19, 2015 identified the state-threatened green floater (*Lasmigona subviridis*) and Atlantic pigtoe (*Fusconaia masoni*).

A detailed GIS desktop analysis of all waterbodies crossed by the Project was completed to identify freshwater mussel concerns along the proposed route and assess their potential to support Unionid mussels, using watershed size, upstream drainage area, flow regime (i.e., ephemeral, intermittent, or perennial) and existing available mussel data. Additional assessments and surveys for federally listed mussels have occurred this season to date at 21 waterbody crossings in Virginia.

**Project and Company Background**

Atlantic Coast Pipeline, LLC (Atlantic) is a company formed by four major U.S. energy companies – Dominion Energy, Inc., Duke Energy Corporation, Piedmont Natural Gas Co., Inc., and Southern Company Gas. Atlantic was created to develop, own, and operate the proposed ACP, an approximately 600-mile-long, interstate natural gas transmission pipeline system designed to meet growing energy needs in Virginia and North Carolina. The ACP will deliver


1.5 million dekatherms per day (MMDt/d) of natural gas to be used to generate electricity, heat homes, and run local businesses. The underground pipeline project will facilitate cleaner air, increase reliability and security of natural gas supplies, and provide a significant economic boost in Virginia and North Carolina. For more information about the ACP, visit the company's website at [www.dom.com/acpipeline](http://www.dom.com/acpipeline). Atlantic has contracted with Dominion Energy Transmission, Inc. (DETI), a subsidiary of Dominion Energy, Inc., to permit, build, and operate the ACP on behalf of Atlantic.

DETI is requesting your review and concurrence for the attached Virginia Freshwater Mussel Survey Report for portions of the Project in Virginia, which describes the 2017 habitat assessment and survey results for federally protected mussels along the proposed ACP pipeline project in Virginia.

We look forward to coordinating with you on this Project. Please contact Mr. Richard Gangle at (804) 273-3019 or [Richard.Gangle@dominionenergy.com](mailto:Richard.Gangle@dominionenergy.com) if there are questions regarding this survey report. Please direct written responses to:

Richard B. Gangle  
Dominion Energy Services, Inc.  
5000 Dominion Boulevard  
Glen Allen, Virginia 23060

Sincerely,



Richard Gangle  
Manager, Atlantic Coast Pipeline

Cc: Amy Ewing, VDGIF  
Brian Watson, VDGIF  
Jennifer Adams, U.S. Forest Service

Attachments:

2017 Freshwater Mussel (Unionidae) Site Assessments and Surveys for the Proposed Atlantic Coast Pipeline in Virginia

**U.S. Forest Service**





August 4, 2017

**BY OVERNIGHT (OR EXPRESS) MAIL**

Mr. Clyde Thompson  
Forest Supervisor  
U.S. Forest Service  
Monongahela National Forest  
200 Sycamore Street  
Elkins, WV 26241

**Re: Dominion Energy Transmission, Inc., Atlantic Coast Pipeline:  
Submittal of Atlantic Coast Pipeline Biological Evaluation –  
Monongahela and George Washington National Forests**

Dear Mr. Thompson,

Atlantic Coast Pipeline, LLC (Atlantic) is a company formed by four major U.S. energy companies – Dominion Energy Inc., Duke Energy, Piedmont Natural Gas, and Southern Company Gas. The company was created to develop, own, and operate the proposed Atlantic Coast Pipeline (ACP), an approximately 600-mile-long, interstate natural gas transmission pipeline system designed to meet growing energy needs in Virginia and North Carolina. For more information about the ACP, visit the company's website at [www.dom.com/acpipeline](http://www.dom.com/acpipeline). Atlantic has contracted with Dominion Energy Transmission, Inc. (DETI), a subsidiary of Dominion E, Inc., to permit, build, and operate the ACP on behalf of Atlantic.

As you are aware, a portion of the ACP crosses U.S. Forest Service lands within the Monongahela National Forest (MNF) in West Virginia and the George Washington National Forest (GWNF) in Virginia. Atlantic has been conducting field routing and environmental/biological surveys and analyses along the proposed ACP route, including within the MNF and GWNF, to collect information needed by the Federal Energy Regulatory Commission (FERC), U.S. Forest Service (FS), and other regulatory and land managing agencies to review and permit the ACP.

