

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

**and**

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

**Supplemental Filing  
September 22, 2017**

**APPENDIX C**

**Public Agency Correspondence for the Atlantic Coast Pipeline**

APPENDIX C

Summary of Public Agency Correspondence for the Atlantic Coast Pipeline

Agency/Contact Name(s)	Date of Correspondence	Format	Description
<b>FEDERAL AGENCIES</b>			
<b>U.S. Fish and Wildlife Service</b>			
Sumalee Hoskins	8/21/17	Emails	Confirmation of no plant occurrences of swamp pink, shale barren rock cress, and northeastern bulrush.
<b>U.S. Forest Service</b>			
Gavin Hale	7/11/17	Email	Concurrence of Phase I Report in the MNF and request for WVSHPO review.
<b>STATE/COMMONWEALTH AGENCIES</b>			
<b>WEST VIRGINIA AGENCIES</b>			
<b>West Virginia Division of Culture and History</b>			
Susan Pierce	8/9/17	Letter	Responses to Phase I Report in the MNF.
Susan Pierce	8/25/17	Letter	Comments on Historic Cemetery Protective Treatment Plan.
Susan Pierce	9/1/17	Letter	Responses to Phase I Historic Architectural Survey Addendum 5 and West Virginia Assessment of Effects.
<b>VIRGINIA AGENCIES</b>			
<b>Virginia Department of Game and Inland Fisheries</b>			
Amy Ewing	9/8/17	Letter	Waterbody Time of Year Restriction Waiver Request in VA.
Amy Ewing	9/22/17	Letter	Transmittal of Fish Relocation Plan
<b>Virginia Department of Historic Resources</b>			
Roger Kirchen	8/30/17	Letter	Responses to Phase I Archaeological Survey Addendum 6.
Roger Kirchen	9/11/17	Letter	Responses to Phase I Architectural Survey, VA Assessment of Effects Report.
<b>Virginia Department of Conservation and Recreation</b>			
Wil Orndorff	8/28/17	Email	Comments on Burnsville Cove Conservation Site.
Lynn Crump	9/18/17	Letter	Scenic byway crossings.
<b>NORTH CAROLINA AGENCIES</b>			
<b>North Carolina Department of Natural and Cultural Resources</b>			
Ramona Bartos	9/11/17	Letter	Responses to Phase II Investigations.
<b>North Carolina Department of Transportation</b>			
Connie Morgan	9/6/17	Letter	Responses to Scenic Byway Crossings in NC.
<b>North Carolina Wildlife Resources Commission</b>			
Gabriela Garrison	9/22/17	Letter	Transmittal of Freshwater Mussel Relocation Protocol
Gabriela Garrison, Vann Stancil	9/22/17	Letter	Transmittal of Revised Fish and Other Aquatic Taxa Collection and Relocation Protocol for Instream Activities

## **Federal Agencies**

## **U.S. Fish and Wildlife Service**

## Jaclyn Martin

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**From:** Maggie Voth  
**Sent:** Monday, August 21, 2017 1:19 PM  
**To:** Sara Thronsdon  
**Subject:** RE: Virginia plant survey questions

Hi Sumalee,

I got your follow-up voicemail, and I can confirm that that no populations were found and that surveys on the current Project route are complete for Swamp pink, shale barren rock cress, and northeastern bulrush. The surveyors also confirmed that no shale barrens were found during project surveys.

We did have findings for the Virginia sneezeweed in 2015, but Lyndhurst Conservation Site and the occurrence found there is now avoided by the project. Surveys for this species are complete with no additional findings.

**Maggie Voth**

### Environmental Resources Management (ERM)

T 612.347.7869 | M 651.764.0445

E [maggie.voth@erm.com](mailto:maggie.voth@erm.com) | W [www.erm.com](http://www.erm.com)

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**From:** Maggie Voth  
**Sent:** Thursday, August 17, 2017 1:20 PM  
**To:** 'Hoskin, Sumalee'; [troy\\_andersen@fws.gov](mailto:troy_andersen@fws.gov); DeBerry, Doug  
**Cc:** Sara Thronsdon; Dramby, Kristoffer ([KDramby@VHB.com](mailto:KDramby@VHB.com)); 'Spencer Trichell'; 'paul\_phiifer@fws.gov'  
**Subject:** Virginia plant survey questions

Hi Sumalee,

Our botanist in Virginia, Doug DeBerry, passed along your voicemail. We've conferred with him, and wanted to pass along the response to make sure it's in our records.

VHB surveyed for the northeastern bulrush throughout GWNF and within the VDCR's recommended survey areas for species with similar habitat requirements (i.e., depressional or seasonal ponds), such as Virginia sneezeweed and valley doll's daisy. USFWS did not provide specific recommended survey areas for northeastern bulrush, though the 2015 technical assistance letter mentioned potential habitat in Highland and Augusta Counties. The VDCR did not provide a recommended survey area or GIS layer specific to northeastern bulrush, but did provide shapefiles for the Virginia sneezeweed and valley doll's daisy survey areas in 2015 as well as requests for the survey of additional conservation sites with potential for those species in 2015 and 2016. Surveys for northeastern bulrush within these areas of the Project are complete.

VHB also confirmed that surveys for shale barren rock cress are complete.

Please let us know if we can help answer any other questions.

Thanks,  
Maggie

**Maggie Voth**

Project Scientist

## **U.S. Forest Service**

## Jonathan Glenn

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**From:** Hale, Gavin -FS <ghale@fs.fed.us>  
**Sent:** Tuesday, July 11, 2017 5:05 PM  
**To:** 'Lora.A.Lamarre@wv.gov'; 'susan.m.pierce@wv.gov'  
**Cc:** Adams, Jennifer - FS; Ferone, Troy J -FS; Karriker, Kent S -FS; Jonathan Glenn; peter.rocco@galileoaz.com; Richard B Gangle (Services - 6)  
**Subject:** MNF Letter for ACP Phase I Archaeology, Addendum 1 Report  
**Attachments:** MNF SHPO letter Addendum1 Signed.pdf; 2017\_06\_15 - ACP-MNF - Phase I Archaeology, Addendum 1, REPORT.pdf; ARPA\_Amendment\_#1\_MNF\_20170405.cpg; ARPA\_Amendment\_#1\_MNF\_20170405.dbf; ARPA\_Amendment\_#1\_MNF\_20170405.prj; ARPA\_Amendment\_#1\_MNF\_20170405.sbn; ARPA\_Amendment\_#1\_MNF\_20170405.sbx; ARPA\_Amendment\_#1\_MNF\_20170405.shp; ARPA\_Amendment\_#1\_MNF\_20170405.shp.xml; ARPA\_Amendment\_#1\_MNF\_20170405.shx

Susan and Lora:

Please find attached a letter requesting your review and comment for the enclosed report *Addendum 1, Phase I Cultural Resources Investigation, Atlantic Coast Pipeline Project* for an additional archaeological investigation of access roads and workspace needed within the Monongahela National Forest that was not included in the previous study area reviewed by your office. We concur with the findings and recommendations disclosed within the addendum report.

Please feel free to contact me with any questions or concerns.

-gavin



**J. Gavin Hale**  
**Heritage Program Manager/Tribal Liaison**

**Forest Service**  
**Monongahela National Forest**

p: 304-636-1800 x245  
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## **State/Commonwealth Agencies**

## **West Virginia Agencies**

**West Virginia Division of Culture and History**



**The Culture Center**  
1900 Kanawha Blvd., E.  
Charleston, WV 25305-0300

**Randall Reid-Smith, Commissioner**

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Fax 304.558.2779 • TDD 304.558.3562

EEO/AA Employer

August 9, 2017

Mr. J. Gavin Hale  
Heritage Program Manager/Tribal Liaison  
Forest Service  
Monongahela National Forest  
200 Sycamore Street  
Elkins, West Virginia 26241

RE: Atlantic Coast Pipeline  
Monongahela National Forest, Pocahontas County, West Virginia  
Forest Service Organic Act Permit No. MAR205002  
FERC Docket No. CP15-554-000  
GAI Project No. C160241.00 Task: 001  
FR: 15-171-MULTI-28

Dear Mr. Hale:

We have reviewed the report titled *Addendum 1, Atlantic Coast Pipeline Project, Phase I Cultural Resources Investigation of Additional Access Roads and Workspace, Monongahela National Forest, Pocahontas County, West Virginia*, which was submitted for the above referenced project to determine potential effects to cultural resources. As required by Section 106 of the National Historic Preservation Act, as amended, and its implementing regulations, 36 CFR 800: "Protection of Historic Properties," we submit our comments.

According to the submitted information, amendments were made to the proposed project within the Monongahela National Forest (Forest) subsequent to the completion of our review of the initial cultural resource investigations in 2016. The amendments include an adjustment to Access Road #1026 Buzzard Ridge Road, the addition of one access road and the addition of one pipeline workspace. The direct Area of Potential Effect (APE) is defined as the area where possible ground disturbance might occur. It incorporates a 50-foot corridor along the access roads to allow for flexibility in final road design. Because no above ground components are proposed within the Forest, the indirect APE extends no farther than any cultural resources that are located immediately adjacent to the direct APE.