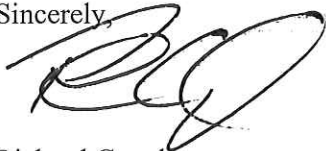
Atlantic prepared the enclosed Biological Evaluation (BE) to assess impacts and identify conservation measures for avoiding or minimizing impacts on FS sensitive species. The BE addresses comments provided by FS staff in a letter dated April 24, 2017 on the Draft BE, which Atlantic provided to the FS on March 11, 2017. This document also incorporates the results of additional field work and analyses conducted in the 2017 survey season. As requested by the FS, Atlantic has updated the Soil Erosion and Sediment Modeling report incorporating comments received from the FS and included it as Appendix H of the attached BE. The report assesses the potential for increased erosion and transport of sediments into nearby streams during construction activities.

Mr. Clyde Thompson  
August 4, 2017  
Page 2 of 2

Atlantic would appreciate your review of the enclosed BE and look forward to continuing to work with you on the ACP. Please contact Richard B. Gangle at (804) 273-2814 or Richard.B.Gangle@dominionenergy.com, if there are questions regarding this report. Please direct written responses to:

Richard B. Gangle  
Dominion Energy Services, Inc.  
5000 Dominion Boulevard  
Glen Allen, Virginia 23060

Sincerely,



Richard Gangle  
Manager, Atlantic Coast Pipeline

cc: Jennifer Adams, U.S. Forest Service  
Troy Morris, U.S. Forest Service  
Kent Karriker, U.S. Forest Service

Attachments: Privileged Version of the Atlantic Coast Pipeline –Biological Evaluation for the Monongahela National Forest and George Washington National Forest  
**(CONTAINS PRIVILEGED INFORMATION – DO NOT RELEASE)**

## **State/Commonwealth Agencies**

## Virginia Agencies

**Virginia Department of Historic Resources**



# COMMONWEALTH of VIRGINIA

Molly Joseph Ward  
Secretary of Natural Resources

**Department of Historic Resources**  
2801 Kensington Avenue, Richmond, Virginia 23221

Julie V. Langan  
Director

Tel: (804) 367-2323  
Fax: (804) 367-2391  
[www.dhr.virginia.gov](http://www.dhr.virginia.gov)

June 30, 2017

Mr. Richard B. Gangle  
Dominion Resources Services, Inc.  
5000 Dominion Boulevard  
Glen Allen, Virginia 23060

Re: *Phase I Historic Architectural Survey of the Atlantic Coast Pipeline Project, Virginia Addendum 5 Report*  
(March 2017)  
DHR File No. 2014-0710

Dear Mr. Gangle:

We have received for review the revised addendum report referenced above prepared by ERM. The report documents 37 architectural properties fifty years old or older identified within the Atlantic Coast Pipeline project's Area of Potential Effects (APE) along the 308.1-mile long Virginia corridor. Of these 37 properties, six were previously unrecorded due to inaccessibility or association with newly planned project access roads and facilities, 12 were previously identified and resurveyed for the current undertaking, and 19 had been initially documented as part of this project but additional information was requested on them from DHR. It is ERM's recommendation that four of the architectural properties are eligible for listing in the National Register of Historic Places (NRHP; including the Dismal Swamp Canal [DHR ID #131-0035], which is already listed), nine were not accessible and, therefore, assumed NRHP-eligible for Section 106 purposes, and 20 do not warrant NRHP eligibility status. In addition, four were found to be no longer extant.

The DHR concurs with the consultant's recommendation that DHR ID #007-0272, 007-0442, and 062-5119-0113 are eligible for listing in the NRHP, with 062-5119-0113 being both individually eligible and eligible as a contributing property to the South Rockfish Rural Historic District (DHR ID #062-5119). Additionally, we agree that the Dismal Swamp Canal should remain listed in the NRHP. We also agree with ERM that the following properties inaccessible during the survey fieldwork should be considered NRHP eligible for Section 106 purposes until access is granted and they can be shown not to merit NRHP status: DHR ID #007-5542, 014-5066, 014-5074, 026-5222, 087-5610, 087-5618, 133-5482, 133-5492, and 133-5498.

The DHR concurs with ERM's recommendation that the following architectural properties do not warrant listing in the NRHP: DHR ID #007-0397, 007-1163, 007-5556, 007-5557, 007-5584, 007-5587, 007-5741, 007-5743, 008-5068, 008-5069, 012-5017, 012-5188, 012-5190, 012-5191, 014-5065, 014-5088, 045-5090, 067-0110, 087-5613, and 133-5481. The following properties are no longer extant and by definition not eligible for listing in the NRHP: DHR ID #007-0003, 007-0119, 007-0459, and 131-5382.

Western Region Office  
962 Kime Lane  
Salem, VA 24153  
Tel: (540) 387-5443  
Fax: (540) 387-5446

Northern Region Office  
5357 Main Street  
PO Box 519  
Stephens City, VA 22655  
Tel: (540) 868-7029  
Fax: (540) 868-7033

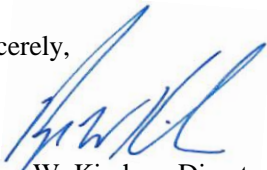
Eastern Region Office  
2801 Kensington Avenue  
Richmond, VA 23221  
Tel: (804) 367-2323  
Fax: (804) 367-2391

While reviewing the survey report and associated Virginia Cultural Resources Inventory System (VCRIS) forms several inconsistencies, inaccuracies, and omissions were noticed. These are listed below:

- 007-0272: The VCRIS form gives the construction date as 1850 while Table 1 in the report has no date
- 007-0397: The VCRIS form gives the construction date as c.1850 while Table 1 in the report gives c.1860
- 007-5557: The VCRIS form gives the construction date as c.1950 while Table 1 in the report gives c.1920
- 007-5587: The VCRIS form gives the construction date as 1988 while Table 1 in the report has no date
- 007-5741: The VCRIS form gives the construction date as pre-1967 while Table 1 in the report gives 1974
- 008-5068: The VCRIS form gives the construction date as 1955 while Table 1 in the report states “modern house”
- 012-5191: The VCRIS form gives the construction date as c.1970 while Table 1 in the report gives c.1960
- 014-5065: The VCRIS form gives the construction date as c.1900 while Table 1 in the report gives c.1880
- 014-5066: The VCRIS form gives the construction date as c.1900 while Table 1 in the report states “unknown”
- 014-5074: The VCRIS form gives the construction date as pre-1964 while Table 1 in the report gives c.1950
- 045-5090: The VCRIS form describes the property as “House” while Table 1 of the report describes it as “agricultural buildings”
- 087-5613: The VCRIS form gives the construction date as c.1900 while Table 1 in the report gives c.1910
- 087-5618: The VCRIS form gives the construction date as c.1964 while Table 1 in the report states “unknown”
- 133-5481: The VCRIS form gives the construction date as 1920 while Table 1 in the report gives c.1900
- 133-5482: The VCRIS form gives the construction date as c.1950 while Table 1 in the report states “unknown”
- 133-5498: The VCRIS form gives the construction date as pre-1919 while Table 1 in the report gives c.1920
- The South Rockfish Rural Historic District (DHR ID #062-5119) is listed in the NRHP; however, it is not identified specifically in the report except for 062-5119-0113 being a contributing resource within it.
- The VCRIS forms for 007-5542 and 007-5556 have the same photographs attached to them depicting the same buildings.

Please ensure that these discrepancies are corrected and that one comb-bound archival copy and one digital copy on CD of the revised report are provided to DHR. If you have any questions about these comments, please do not hesitate to contact me at [roger.kirchen@dhr.virginia.gov](mailto:roger.kirchen@dhr.virginia.gov).