Archaeological Resources:

According to the report, systematic archaeological survey, consisting of pedestrian reconnaissance and shovel probe excavation, was conducted within the addendum APE. Steep slopes and previous disturbance were observed over approximately 43 percent of the APE. A total of 54 shovel probes were excavated within the remainder of the APE with negative results. Because no archaeological resources were identified, we concur that further archaeological investigations are not necessary for the proposed project as currently defined within the Forest. We also concur with your determination that the proposed project will have no effect on archaeological historic properties within the Forest.

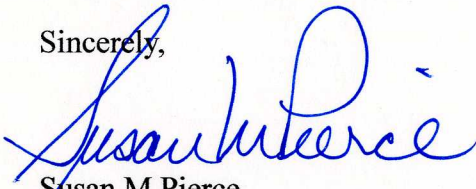
August 9, 2017  
Mr. G. Hale  
FS: MAR205002  
FERC: CP15-554-000  
FR: 15-171-MULTI-28  
Page 2

Architectural Resources:

We have reviewed the submitted Addendum 1 report and concur with the consultant's recommendations that there are no architectural properties located within the revised direct and indirect APEs. No further consultation is necessary regarding architectural resources located within the revised APEs in the Forest; however, we ask that you contact our office if your project should change.

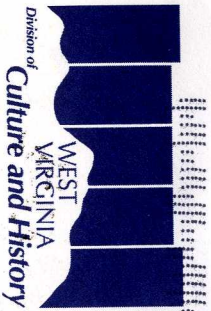
We appreciate the opportunity to be of service. *If you have questions regarding our comments or the Section 106 process, please contact Lora A. Lamarre-DeMott, Senior Archaeologist, or Mitchell K. Schaefer, at (304) 558-0240.*

Sincerely,



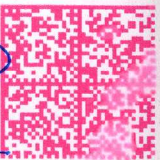
Susan M Pierce  
Deputy State Historic Preservation Officer

SMP/LLD/MKS



The Culture Center  
1900 Kanawha Blvd., E.  
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Mr. J. Gwyn Hale  
Heritage Program Manager  
Tribal Liaison  
Forest Service  
Monongahela National Forest  
200 Sycamore Street  
Elkins, WV 26241



August 25, 2017

**The Culture Center**  
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**Randall Reid-Smith, Commissioner**

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EEO/AA Employer

Mr. Robert Bisha  
Technical Advisor, Atlantic Coast Pipeline  
Dominion Resources Services, Inc.  
5000 Dominion Blvd.  
Glen Allen, Virginia 23060

RE: Atlantic Coast Pipeline  
FERC Docket No. PF15-6-000  
FR: 15-171-MULTI-31

Dear Mr. Bisha:

We have reviewed the draft "Historic Cemetery Protective Treatment Plan," which you submitted for the aforementioned undertaking to determine any potential effects it may have on cultural resources. As required by Section 106 of the National Historic Preservation Act, as amended, and its implementing regulations, 36 CFR 800: "Protection of Historic Properties," we submit our comments.

In a letter dated February 9, 2017 (see FR: 15-171-MULTI-24 and 15-171-MULTI-25), we concurred with your consultant's recommendations that the five (5) cemeteries in question—the unnamed cemetery in Lewis County (46-LE-74), the unnamed cemetery in Pocahontas County (46-PH-779), the Hanifan Cemetery in Randolph County (46-RD-722), the Elbon Cemetery in Upshur County (46-UP-319), and the Simmons Cemetery in Upshur County (46-UP-331)—are *not eligible* for inclusion in the National Register of Historic Places. Nevertheless, we appreciate your willingness to ensure those five cemeteries are not adversely affected by the undertaking. We accept the proposed cemetery protective treatment plan as described in the submitted report. No further consultation is necessary regarding cemetery resources; however, we ask that you contact our office if your project should change.

We appreciate the opportunity to be of service. *If you have questions regarding our comments or the Section 106 process, please contact Mitchell K. Schaefer, Structural Historian, at (304) 558-0240.*

Sincerely,

A handwritten signature in blue ink that reads "Susan M. Pierce".

Susan M Pierce  
Deputy State Historic Preservation Officer

SMP/MKS



September 1, 2017

**The Culture Center**  
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**Randall Reid-Smith, Commissioner**

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EEO/AA Employer

Mr. Robert M. Bisha  
Technical Advisor, Atlantic Coast Pipeline  
Dominion Resources Services, Inc.  
5000 Dominion Blvd.  
Glen Allen, Virginia 23060

RE: Atlantic Coast Pipeline in West Virginia  
Phase I Historic Architectural Survey, Addendum 5  
Phase I Historic Architectural Survey, Assessment of Effects  
FERC Docket No. PF15-6-000  
FR: 15-171-MULTI-29 and 15-171-MULTI-30

Dear Mr. Bisha:

We have reviewed the *draft* reports titled "Phase I Historic Architectural Survey of the Atlantic Coast Pipeline Project, West Virginia Addendum 5" and "Phase I Historic Architectural Survey of the Atlantic Coast Pipeline Project, West Virginia Assessment of Effects," which ERM prepared and you submitted to determine any potential effects the aforementioned undertaking may have on cultural resources. As required by Section 106 of the National Historic Preservation Act, as amended, and its implementing regulations, 36 CFR 800: "Protection of Historic Properties," we submit our comments.

#### Addendum 5 Report

We have reviewed the submitted Addendum 5 report, which evaluated the eligibility of ten (10) above-ground resources, including one (1) cemetery, and provided updates on two (2) other resources. We acknowledge that the properties identified with SHPO site ID numbers LE-0006 and UP-0818 have been demolished or are of recent construction, respectively, and, therefore, do not qualify for inclusion in the National Register of Historic Places.

#### Lt. Coyner House (PH-0037-0064)

ERM (consultant) argued this property is eligible for inclusion in the National Register under Criterion A because as a pre-cut house, it is "an example of a technique that was popularized by the expansion of the railroad network in the early twentieth century." However, it is not eligible under Criterion C due to "additions and changes to the dwelling," nor is it eligible under Criterion B. The argument that a property would be considered eligible under Criterion A as an example of a type or method of construction—which technically falls under Criterion C—but wouldn't be considered eligible under Criterion C due to loss of integrity is problematic, which we noted in our letter of April 26, 2017 (FR: 15-171-MULTI-26). Thus, we are unable to concur with the consultant's recommendations. In our opinion, the Lt. Coyner House has lost significant integrity of design, materials, and workmanship, and therefore, does not adequately reflect the pre-fabricated home movement of the early twentieth century. Thus, it is not eligible for inclusion in the National Register of Historic Places.

September 1, 2017

Mr. R. Bisha

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*Coyner Brothers Store (PH-0037-0065)*

ERM argued the Coyner Brothers Store is eligible for inclusion in the National Register under Criterion A because it also operated as a post office and served the community as a social and commercial center. It is also the last remaining store of the early 1900s within that community. Therefore, it is significant at a local level as it reflects the economic growth of the community. We concur with this recommendation and the additional arguments that it is not eligible for inclusion in the National Register under Criteria B or C.

*Two-story Dwelling (PH-0461)*

We concur with ERM's recommendation that this resource is eligible for inclusion in the National Register under Criterion C as an example of folk Victorian architecture of the late nineteenth century. It is not eligible under Criteria A or B as research did not identify any association with events or individuals who influence the broad patterns of our nation's history. We ask that you update the provided Historic Property Inventory (HPI) form to reflect the new statement of significance that was included in the Addendum 5 report.

*Various Dwellings and Barn (PH-0462, PH-0470, PH-0490, and PH-0956)*

We concur with ERM's recommendations that the dwellings identified with SHPO site ID numbers PH-0462, PH-0470, and PH-0490 are *not eligible* primarily because they have experienced a significant loss of integrity over time in the areas of design, materials, and workmanship. Research also did not reveal they have any associations with events or individuals who have influenced the broad patterns of our nation's history. The barn identified with SHPO site ID number PH-0956 does not exhibit high artistic value as the work of a master, nor does it reflect a particular style. Additionally, it has lost significant integrity due to installation of vinyl siding. Its setting has also been compromised by the recent construction of nearby farm buildings including another barn. Thus, we concur that barn is also not eligible for inclusion in the National Register.

*Lorentz Methodist Church and Cemetery (UP-0113 and 46-UP-348)*

We are unable to concur with the consultant's recommendation that the Lorentz Methodist Church and Cemetery are eligible for inclusion in the National Register under Criteria A and B. In our previous letter of April 26, 2017, we noted our opinion that the property's central role within the community does not transcend the standard set forth in Criteria Consideration A. Connections with religious movements are typically not reason enough for a religious property to be listed in the National Register, unless those same movements have some secular component. Furthermore, the connection with Jacob Lorentz does not rise to the association necessary for the property to be considered eligible under Criterion B. Finally, the property, as the report indicates, has lost significant integrity of design, materials, and workmanship, and the structure has remained largely unchanged since it was last evaluated in 2000—when it was deemed not eligible for inclusion in the National Register. Thus, we remain of the opinion that the Lorentz Methodist Church and Cemetery are not eligible for inclusion in the National Register.