Sincerely,



Roger W. Kirchen, Director  
Review and Compliance Division

Western Region Office  
962 Kime Lane  
Salem, VA 24153  
Tel: (540) 387-5443  
Fax: (540) 387-5446

Northern Region Office  
5357 Main Street  
PO Box 519  
Stephens City, VA 22655  
Tel: (540) 868-7029  
Fax: (540) 868-7033

Eastern Region Office  
2801 Kensington Avenue  
Richmond, VA 23221  
Tel: (804) 367-2323  
Fax: (804) 367-2391



# COMMONWEALTH of VIRGINIA

Molly Joseph Ward  
Secretary of Natural Resources

**Department of Historic Resources**  
2801 Kensington Avenue, Richmond, Virginia 23221

Julie V. Langan  
Director

Tel: (804) 367-2323  
Fax: (804) 367-2391  
[www.dhr.virginia.gov](http://www.dhr.virginia.gov)

July 30, 2017

Mr. Richard B. Gangle  
Dominion Resources Services, Inc.  
5000 Dominion Boulevard  
Glen Allen, Virginia 23060

*Re: Phase I Historic Architectural Survey of the Atlantic Coast Pipeline Project, Virginia Addendum 2*  
(rev. June 2017)  
DHR File No. 2014-0710

Dear Mr. Gangle:

We have received for review the re-revised addendum report referenced above prepared by Dovetail Cultural Resource Group and ERM. The revised document was prepared to address our May 26, 2017 comments. By this letter, we confirm that all outstanding comments by our agency have been addressed.

If you have any questions about our review of this document, please do not hesitate to contact me at [roger.kirchen@dhr.virginia.gov](mailto:roger.kirchen@dhr.virginia.gov).

Sincerely,

A handwritten signature in blue ink, appearing to read "Roger W. Kirchen".

Roger W. Kirchen, Director  
Review and Compliance Division

Western Region Office  
962 Kime Lane  
Salem, VA 24153  
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# COMMONWEALTH of VIRGINIA

Molly Joseph Ward  
Secretary of Natural Resources

**Department of Historic Resources**  
2801 Kensington Avenue, Richmond, Virginia 23221

Julie V. Langan  
Director

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Fax: (804) 367-2391  
[www.dhr.virginia.gov](http://www.dhr.virginia.gov)

July 31, 2017

Mr. Richard B. Gangle  
Dominion Resources Services, Inc.  
5000 Dominion Boulevard  
Glen Allen, Virginia 23060

Re: *Phase I Historic Architectural Survey of the Atlantic Coast Pipeline Project, Virginia Addendum 6 Report (May 2017)*  
DHR File No. 2014-0710

Dear Mr. Gangle:

We have received for review and comment the report referenced above and the associated Virginia Cultural Resources Inventory System (VCRIS) survey forms. The document and survey forms record a total of five (5) architectural properties fifty years old or older within the Area of Potential Effects (APE) for the Buckingham Compressor Station. Two (2) of the inventoried properties, DHR ID #**014-5068** and **014-5070**, were documented previously and recommended *not eligible* for listing in the National Register of Historic Places (NRHP). The DHR concurred with this recommendation in 2016 and now reiterate our earlier determination that these two properties are not worthy of NRHP listing.

The consultant identified and newly recorded three (3) architectural properties within the designated APE. These properties are DHR ID #014-5089, 014-5090, and 014-5091. DHR agrees with ERM's recommendation that **014-5089** and **014-5090** are *not eligible* for listing in the NRHP, and that **014-5091** was not accessible to the surveyor so should be considered *potentially eligible* until further study is possible. It should be noted, however, that the report gives 014-5091 construction date as 1941, while the VCRIS form for the resource does not specify a date of construction. Please ensure that the VCRIS form for 014-5091 is revised to reflect this date.

Thank you for the opportunity to review this document. If you have any questions about these comments, please do not hesitate to contact me at [roger.kirchen@dhr.virginia.gov](mailto:roger.kirchen@dhr.virginia.gov).

Sincerely,

A handwritten signature in blue ink, appearing to read "Roger W. Kirchen".

Roger W. Kirchen, Director  
Review and Compliance Division

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Salem, VA 24153  
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# COMMONWEALTH of VIRGINIA

Molly Joseph Ward  
Secretary of Natural Resources

**Department of Historic Resources**  
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Director

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[www.dhr.virginia.gov](http://www.dhr.virginia.gov)

August 1, 2017

Mr. Richard B. Gangle  
Dominion Resources Services, Inc.  
5000 Dominion Boulevard  
Glen Allen, Virginia 23060

Re: *Phase I Historic Architectural Survey of the Atlantic Coast Pipeline Project, Virginia Addendum 4 Report*  
(Revised; July 2017)  
DHR File No. 2014-0710

Dear Mr. Gangle:

We have received for review the re-revised addendum report referenced above prepared by ERM. The revised document was prepared to address our June 14, 2017. By this letter, we confirm that all outstanding comments by our agency have been addressed.

If you have any questions about our review of this document, please do not hesitate to contact me at [roger.kirchen@dhr.virginia.gov](mailto:roger.kirchen@dhr.virginia.gov).

Sincerely,

A handwritten signature in blue ink, appearing to read "R. Kirchen".

Roger W. Kirchen, Director  
Review and Compliance Division

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Salem, VA 24153  
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# COMMONWEALTH of VIRGINIA

Molly Joseph Ward  
Secretary of Natural Resources

**Department of Historic Resources**  
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Julie V. Langan  
Director

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August 1, 2017

Mr. Richard B. Gangle  
Dominion Resources Services, Inc.  
5000 Dominion Boulevard  
Glen Allen, Virginia 23060

Re: *Phase I Historic Architectural Survey of the Atlantic Coast Pipeline Project, Virginia Addendum 5 Report (July 2017)*  
DHR File No. 2014-0710

Dear Mr. Gangle:

We have received for review the revised addendum report referenced above prepared by ERM. The revised document was prepared to address our June 30, 2017 comments. By this letter, we confirm that all outstanding comments by our agency have been addressed.

If you have any questions about our review of this document, please do not hesitate to contact me at [roger.kirchen@dhr.virginia.gov](mailto:roger.kirchen@dhr.virginia.gov).

Sincerely,

A handwritten signature in blue ink, appearing to read "Roger W. Kirchen".

Roger W. Kirchen, Director  
Review and Compliance Division

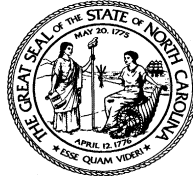
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## **North Carolina Agencies**

**North Carolina Department of Natural and Cultural Resources**



**North Carolina Department of Natural and Cultural Resources**  
**State Historic Preservation Office**

Ramona M. Bartos, Administrator

Governor Roy Cooper  
Secretary Susi H. Hamilton

Office of Archives and History  
Deputy Secretary Kevin Cherry

July 7, 2017

Richard Gangle  
Dominion Resources Services, Inc.  
5000 Dominion Boulevard  
Glen Allen, VA 23060

[Richard.B.Gangle@dom.com](mailto:Richard.B.Gangle@dom.com)

Re: Phase II investigations, sites 31CD2112, 31CD3120, 31CD2124, 31HX307, 31JT487, 31JT491, and 31WL351; Atlantic Coast Pipeline Project, Multi County, ER 14-1475

Dear Mr. Gangle:

We have received Robert M. Bisha's letter of May 10, 2017, forwarding copies of the above-referenced report by Environmental Resource Management (ERM) and would like to comment.

During the investigations, seven sites were revisited and tested to evaluate their eligibility for listing in the National Register of Historic Places (NRHP).

The following properties are determined not eligible for listing in the NRHP: 31CD2112, 31CD2120, 31HX307, and 31JT487. They lack integrity and have no further information value. William Stanyard of ERM has recommended that no further archaeological investigation is needed to allow work to proceed in these areas. We concur with this recommendation since the proposed corridor will not affect significant resources in these areas.

Mr. Stanyard evaluated the portion of 31CD2124 within the project corridor as not eligible for the NRHP. That area of the site outside the corridor was considered likely to have significant deposits and was recommended eligible for the NRHP, presumably under Criterion D, though this was not expressly stated. After careful consideration of the documentation presented for 31CD2124, we do not feel sufficient information was gathered at the Phase II level of investigation for us to concur with this assessment. Rather, we consider the portion of 31CD2124 outside the project corridor as unassessed as to its eligibility.