*Buckhannon Civil War Area*

We are unable to concur with your recommendations that the cultural landscape identified on our GIS

September 1, 2017

Mr. R. Bisha

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web application as the Buckhannon Civil War Area is not eligible for inclusion in the National Register. Additional research and evaluation of the area would be necessary to make such a determination. For the purpose of this Section 106 review, we ask that this property be treated as potentially eligible and evaluated in a revised Assessment of Effects report.

After reviewing our comments, we request you reconsider the consultant's recommendations of each individual property's eligibility. If after reconsidering your determinations you agree with our opinion, please assess the effects the proposed undertaking will have on those that are eligible. If you do not agree with our assessments, in accordance with 36 CFR 800.4(c)(2) you will need to obtain a formal determination of eligibility from the Secretary of the Interior pursuant to 36 CFR Part 63.

As noted for PH-0461, please make sure *all* HPI forms reflect the revised Addendum 5 report. After making any necessary changes, please forward updated hard and digital copies of those HPI forms to our office.

#### Assessment of Effects Report

We ask that you revise the Assessment of Effects report to reflect our comments above and *all* past correspondence from our office. Some of the assessments therein did not reflect previous consultation regarding those resources' eligibility, which does influence the method by which we evaluate the undertaking's effects on those resources. For example, the report argues the Broad Run Church is eligible under Criteria A and B, and its associated cemetery is eligible under Criteria A and C. In a letter dated December 7, 2016 (FR: 15-171-MULTI-21 and 15-171-MULTI-22), our office concurred that the church is eligible under Criterion B; however, further research would be necessary to determine its and the cemetery's eligibility under Criterion A and Criteria Consideration A. In the Assessment of Effects report ERM recommended eligibility under Criterion A with the argument that "the Broad Run Church was highly influential in West Virginia religious history." However, National Register Bulletin No. 15 *How to Apply the National Register Criteria for Evaluation* specifically states when evaluating religious properties under Criteria Consideration A:

Historic significance for a religious property cannot be established on the merits of a religious doctrine, but rather, for architectural or artistic values or for important historic or cultural forces that the property represents. A religious property's significance under Criterion A, B, C, or D must be judged in purely secular terms. A religious group may, in some cases, be considered a cultural group whose activities are significant in areas broader than religious history.

In our opinion, ERM's argument for Criteria A in the report does not rise to this standard. Other assessments within the report bear similar problems. Thus, the Assessment of Effects report should be revised to reflect all correspondence between our two offices regarding each property's eligibility. To facilitate your revision we can provide your office with copies of all our correspondence regarding the undertaking at your request.

Finally, we ask that the Assessment of Effects report be revised to include photographic simulations indicating what the project areas will look like once completed from the vantage point of all properties

September 1, 2017

Mr. R. Bisha

FR: 15-171-MULTI-29 and 15-171-MULTI-30

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that are deemed eligible for or included in the National Register under Criteria A and B. For those properties that are eligible for inclusion under Criterion C only *and* for which setting is not a contributing aspect of integrity, the report does not need to include simulations. However, if setting is a contributing aspect of integrity, we ask that you do include simulations for those properties.

We will provide additional comments upon receipt of the requested information.

We appreciate the opportunity to be of service. *If you have questions regarding our comments or the Section 106 process, please contact Mitchell K. Schaefer, Structural Historian, at (304) 558-0240.*

Sincerely,



Susan M Pierce

Deputy State Historic Preservation Officer

SMP/MKS

## Virginia Agencies

**Virginia Department of Game and Inland Fisheries**

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



September 8, 2017

**BY E MAIL**

Ms. Amy Ewing  
Virginia Department of Game and Inland Fisheries  
7870 Villa Park Drive  
Henrico, VA 23228  
[Amy.Ewing@dgif.virginia.gov](mailto:Amy.Ewing@dgif.virginia.gov)

**Re: Atlantic Coast Pipeline  
Waterbody Time of Year Restriction Waiver Request in Virginia**

Dear Ms. Ewing:

Atlantic Coast Pipeline, LLC (Atlantic) is pleased to provide the enclosed table detailing the time of year restriction (TOYR) waivers being requested for the listed waterbodies along the proposed Atlantic Coast Pipeline (ACP) Project in Virginia. During construction planning, Atlantic and its contractor identified waterbodies where construction is anticipated to occur during the recommended TOYRs. Atlantic has identified 67 waterbodies where a waiver is required to accommodate the proposed sequence of construction.

As shown in the table, the waiver request is for installation of bridge center supports or tie-in of the pipeline at waterbody crossings. Six of the listed waterbodies require a waiver for both the bridge center support and tie-in installation. Additionally, 6 of the listed waterbodies require a waiver for only the bridge center support installation and 55 of these waterbodies require a waiver only during the tie-in installation. The waterbodies where bridge center support is needed includes only those waterbodies that are wide enough that a single span bridge is not feasible, thus requiring installation of a center support to allow safe passage. Because of the variability in the pace of construction Atlantic has estimated a time window for each proposed crossing, which is listed in columns T and U of the enclosed table as the period for which a waiver is requested.

We appreciate your review and request your concurrence on the enclosed information. Please contact Spencer Trichell at (804) 273-3472 or [Spencer.Trichell@dominionenergy.com](mailto:Spencer.Trichell@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

Ms. Ewing  
September 8, 2017  
Page 2 of 2

Sincerely,

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

Richard B. Gangle  
Environmental Manager, Atlantic Coast Pipeline

Cc: Spencer Trichell, Dominion  
Amy Ewing, Virginia Department of Game and Inland Fisheries  
Rick Reynolds, Virginia Department of Game and Inland Fisheries

Enclosure:  
Waterbody Time of Year Restriction Waiver Request in Virginia Table

**Waterbody Time of Year Restriction Waiver Request in Virginia for the Atlantic Coast Pipeline Project**

State	Spread	County	Project Segment	Federal Land Management	Facilities Crossed	Milepost	Unique ID	Feature Name	Federal Time of Year Restriction (TOYR)	Anadromous Fish TOYR	State Mussels and Fisheries TOYR	Trout/Cold & Sensitive Fisheries TOYR	Waiver Request for Center Support Bridge Installation	Waiver Request for Tie-In Installation
Virginia	4	Highland County	AP-1		Perm ROW, Surv Corr, Temp ROW	91.4	nhd_va_j_00 2	Morris Run				March 15 to June 30	N/A	4/29/2019-5/13/2019
Virginia	4	Highland County	AP-1		Perm ROW, Surv Corr, Temp ROW	91.5	nhd_va_j_00 3	Jackson River			May 15 to July 31	October 1 to March 31 / March 15 to May 15/March 15 to June 30	3/25/2019 - 4/8/2019	4/30/2019-5/14/2019
Virginia	4	Bath County	AP-1		Perm ROW, Surv Corr, Temp ROW	97.8	sbaa015	Cowpasture River	May 15 to July 31		May 15 to July 31	March 15 to June 30	5/15/2019 - 5/29/2019	N/A
Virginia	4	Bath County	AP-1		Perm ROW, Surv Corr, Temp ROW	97.8	sbaa016	UNT to Cowpasture River			May 15 to July 31		5/14/2019 - 5/28/2019	7/5/2019-7/19/2019
Virginia	4	Bath County	AP-1		Perm ROW, Surv Corr, Temp ROW	97.9	nhd_va_n_00 2	UNT to Cowpasture River			May 15 to July 31		N/A	7/6/2019-7/20/2019
Virginia	4	Bath County	AP-1		Perm ROW, Surv Corr, Temp ROW	98.0	nhd_va_n_00 6	UNT to Cowpasture River			May 15 to July 31		N/A	7/6/2019-7/20/2019
Virginia	4	Bath County	AP-1	GWNF	Perm ROW, Surv Corr, Temp ROW	98.3	sbaa005	UNT to Cowpasture River			May 15 to July 31		5/22/2019 - 6/5/2019	7/10/2019-7/24/2019
Virginia	4	Bath County	AP-1	GWNF	Perm ROW, Surv Corr, Temp ROW	98.9	sbaa006	UNT to Cowpasture River			May 15 to July 31		N/A	7/17/2019-7/31/2019
Virginia	4	Bath County	AP-1		Perm ROW, Surv Corr, Temp ROW	99.0	sbaa007	UNT to Cowpasture River			May 15 to July 31		N/A	7/22/2019-8/5/2019
Virginia	4	Bath County	AP-1		Perm ROW, Surv Corr, Temp ROW	100.7	sbaa001	Stuart Run				March 15 to June 30	6/10/2019 - 6/24/2019	N/A
Virginia	4	Bath County	AP-1		Perm ROW, Surv Corr, Temp ROW	103.1	sbar008	Mill Creek			May 15 to July 31		6/29/2019 - 7/13/2019	N/A
Virginia	4A	Bath County	AP-1		Perm ROW, Surv Corr, Temp ROW	103.1	sbar009	UNT to Mill Creek			May 15 to July 31		N/A	5/29/2018-6/12/2018
Virginia	4A	Bath County	AP-1		Perm ROW, Surv Corr, Temp ROW	103.6	sbar006	UNT to Mill Creek			May 15 to July 31		N/A	6/4/2018-6/18/2018
Virginia	4A	Bath County	AP-1		Perm ROW, Surv Corr, Temp ROW	103.8	sbar005	UNT to Mill Creek			May 15 to July 31		N/A	6/6/2018-6/20/2018
Virginia	4A	Bath County	AP-1		Perm ROW, Surv Corr, Temp ROW	103.9	sbar004	UNT to Mill Creek			May 15 to July 31		N/A	6/6/2018-6/20/2018
Virginia	4A	Bath County	AP-1		Perm ROW, Surv Corr, Temp ROW	104.0	sbar003	UNT to Mill Creek			May 15 to July 31		N/A	6/7/2018-6/21/2018