We agree that work may proceed within the portion of 31CD2124 in the corridor. The site area outside the corridor should be avoided. ERM suggested an avoidance plan for this purpose. The plan would include fencing the construction limits to ensure no ground disturbing activities occur outside the authorized construction area. Please provide a copy of this plan when it is available. If that area of 31CD2124 cannot be avoided, we recommend additional investigation to complete its assessment in terms of the NRHP.

That portion of 31JT491 within the project corridor has been evaluated as not eligible for the NRHP by ERM, with project work recommended to proceed. Further investigation of the portion outside the corridor is recommended should avoidance of area be impossible. We recommend no further investigation at 31JT491 in toto, believing that sufficient testing was done at the site to demonstrate that it is not eligible for the NRHP.

The seventh discussed site, 31WL351, was investigated via shovel tests, test units, and eight trenches, their locations concentrated in the southern portion of the site, outside the tree line, presumably because test units placed within the tree line yielded fewer artifacts. Prehistoric artifact density was low, with most artifacts originating from the plowzone or surface. The site did yield two features. Feature 1 is prehistoric, associated with a pre-ceramic period, though it yielded no diagnostics to focus its time period. Feature 2 is likely an historic period well. Its age and association is unknown, but it is not considered significant.

Though ERM notes that vertical distribution of diagnostics indicates that contextual integrity of the cultural deposits has been compromised by plowing and bioturbation, they consider 31WL351 eligible for the NRHP. Its significance is tied to its Late Archaic occupation, with Feature 1 possibly relating to this period. They recommend avoidance or investigation.

Recognizing the thorough level of investigations conducted during Phase II at 31WL351 and looking at the site in sum, we believe it is not eligible for the National Register of Historic Places. We recommend no further archaeological investigations be conducted at 31WL351. Work may proceed in its area.

Enclosed please find a list of editorial comments and selected edits.

The above comments are made pursuant to Section 106 of the National Historic Preservation Act and the Advisory Council on Historic Preservation's Regulations for Compliance with Section 106 codified at 36 CFR Part 800.

Thank you for your cooperation and consideration. If you have questions concerning the above comment, contact Renee Gledhill-Earley, environmental review coordinator, at 919-807-6579 or [environmental.review@ncdcr.gov](mailto:environmental.review@ncdcr.gov). In all future communication concerning this project, please cite the above referenced tracking number.

Sincerely,



for Ramona M. Bartos

Enclosure

cc: Bill Stanyard, Natural Resource Group, [bill.stanyard@nrg-llc.com](mailto:bill.stanyard@nrg-llc.com)

## Edits

- On Page 128 in the caption of Figure 7-24, change Feature 4 to Feature 1
- On Page 132, 7/25 positive shovel tests are noted; only 5 are apparent on Figure 8-3
- Page 189, c/977.7 percent/97.7 percent
- The label for TU9 is missing from Figure 11-3 on Page 228
- Page 245, third paragraph, c/in in Trench 7/in Trench 7



## **Federally Recognized Indian Tribes**

## **Delaware Tribe**



August 3, 2017

**BY OVERNIGHT (OR EXPRESS) MAIL**

Brice Obermeyer  
Tribal Historic Preservation Office  
Delaware Tribe  
Roosevelt Hall, Rm 212  
1 Kellogg Drive  
Emporia, KS 66801

**RE: Section 106 Review  
Atlantic Coast Pipeline, LLC, Atlantic Coast Pipeline Project  
Dominion Transmission, Inc., Supply Header Project**

Dear Mr. Obermeyer:

Atlantic Coast Pipeline, LLC (ACP) and Dominion Energy Transmission, Inc. (Dominion Energy) are pleased to provide you with the enclosed archaeological reports for the Atlantic Coast Pipeline (ACP) and Supply Header Project (SHP) (collectively, the Projects) per your request to Peggy Boden on behalf of the Federal Energy Regulatory Commission (FERC) in June 2016. Reports of previously completed archaeological investigations were sent to you on August 10, 2016, and February 9, 2017. The enclosed reports document the results of additional archaeological investigations completed through May 31, 2017 in West Virginia and Pennsylvania.