Virginia	4A	Bath County	AP-1		Perm ROW, Surv Corr, Temp ROW	104.1	sbar002	UNT to Mill Creek			May 15 to July 31		N/A	6/8/2018-6/22/2018
Virginia	4A	Bath County	AP-1		Perm ROW, Surv Corr, Temp ROW	104.2	nhd_va_j_01 7	UNT to Mill Creek			May 15 to July 31		N/A	6/9/2018-6/23/2018
Virginia	4A	Bath County	AP-1		Perm ROW, Surv Corr, Temp ROW	104.4	nhd_va_j_01 8	UNT to Mill Creek			May 15 to July 31		N/A	6/11/2018-6/25/2018
Virginia	4A	Bath County	AP-1		Perm ROW, Surv Corr, Temp ROW	104.6	nhd_va_j_01 9	UNT to Mill Creek			May 15 to July 31		N/A	6/13/2018-6/27/2018
Virginia	4A	Bath County	AP-1		Perm ROW, Surv Corr, Temp ROW	104.8	nhd_va_j_02 0	UNT to Mill Creek			May 15 to July 31		N/A	6/13/2018-6/27/2018
Virginia	4A	Bath County	AP-1		Perm ROW, Surv Corr, Temp ROW	104.8	nhd_va_j_02 1	UNT to Mill Creek			May 15 to July 31		N/A	6/13/2018-6/27/2018
Virginia	4A	Bath County	AP-1		Perm ROW, Surv Corr, Temp ROW	105.7	sbar015	UNT to Mill Creek			May 15 to July 31		N/A	6/20/2018-7/04/2018
Virginia	4A	Bath County	AP-1		Perm ROW, Surv Corr, Temp ROW	105.7	sbar016	UNT to Mill Creek			May 15 to July 31		N/A	6/20/2018-7/4/2018
Virginia	4A	Augusta County	AP-1		Perm ROW, Surv Corr, Temp ROW	110.1	sauc127	UNT to Calfpasture River			March 15 to June 30		6/22/2018 - 6/30/2018	N/A
Virginia	4A	Augusta County	AP-1	GWNF	Perm AR, Perm ROW, Surv Corr, Temp ROW	117.1	saau416	Dowell's Draft				October 1 to March 31	N/A	10/1/2018-10/14/2018
Virginia	4A	Augusta County	AP-1	GWNF	Perm ROW, Surv Corr, Temp ROW	117.2	saau418	UNT to Dowell's Draft				October 1 to March 31	N/A	10/1/2018-10/14/2018
Virginia	4A	Augusta County	AP-1	GWNF	Perm AR	117.2	saau418	UNT to Dowell's Draft				October 1 to March 31	N/A	10/1/2018-10/14/2018
Virginia	4A	Augusta County	AP-1	GWNF	Perm ROW, Surv Corr, Temp ROW	117.7	saau419	UNT to East Branch Dowell's Draft				October 1 to March 31	N/A	10/1/2018-10/9/2018
Virginia	4A	Augusta County	AP-1	GWNF	Perm ROW, Surv Corr, Temp ROW	122.5	saau421	UNT to Jennings Branch				October 1 to March 31	N/A	10/1/2018-11/4/2018
Virginia	4A	Augusta County	AP-1	GWNF	Perm ROW, Surv Corr, Temp ROW	122.8	saau422	UNT to Jennings Branch				October 1 to March 31	N/A	10/1/2018-11/5/2018
Virginia	4A	Augusta County	AP-1	GWNF	Perm ROW, Surv Corr, Temp ROW	123.0	saau423	UNT to Jennings Branch				October 1 to March 31	N/A	10/1/2018-11/7/2018
Virginia	5	Augusta County	AP-1		Perm ROW, Surv Corr, Temp ATWS, Temp ROW	153.8	nhd_va_a_00 1	Back Creek			March 15 to June 30		N/A	3/26/2019-4/9/2019
Virginia	6	Nelson County	AP-1		Perm ROW, Surv Corr, Temp ROW	183.3	snep005	UNT to Mayo Creek			April 15 to June 15 and August 15 to Sept 30		N/A	5/23/2018-6/6/2018

Virginia	6	Buckingham County	AP-1		Perm ROW, Surv Corr, Temp ROW	184.9	sbuc111	UNT to James River		March 15 to June 30	May 15 to July 31		N/A	6/14/2018-6/28/2018
Virginia	6	Buckingham County	AP-1		Perm ROW, Surv Corr, Temp ROW	185.0	sbuc110	UNT to James River		March 15 to June 30			N/A	5/25/2018-6/8/2018
Virginia	6	Buckingham County	AP-1		Perm ROW, Surv Corr	185.4	sbup017	UNT to James River		March 15 to June 30			N/A	6/14/2018-6/28/2018
Virginia	6	Prince Edward County	AP-1		Perm ROW, Surv Corr, Temp ROW	221.6	spek004	UNT to Appomattox River			May 15 to July 31		N/A	6/14/2018-7/1/2018
Virginia	6	Prince Edward County	AP-1		Perm ROW, Surv Corr, Temp ROW	221.8	spek006	UNT to Appomattox River			May 15 to July 31		N/A	7/14/2018-7/31/2018
Virginia	6	Prince Edward County	AP-1		Perm ROW, Surv Corr, Temp ROW	222.0	spek007	UNT to Appomattox River			May 15 to July 31		N/A	7/14/2018-7/31/2018
Virginia	6	Prince Edward County	AP-1		Perm ROW, Surv Corr, Temp ROW	222.1	spek008	UNT to Appomattox River			May 15 to July 31		N/A	7/14/2018-7/31/2018
Virginia	7	Dinwiddie County	AP-1		Perm ROW, Surv Corr, Temp ROW	252.7	sdim021	UNT to Butterwood Creek			March 15 to June 30		N/A	6/12/2019-6/26/2019
Virginia	7	Dinwiddie County	AP-1		Perm ROW, Surv Corr, Temp ROW	253.9	ddic001	UNT to Butterwood Creek			March 15 to June 30		N/A	6/12/2019-6/26/2019
Virginia	7	Dinwiddie County	AP-1		Perm ROW, Surv Corr, Temp ROW	254.0	sdic015	UNT to Butterwood Creek			March 15 to June 30		N/A	6/13/2019-6/27/2019
Virginia	7	Dinwiddie County	AP-1		Perm ROW, Surv Corr, Temp ROW	254.3	sdic013	UNT to Butterwood Creek			March 15 to June 30		N/A	6/13/2019-6/27/2019
Virginia	7	Dinwiddie County	AP-1		Perm ROW, Surv Corr, Temp ROW	255.9	sdib001	UNT to Beaver Pond Creek			March 15 to June 30		N/A	6/14/2019-6/28/2019
Virginia	7	Dinwiddie County	AP-1		Perm ROW, Surv Corr, Temp ROW	256.2	sdil001	Beaver Pond Creek			March 15 to June 30		N/A	6/18/2019-6/30/2019
Virginia	7	Dinwiddie County	AP-1		Perm ROW, Surv Corr, Temp ROW	256.5	sdil001	Beaver Pond Creek			March 15 to June 30		N/A	6/18/2019-6/30/2019
Virginia	7	Dinwiddie County	AP-1		Perm ROW, Surv Corr, Temp ROW	256.7	sdio017	UNT to Beaver Pond Creek			March 15 to June 30		N/A	6/20/2019-6/30/2019
Virginia	7	Dinwiddie County	AP-1		Perm ROW, Surv Corr, Temp ROW	256.8	sdio019	UNT to Beaver Pond Creek			March 15 to June 30		N/A	6/20/2019-6/30/2019
Virginia	7	Brunswick County	AP-1		Perm ROW, Surv Corr, Temp ROW	261.5	sbra202	UNT to Nottoway River			May 15 to July 31/March 15 to May 31/August 15 to Oct 15		N/A	6/26/2019-7/10/2019
Virginia	7	Brunswick County	AP-1		Perm ROW, Surv Corr, Temp ROW	267.4	sbr014	Waqua Creek	March 15 to June 30		March 15 to June 30		5/9/2019 - 5/23/2019	N/A