If you have any questions regarding the enclosed reports, please contact Richard B. Gangle at (804) 273-2814 or [Richard.B.Gangle@dom.com](mailto:Richard.B.Gangle@dom.com), or by letter at:

Richard B. Gangle  
Dominion Energy Services, Inc.  
5000 Dominion Boulevard  
Glen Allen, Virginia 23060

Respectfully submitted,

A handwritten signature in black ink, appearing to be "R. Gangle", written over a faint circular stamp.

Richard Gangle  
Manager, Atlantic Coast Pipeline and Supply Header Projects

Enclosures: Archaeological Reports and Plans for West Virginia and Pennsylvania  
(DVD)

## **Eastern Band of Cherokee Indians**

Dominion Energy Services, Inc.  
5000 Dominion Boulevard  
Glen Allen, VA 23060  
DominionEnergy.com



August 3, 2017

**BY OVERNIGHT (OR EXPRESS) MAIL**

Eastern Band of Cherokee Indians  
Russell Townsend, THPO  
88 Council Loop Road  
Cherokee, NC 28719

**RE: Section 106 Review  
Atlantic Coast Pipeline, LLC, Atlantic Coast Pipeline Project  
Dominion Transmission, Inc., Supply Header Project**

Dear Mr. Townsend:

Atlantic Coast Pipeline, LLC (Atlantic) and Dominion Energy Transmission, Inc. (Dominion Energy) are pleased to provide you with the enclosed archaeological reports for the Atlantic Coast Pipeline (ACP) and Supply Header Project (SHP) (collectively, the Projects) per your request to Peggy Boden on behalf of the Federal Energy Regulatory Commission (FERC) in June 2016. Reports of previously completed archaeological investigations were sent to you on October 5, 2016 and February 9, 2017. The enclosed reports document the results of additional archaeological investigations completed through May 31, 2017 in West Virginia, Virginia, and North Carolina.

If you have any questions regarding the enclosed reports, please contact Richard B. Gangle at (804) 273-2814 or [Richard.B.Gangle@dom.com](mailto:Richard.B.Gangle@dom.com), or by letter at:

Richard B. Gangle  
Dominion Energy Services, Inc.  
5000 Dominion Boulevard  
Glen Allen, Virginia 23060

Respectfully submitted,

A handwritten signature in black ink, appearing to be "R. Gangle", written over a circular scribble.

Richard Gangle  
Manager, Atlantic Coast Pipeline and Supply Header Projects

Enclosures: Archaeological Reports and Plans for West Virginia, Virginia, and North Carolina (DVD)

## **Pamunkey Tribe**

Dominion Energy Services, Inc.  
5000 Dominion Boulevard  
Glen Allen, VA 23060  
DominionEnergy.com



August 3, 2017

**BY OVERNIGHT (OR EXPRESS) MAIL**

Pamunkey Tribe  
Robert Gray, Chief  
191 Lay Landing Road  
King William, VA 23086

**RE: Section 106 Review  
Atlantic Coast Pipeline, LLC, Atlantic Coast Pipeline Project  
Virginia**

Dear Chief Gray:

Atlantic Coast Pipeline, LLC (Atlantic) is pleased to provide you with the enclosed cultural resource reports for the Atlantic Coast Pipeline (ACP) in Virginia. Reports of previously completed cultural resources investigations were sent to you on May 12, 2017. The enclosed reports document the results of additional investigations completed through May 31, 2017 in Virginia.

If you have any questions regarding the enclosed reports, please contact Richard B. Gangle at (804) 273-2814 or [Richard.B.Gangle@dom.com](mailto:Richard.B.Gangle@dom.com), or by letter at:

Richard B. Gangle  
Dominion Energy Services, Inc.  
5000 Dominion Boulevard  
Glen Allen, Virginia 23060

Respectfully submitted,

A handwritten signature in black ink, appearing to read "R. Gangle", written over a horizontal line.

Richard Gangle  
Manager, Atlantic Coast Pipeline and Supply Header Projects

Enclosures: Cultural Resources Reports and Plans for Virginia (DVD)