Virginia	7	Brunswick County	AP-1		Perm ROW, Surv Corr, Temp ROW	267.9	sbro011	Big Branch			March 15 to June 30		5/11/2019 - 5/25/2019	N/A
Virginia	7	Brunswick County	AP-1		Perm ROW, Surv Corr	271.6	sbr005i	UNT to Sturgeon Creek			March 15 to June 30 and May 15 to July 31		N/A	7/13/2019-7/27/2019
Virginia	7	Brunswick County	AP-1		Perm ROW, Surv Corr, Temp ROW	271.9	sbr006i	UNT to Sturgeon Creek			March 15 to June 30 and May 15 to July 31		N/A	7/13/2019-7/27/2019
Virginia	7	Brunswick County	AP-1		Perm ROW, Surv Corr, Temp ROW	271.9	sbr008	UNT to Sturgeon Creek			March 15 to June 30 and May 15 to July 31		N/A	7/13/2019-7/27/2019
Virginia	7	Brunswick County	AP-1		Perm ROW, Surv Corr, Temp ROW	272.0	sbr007	Sturgeon Creek	March 15 to June 30		May 15 to July 31 /August 15 to October 15		5/17/2019 - 5/31/2019	7/13/2019-7/27/2019
Virginia	7	Brunswick County	AP-1		Perm ROW, Surv Corr, Temp ROW	272.9	sbro001	UNT to Spring Branch			March 15 to June 30 and May 15 to July 31		N/A	7/16/2019-7/30/2019
Virginia	7	Greenville County	AP-1		Perm ROW, Surv Corr, Temp ROW	285.9	sgra012	UNT to Meherrin River			April 15-June 15 and August 15 to Sept 30 /May 15 to July 31		N/A	8/8/2019-8/22/2019
Virginia	7	Greenville County	AP-1		Perm ROW, Surv Corr, Temp ROW	286.2	sgra014	UNT to Meherrin River			April 15-June 15 and August 15 to Sept 30 /May 15 to July 31		N/A	8/8/2019-8/22/2019
Virginia	7	Greenville County	AP-1		Perm ROW, Surv Corr, Temp ROW	286.8	sgra008	UNT to Meherrin River			May 15 to July 31 /April 15 to June 15 and August 15 to September 30		N/A	8/8/2019-8/22/2019
Virginia	11	Southampton County	AP-1		Perm ROW, Surv Corr, Temp ROW	30.7	wsoa017f	UNT to Nottoway River	March 15 to May 31 and August 15 to October 15; March 15 to June 30	February 15 to June 30	May 15 to July 31 /April 15 to June 15 and August 15 to September 30		6/3/2018 - 6/17/2018	8/15/2018-8/17/2018
Virginia	7	Greenville County	AP-3		Perm ROW, Surv Corr, Temp ROW	287.0	sgra003	UNT to Meherrin River		February 15 to June 30	May 15 to July 31 /April 15 to June 15 and August 15 to September 30		N/A	8/9/2019-8/23/2019

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



September 22, 2017

**BY E-MAIL**

Ms. Amy Ewing  
Virginia Department of Game and Inland Fishers  
7870 Villa Park Drive  
Henrico, VA 23228  
amy.ewing@dgif.virginia.gov

Mr. Troy Andersen  
U.S. Fish and Wildlife Service  
Virginia Ecological Services Field Office  
6669 Short Lane  
Gloucester, VA 23061  
troy\_andersen@fws.gov

**Re: Atlantic Coast Pipeline, LLC, Atlantic Coast Pipeline  
Submittal of the Revised Virginia Fish Relocation Plan**

Dear Ms. Ewing and Mr. Anderson:

Atlantic Coast Pipeline, LLC (Atlantic) is pleased to provide the Revised Virginia Fish Relocation Plan, originally filed on 16 August 2016. This plan outlines the procedures that Atlantic's biologists will follow while conducting water crossing fish relocations during Atlantic Coast Pipeline (ACP) construction in Virginia. It has been updated to incorporate protocol measures for any invasive species observed during these relocation surveys.

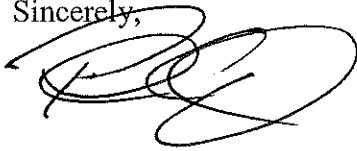
**Project and Company Background**

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 1.4 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.dominionenergy.com/acpipeline](http://www.dominionenergy.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.

DETI is requesting your review and concurrence for the attached Revised Virginia Fish Relocation Plan and looks forward to coordinating with you on this Project. Please contact Mr. Spencer Trichell at (804) 273-3472 or [spencer.trichell@dominionenergy.com](mailto:spencer.trichell@dominionenergy.com) if there are questions regarding this Plan. Please direct written responses to:

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

Sincerely,



Richard B. Gangle  
Environmental Manager, Atlantic Coast Pipeline

Cc: Richard B. Gangle, Dominion Energy Services, Inc.  
Brian Watson, VDGIF  
Jennifer Adams, U.S. Forest Service

Attachments: Revised Virginia Fish Relocation Plan

**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

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August 30, 2017

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

Re: *Phase I Archaeological Survey for the Atlantic Coast Pipeline Project, Virginia Addendum Report 6*  
Highland, Augusta, Nelson, Buckingham, Cumberland, Prince Edward, Nottoway, Dinwiddie,  
Brunswick, and Southampton Counties and Cities of Suffolk and Chesapeake, VA  
DHR File No. 2014-0710

Dear Mr. Gangle:

The Department of Historic Resources (DHR) has received the report referenced above prepared by Environmental Resource Management (ERM). It is our opinion that this report meets DHR's *Survey Guidelines* and other applicable standards. Our comments are provided as assistance to Atlantic Coast Pipeline, LLC and the Federal Energy Regulatory Commission in meeting their collective responsibility under Section 106 of the National Historic Preservation Act.

This study represents the archaeological survey of 3.1 miles of 300' pipeline corridor, 0.5 miles of 50' access road right-of-way (n=4), and one (1) ground bed. The survey identified within the study area three (3) archaeological sites. We concur that the historic cemetery, **44BR0261**, and site **44HD0171** are not eligible for listing in the National Register of Historic Places (NRHP). We understand that site 44BR0261 will be avoided by all project activities. Based on the information provided, we concur that site **44SK0585** is eligible for NRHP listing as a contributing resource to the Suffolk II Battlefield (Siege of Suffolk; DHR ID #133-5039). Site 44SK0585 should be avoided or subjected to data recovery if avoidance is not feasible.

Thank you for the opportunity to review this work. If you have any questions regarding these comments or our review of this project, 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

c. Mr. Bill Stanyard, ERM

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962 Kime Lane  
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# COMMONWEALTH of VIRGINIA

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September 11, 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 Assessment of Effects Report* (July 2017)  
DHR File No. 2014-0710

Dear Mr. Gangle:

The Department of Historic Resources (DHR) has received for our review and comment the report referenced above prepared by ERM for Atlantic Coast Pipeline, Inc. The report evaluates the potential impact of the pipeline on fifty-eight (58) above ground properties previously identified pursuant to Section 106 of the National Historic Preservation Act and determined to be listed in, eligible for, or potentially eligible for listing in the National Register of Historic Places (NRHP). The effects assessment evaluates impacts along the 308.1-mile long corridor which traverses the Virginia jurisdictions of Highland, Bath, Augusta, Nelson, Buckingham, Cumberland, Prince Edward, Nottoway, Dinwiddie, Brunswick, Greenville, and Southampton counties; as well as the independent municipalities of Suffolk and Chesapeake.

The consultant recommends that the Atlantic Coast Pipeline project will not adversely affect any of the fifty-eight (58) historic properties evaluated in the report. Although we agree that many of the properties within the undertaking's Area of Potential Effects (APE) will not be adversely affected, we cannot agree that this is true for all of them. We concur that the Atlantic Coast Pipeline project will not adversely affect the following historic properties:

<b>007-0103</b>	<b>007-5513</b>	<b>014-5062</b>	<b>062-0092</b>	<b>073-5014</b>
<b>007-0272</b>	<b>007-5530</b>	<b>014-5066</b>	<b>062-0117</b>	<b>087-5505</b>
<b>007-0442</b>	<b>007-5542</b>	<b>014-5074</b>	<b>062-0006/ 062-5119-0002</b>	<b>133-0101</b>
<b>007-0447</b>	<b>007-5689</b>	<b>131-5325</b>	<b>062-5119-0113</b>	<b>133-0105</b>
<b>007-0463</b>	<b>045-0120</b>	<b>024-5006</b>	<b>062-5121</b>	<b>133-5039</b>
<b>007-0476</b>	<b>008-0126</b>	<b>026-0007</b>	<b>062-5180</b>	<b>133-5391</b>
<b>007-0487</b>	<b>014-5059</b>	<b>026-5222</b>	<b>004-5013</b>	<b>133-5482</b>
<b>007-0863</b>	<b>014-5060</b>	<b>045-0007</b>	<b>024-0416</b>	<b>133-5492</b>
<b>007-5210</b>				

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The pipeline corridor either avoids these properties altogether and, therefore, will only have a visual impact upon the resource that does not diminish any of its significant character-defining features which make it eligible for listing in the NRHP, or cross into the historic property boundary minimally and in a manner (e.g. through open fields requiring no tree removal) that, again, does not diminish those characteristics which make the property NRHP eligible.

The DHR also agrees that the undertaking will not adversely affect the following properties, but our concurrence requires a certain amount of elaboration:

- **007-0015:** The Folly Farm, constructed in 1818, is listed in the NRHP under Criterion C for its architectural merit and number of agricultural dependencies. Although the pipeline will bisect the property and require the removal of mature trees, thereby altering somewhat the appearance of the existing landscape, the property does not primarily derive its significance from its setting, but from those qualities that define its architectural style (design, workmanship, and materials). These characteristics of integrity will not be affected by the undertaking.
- **008-5053:** This Craftsman-style Bungalow was constructed in c.1930 and is eligible for listing in the NRHP under Criterion C for its architectural merit. Although the pipeline corridor will clip the northeast corner of the historic dwelling's NRHP boundary and require some tree clearing, the altered landscape will not be visible from the primary resource due to distance, topography, and intervening vegetative clearing. As with Folly Farm, the chief characteristics which define 008-5053's significance architecturally will not be impacted by the pipeline construction.
- **131-0035:** DHR believes that the Dismal Swamp Canal Historic District, which is listed in the NRHP, will not be adversely affected by the undertaking as an architectural property. However, because the pipeline will be constructed across the Dismal Swamp Canal in an open cut there is the possibility of impacting archaeological sites associated with it. Additional comments from DHR regarding the effect to the Dismal Swamp Canal Historic District will be addressed in our review of the report for archaeological survey conducted in this vicinity.
- **123-0084:** DHR believes that the Upper Appomattox Canal, which is eligible for listing in the NRHP in the context of Technology/Engineering and Transportation/Communication, will not be adversely affected by the undertaking as an architectural property. However, because the pipeline will be constructed across the Appomattox River in an open cut there is the possibility of impacting archaeological sites associated with the canal. Additional comments from DHR regarding the effect to the Upper Appomattox Canal will be addressed in our review of the report for archaeological survey conducted in this vicinity.
- **091-5098:** DHR believes that the AM&O Railroad/Norfolk & Petersburg Railroad, which is eligible for listing in the NRHP under Criteria A, B, and C, will not be adversely affected by the undertaking as an architectural property. However, because the pipeline will be directionally drilled under the railroad bed there is the possibility of impacting archaeological sites associated with the AM&O Railroad/Norfolk & Petersburg Railroad. Additional comments from DHR regarding the effect to the AM&O Railroad/Norfolk & Petersburg Railroad will be addressed in our review of the report for archaeological survey conducted in this vicinity.

DHR is unable to comment on the potential effect of the undertaking on the following properties: **007-5554, 007-5583, 007-5585, 087-5610, 087-5618, 133-0025, and 133-5498**. All of these properties were inaccessible to the consultant and were not visible for the public right of way. Per DHR's recommendation they were all considered NRHP-eligible for Section 106 purposes. The pipeline will cross the boundary of

each property, thereby impacting the resource in some fashion. However, without knowing why these buildings are historically significant, if indeed they are, it is impossible to accurately evaluate the effect that the undertaking will have on them. We request that once access to these properties is granted that Atlantic Coast Pipeline, Inc. re-initiate consultation with DHR in order to definitively determine NRHP-eligibility for each and, for those found eligible, assess effect.

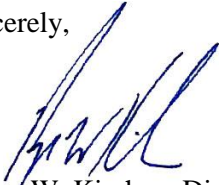
DHR will withhold at this time comment on the potential effects to **021-5012** (Appalachian Trail) and **080-5161** (Blue Ridge Parkway). These historic resources, both eligible for listing in the NRHP, are under federal jurisdiction of the United States Forest Service (USFS) and the National Park Service (NPS), respectively. Both the USFS and NPS have their individual Section 106 responsibilities to consult with DHR on the issuance of land-use permits for the Atlantic Coast Pipeline. Once such consultation commences, DHR will copy Atlantic Coast Pipeline, Inc. on our comments to USFS and NPS.

The DHR believes that the pipeline project will adversely affect the following historic properties:

- **008-0011:** Wilderness Farm, constructed in 1797, is eligible for listing in the NRHP under Criterion A for agriculture and Criterion C as a fine example of Georgian and vernacular architecture. The pipeline corridor will bisect the Wilderness Farm property and require the construction of an associated access road, necessitating the removal of mature trees on the property and burying the facility as it crosses open agricultural fields. The cleared areas will be visible in places from the main house. Because the property derives some of its historic significance from its agricultural setting and feeling, the construction of the pipeline and associated access road through the resource's boundary and in a manner that will be visible from the primary and secondary structures, DHR considers the diminishment to these characteristics to be adverse.
- **062-5119:** The South Rockfish Valley Rural Historic District is listed in the NRHP. As described in the current report, "It retains a high degree of integrity for a traditional, rural landscape in the Virginia Piedmont" (page 107). This "traditional, rural landscape" is a significant characteristic of the historic district. The pipeline corridor will cross the South Rockfish Valley Rural Historic District through open agricultural fields and stands of mature trees, which will greatly alter the rural setting and feeling of the historic district at the locations where this occurs. Because the South Rockfish Valley Rural Historic District derives much of its historic significance from its rural setting and feeling, the construction of the pipeline through the resource's boundary and in a manner that will be visible from contributing resources within the historic district, DHR considers the diminishment to these characteristics to be adverse.
- **062-5160:** The Warminster Rural Historic District is eligible for listing in the NRHP under Criterion A under the categories of settlement and development patterns, transportation development, Black Ethnic history, social history, and commerce; Criterion B for its association with the Cabell Family; and Criterion C for architecture. Similar to the South Rockfish Valley Rural Historic District above, the Warminster Rural Historic District is characterized by its current rural landscape and feeling. The pipeline corridor will cut through the rural historic district along its eastern and southern edges, which will require the removal of a swath of mature trees. Because the Warminster Rural Historic District derives much of its historic significance from its rural setting and feeling, the construction of the pipeline through the resource's boundary and in a manner that will be visible from contributing resources within the historic district, DHR considers the diminishment to these characteristics to be adverse.

Thank you for the opportunity to review this assessment. We understand that several consulting and interested parties may have concerns about the recommendations in this study and we request that ACP take into consideration those comments in the preparation of a final draft of this document. Please itemize in a cover letter to the final document the changes made based on these and other comments. 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', is positioned above the typed name.

Roger W. Kirchen, Director  
Review and Compliance Division

**Virginia Department of Conservation and Recreation**

**From:** [Orndorff, Wil \(DCR\)](#)  
**To:** [Robert Denton](#)  
**Subject:** RE: Burnsville Cove Directive  
**Date:** Monday, August 28, 2017 1:54:17 PM

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Dear Mr. Denton:

Thanks for consulting with us on this.

The current variation (11c) of the Atlantic Coast Pipeline crosses the most upstream, western portions of the recharge area for the Burnsville Cove Conservation Site, which represents one of the world's most intense areas of cave development and subterranean drainage. This site is globally very significant in terms of subterranean biodiversity, and is also home to several species of state and federally protected bats.

Surveys performed to date have not identified any sensitive karst input features within the project limits of disturbance within the Burnsville Cove Conservation Site. Surface drainage may flow from the limits of disturbance off site, then sink into the karst. This drainage poses the greater risk to Burnsville Cove from the proposed Atlantic Coast Pipeline. However, if erosion and sediment control measures and spill prevention protocols and response plans are strictly adhered to, it is very unlikely that the project will have any discernible impact on the Burnsville Cove Conservation Site.

It should be noted that Dominion's relocation of access roads to the west of the corridor has dramatically reduced concerns over potential impact of pipeline construction and operation to the Burnsville Cove Conservation Site.

Please let me know if you require further clarification on these points.

Sincerely,

Wil Orndorff  
VA DCR Karst Protection Coordinator

---

**From:** Robert Denton [mailto:RDenton@GeoConcepts-Eng.Com]  
**Sent:** Friday, August 25, 2017 11:56 AM  
**To:** Orndorff, Wil (DCR)  
**Subject:** Burnsville Cove Directive

*20. As part of its Implementation Plan, Atlantic shall consult with the VDCR to determine if the route alignment and construction activities will impact the Burnsville Cove Cave Conservation Site. Atlantic shall file with the Secretary, for review and written approval by the Director of OEP, the results of its consultations, along with any proposed construction modifications or alignment shifts to avoid impacts on this site. (Section 4.1.2.3)*

**Robert K. Denton Jr., CPG, LPSS, LRS**  
Senior Geologist

**GeoConcepts Engineering, Inc.**

19955 Highland Vista Drive, Suite 170, Ashburn, Virginia 20147

O: (703) 726-8030 | C: ( 703) 727-5925 | [www.geoconcepts-eng.com](http://www.geoconcepts-eng.com)  
[yourinfo@geoconcepts-eng.com](mailto:yourinfo@geoconcepts-eng.com)



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September 18, 2017

Ms. Lynn Crump  
Environmental Programs Planner  
Virginia Department of Conservation and Recreation  
600 East Main Street  
Richmond, Virginia 23219

Subject: Atlantic Coast Pipeline - Consultation Regarding Pipeline Construction Crossings  
of National and State Scenic Byways in Virginia

Dear Ms. Crump:

Atlantic Coast Pipeline, LLC (Atlantic) – a company formed by four major energy companies – Dominion Energy, Inc. (Dominion Energy); Duke Energy Corporation; Piedmont Natural Gas Co., Inc.; and Southern Company Gas – proposes to construct and operate approximately 600 miles of natural gas transmission pipelines and associated aboveground facilities in West Virginia, Virginia, and North Carolina. This Project, referred to as the Atlantic Coast Pipeline (ACP), will deliver up to 1.5 million dekatherms per day of natural gas from supply areas in the Appalachian region to demand areas in Virginia and North Carolina. Atlantic has contracted with Dominion Energy Transmission, Inc. (DETI), a subsidiary of Dominion Energy, to construct and operate the ACP on behalf of Atlantic.

During construction of the ACP in Virginia, two National Scenic Byways (the Blue Ridge Parkway and U.S. Highway 250 (the Staunton- Parkersburg Turnpike)), and 13 state-listed byways or scenic roads will be crossed by the proposed pipeline. These roads are listed by county and pipeline milepost in the attached table. A project overview map and individual site maps of each road crossing, showing the permanent pipeline right-of-way, which would be maintained in a grassy condition, and the temporary construction rights-of-way and additional temporary construction workspace, which would be allowed to return to existing vegetative conditions, are also attached.

Where possible, Atlantic selected road crossing locations in agricultural areas or areas with open fields or shrub lands on one or both sides of the road crossing. Where this was not possible due to terrain or other engineering or environmental constraints, existing tree cover may be present on one or both sides of the byway which may need to be temporarily or permanently removed and replaced with field grass cover. These areas can be seen on the attached site maps. Several locations where tree removal would be required are in areas of the bypass that have been previously developed with residential construction.

Regarding the crossing of the Blue Ridge Parkway, Atlantic has consulted extensively with the National Park Service on the crossing of this roadway and has proposed to drill under the Parkway and adjacent lands, including a crossing of Beach Grove Road, using the Horizontal Directional Drill method. This method will avoid any tree clearing or other surface disturbance for a distance of approximately 4,600 feet (2,010 feet to the northwest and 2590 feet to the

southeast), thereby preserving the existing forested conditions on both sides of the parkway. All other roadways listed in the attached table will be bored.

Any comments regarding visual impacts at the byway crossings would be appreciated. Your comments will be forwarded to the Federal Energy Regulatory Commission, the lead federal agency reviewing this Project, to be incorporated into its environmental review process. We respectfully request your comments by September 29, 2017.

We look forward to working with you on the ACP. Please contact Richard B. Gangle at (804) 273-2814 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 Energy Resources Services, Inc.  
5000 Dominion Boulevard  
Glen Allen, Virginia 23060

Sincerely,

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

Richard Gangle  
Manager, Atlantic Coast Pipeline

Enclosure: Table of Crossings  
Project Overview Map for Virginia  
Site Maps

**Existing Visual Conditions and Potential Impacts due to Tree Clearing Associated with Additional Temporary Construction  
Workspace Adjacent to Virginia Scenic Byways/Roads**

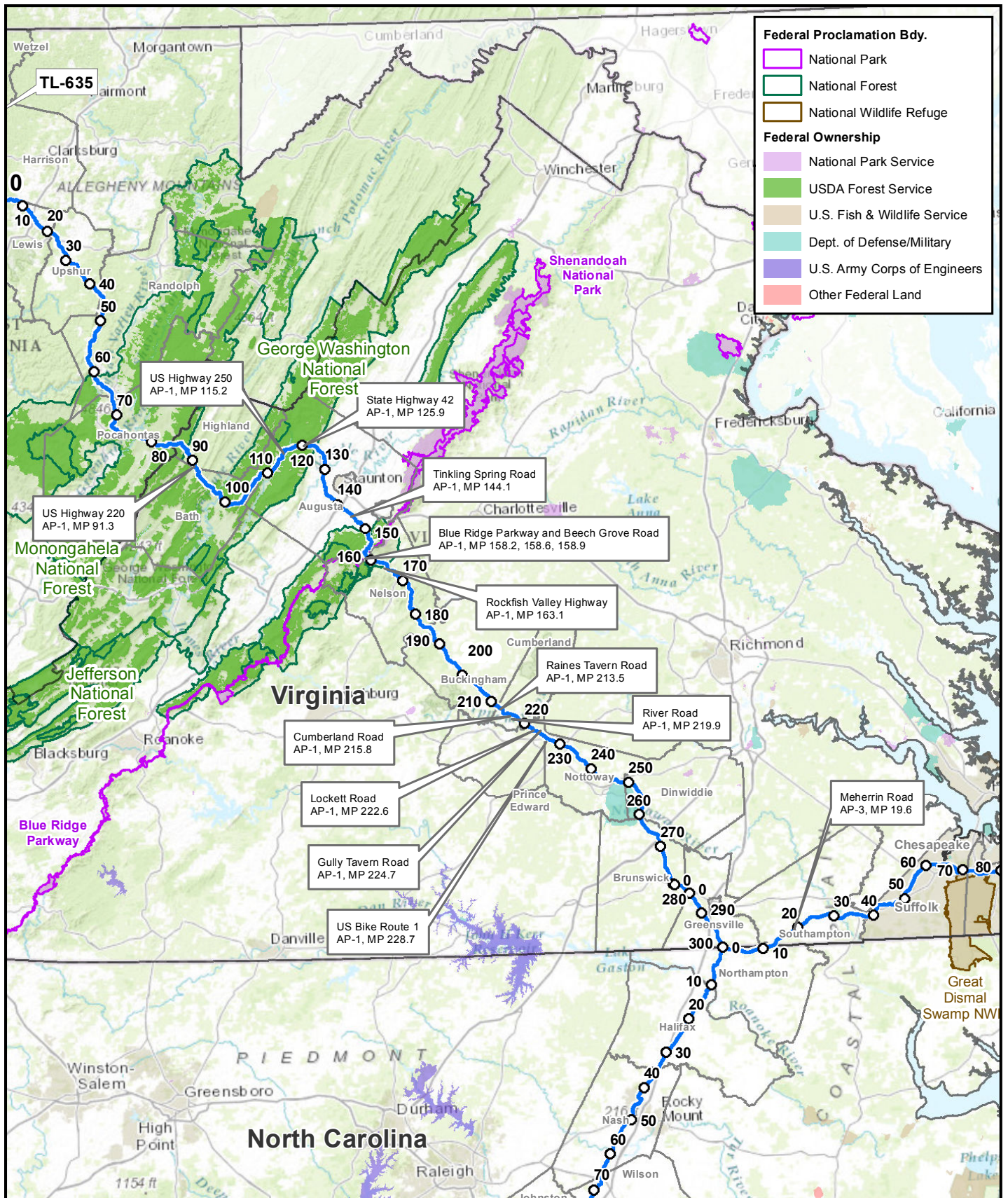
Pipeline Facility County/State	Milepost	Name	Ownership/ Jurisdiction	Crossing Method	Existing Visual Conditions	Visual Impact Due to ATWS/Mitigation
<b>ATLANTIC COAST PIPELINE</b>						
<b>AP-1</b>						
Highland, VA	91.3	U.S. Highway 220 Virginia Byway	VDOT	Bore	Forested on the west side of the crossing; pasture on the east side of the crossing	No impact due to existing cleared conditions on the east side of the crossing
Augusta, VA	115.2	U.S. Highway 250 National Scenic Byway (S-P Turnpike)	VDOT	Bore	Pasture on both sides of the crossing with a narrow band of trees bordering both sides of the roadway	Potential impact due to limited tree clearing on both sides of the crossing; Atlantic will implement offsets for ATWS at this crossing to minimize visual impacts due to tree clearing along the roadway
Augusta, VA	125.9	State Highway 42, Virginia Byway	VDOT	Bore	Pasture/agricultural on both sides of the crossing	No impact due to existing cleared conditions on both sides of the crossing
Augusta, VA	144.1	Tinkling Spring Road, Virginia Byway (VA 608)Secondary Rd.	VDOT	Bore	Agricultural on both sides of the crossing	No impact due to existing cleared conditions on both sides of the crossing
Augusta, VA	158.2	Blue Ridge Parkway, America's Byway (road)	NPS	HDD	Forested on both sides of the crossing	No impact due to the HDD crossing method; tree clearing will not be conducted in the vicinity of the crossing
Nelson, VA	158.6	Beech Grove Road (VA Secondary Road 664)	VDOT	HDD	Forested on both sides of the crossing	Potential impact due to tree clearing on the south side of the crossing at the HDD exit point; setbacks for ATWS are not feasible due to slope and the position of Beech Grove Road relative to the HDD alignment; no change to ATWS is recommended
Nelson, VA	158.9	Beech Grove Road (VA Secondary Road 664)	VDOT	Bore	Forested on both sides of the crossing, but immediately adjacent to a cleared area on the west side of the crossing at the junction of Beech Grove Road and Wintergreen Drive	Limited impact due to tree clearing on the west side of side of the crossing; ATWS on the east side of the crossing is setback from the roadway; no change to ATWS is recommended

**Existing Visual Conditions and Potential Impacts due to Tree Clearing Associated with Additional Temporary Construction  
Workspace Adjacent to Virginia Scenic Byways/Roads (continued)**

Pipeline Facility County/State	Milepost	Name	Ownership/ Jurisdiction	Crossing Method	Existing Visual Conditions	Visual Impact Due to ATWS/Mitigation
Nelson, VA	163.1	Rockfish Valley Highway (VA Route 151)	VDOT	Bore	Forested on both sides of the crossing, but there are houses and agricultural fields adjacent to the road in the immediate vicinity of the crossing	Limited impact due to existing cleared conditions along the roadway in the vicinity of the crossing; no change in ATWS is recommended
Cumberland, VA	213.5	Raines Tavern Road, Virginia Lee's Retreat Secondary Rd. 636)Byway (VA	VDOT	Bore	Agricultural on both sides of the crossing with a narrow band of trees bordering both sides of the roadway	No impact; ATWS are positioned to avoid tree clearing along the roadway
Cumberland, VA	215.8	Cumberland Road, Virginia Lee's Retreat Byway (VA Route 45)	VDOT	Bore	Forested on both sides of the crossing, but there are houses and agricultural fields adjacent to the road in the immediate vicinity of the crossing	Limited impact due to existing cleared conditions along the roadway in the vicinity of the crossing; no change in ATWS is recommended
Cumberland, VA	219.9	River Road, (VA Secondary Rd. 600)	VDOT	Bore	Forested on the north side of the crossing, but immediately adjacent to existing agricultural fields; agricultural on the south side of the crossing	Limited impact due to existing cleared conditions along the roadway in the vicinity of the crossing; no change in ATWS is recommended
Prince Edward, VA	222.6	Lockett Road, Virginia Lee's Retreat Byway (VA Secondary Rd. 619)	VDOT	Bore	Forested and agricultural on the north side of the crossing; forested on the south side of the crossing	Potential impact due to tree clearing on both sides of the crossing; Atlantic will implement offsets for ATWS at this crossing to minimize visual impacts due to tree clearing along the roadway
Prince Edward, VA	224.7	Gully Tavern Road (VA Secondary Rd. 600)	VDOT	Bore	Agricultural on both sides of the crossing	No impact due to existing cleared conditions on both sides of the crossing
Nottoway, VA	228.7	US Bike Route 1 (along VA Secondary Route 628)	VDOT	Bore	Agricultural on the north side of the crossing; forested on the south side of the crossing, but there are existing agricultural fields in the vicinity of the crossing	Limited impact due to existing cleared conditions along the roadway in the vicinity of the crossing; no change in ATWS is recommended

**Existing Visual Conditions and Potential Impacts due to Tree Clearing Associated with Additional Temporary Construction  
Workspace Adjacent to Virginia Scenic Byways/Roads (continued)**

Pipeline Facility County/State	Milepost	Name	Ownership/ Jurisdiction	Crossing Method	Existing Visual Conditions	Visual Impact Due to ATWS/Mitigation
<b>AP-3</b>						
Southampton, VA	19.6	Meherrin Road Virginia Byway (VA Route 35)	VDOT	Bore	Agricultural on both sides of the crossing; additionally, the crossing is adjacent to an existing electric transmission line and substation	No impact due to existing cleared conditions on both sides of the crossing



**Atlantic Coast Pipeline** SM

— ACP Mainline  
— SHP Loop  
○ Milepost

0 10 20 Miles



**Atlantic Coast Pipeline and Supply Header Project**  
Project Overview Map - Virginia





*This information is for environmental review purposes only.*

	Milepost Centerline	Permanent ROW Temporary Construction ROW Additional Temporary Workspace Access Road	  1:2,000	<p><b>Atlantic Pipeline Project</b>  <b>Scenic By-Way Crossings</b>          US Highway 220 - Virginia By-Way          AP-1, MP 91.3          Page 1 of 16</p>
	<p>M:\Clients\ID-FDOM\SRPP\ArcGIS\2017\08\09_Scenic_By_Way_Maps\DOM_ACP_Scenic_By_Way_Maps.mxd   REVISED: 08/15/2017   SCALE: 1:2,000</p> <p>DRAWN BY: JML</p>			



*This information is for environmental review purposes only.*

**Atlantic  
Coast  
Pipeline** SM

- Milepost
- Centerline
- Permanent ROW
- Temporary Construction ROW
- Additional Temporary Workspace

0 50 100  
Feet  
1:2,000



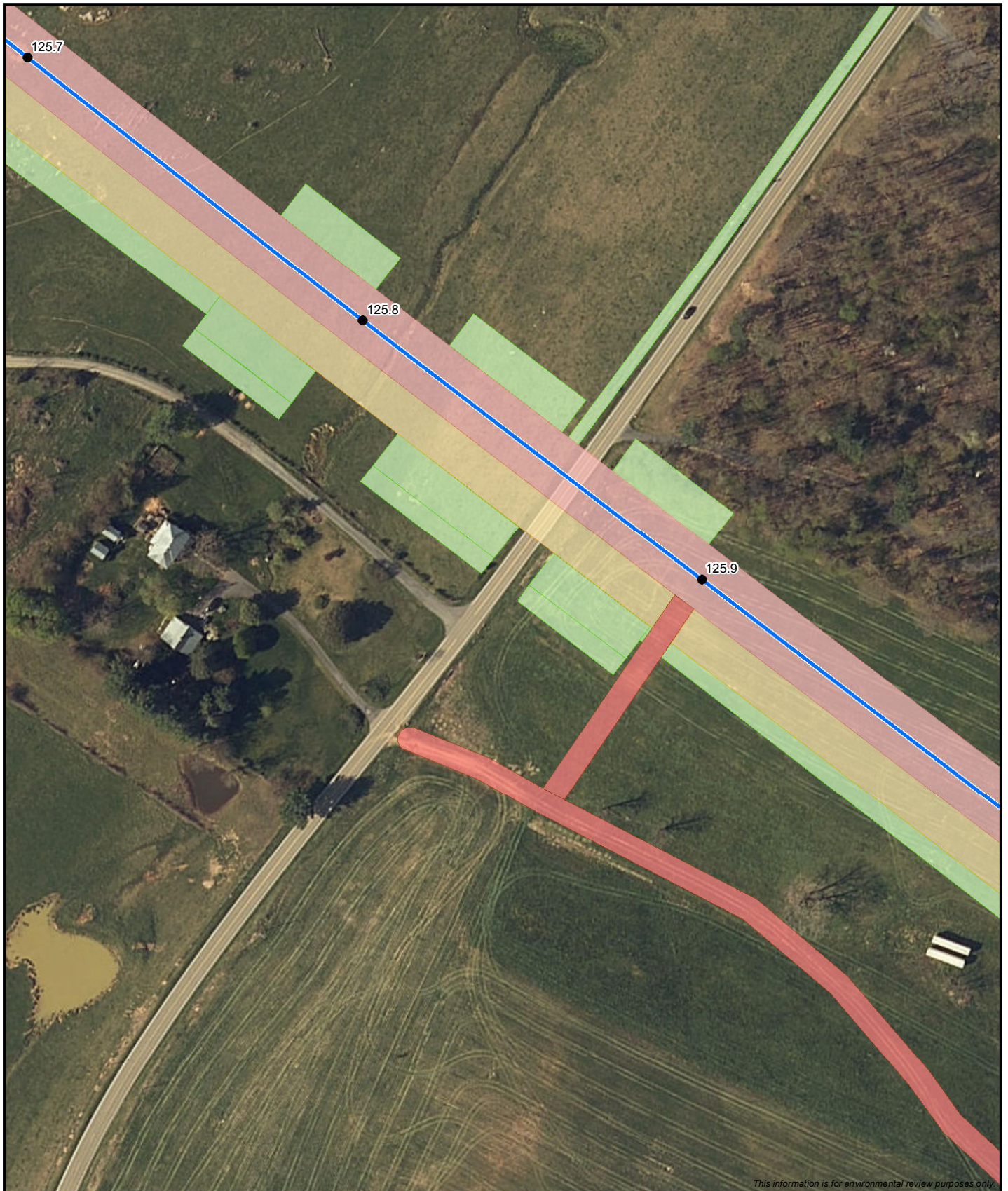
## Atlantic Pipeline Project Scenic By-Way Crossings

US Highway 250 - National Scenic By-Way

AP-1, MP 115.2

Page 2 of 16





This information is for environmental review purposes only.

**Atlantic  
Coast  
Pipeline** SM

- Milepost
- Centerline
- Permanent ROW
- Temporary Construction ROW
- Additional Temporary Workspace
- Access Road

0 50 100  
Feet  
1:2,000



## Atlantic Pipeline Project Scenic By-Way Crossings

State Highway 42 - Virginia By-Way

AP-1, MP 125.9

Page 3 of 16





This information is for environmental review purposes only.



- Milepost
- Centerline
- Permanent ROW
- Temporary Construction ROW
- Additional Temporary Workspace
- Access Road

0 50 100 Feet  
1:2,000



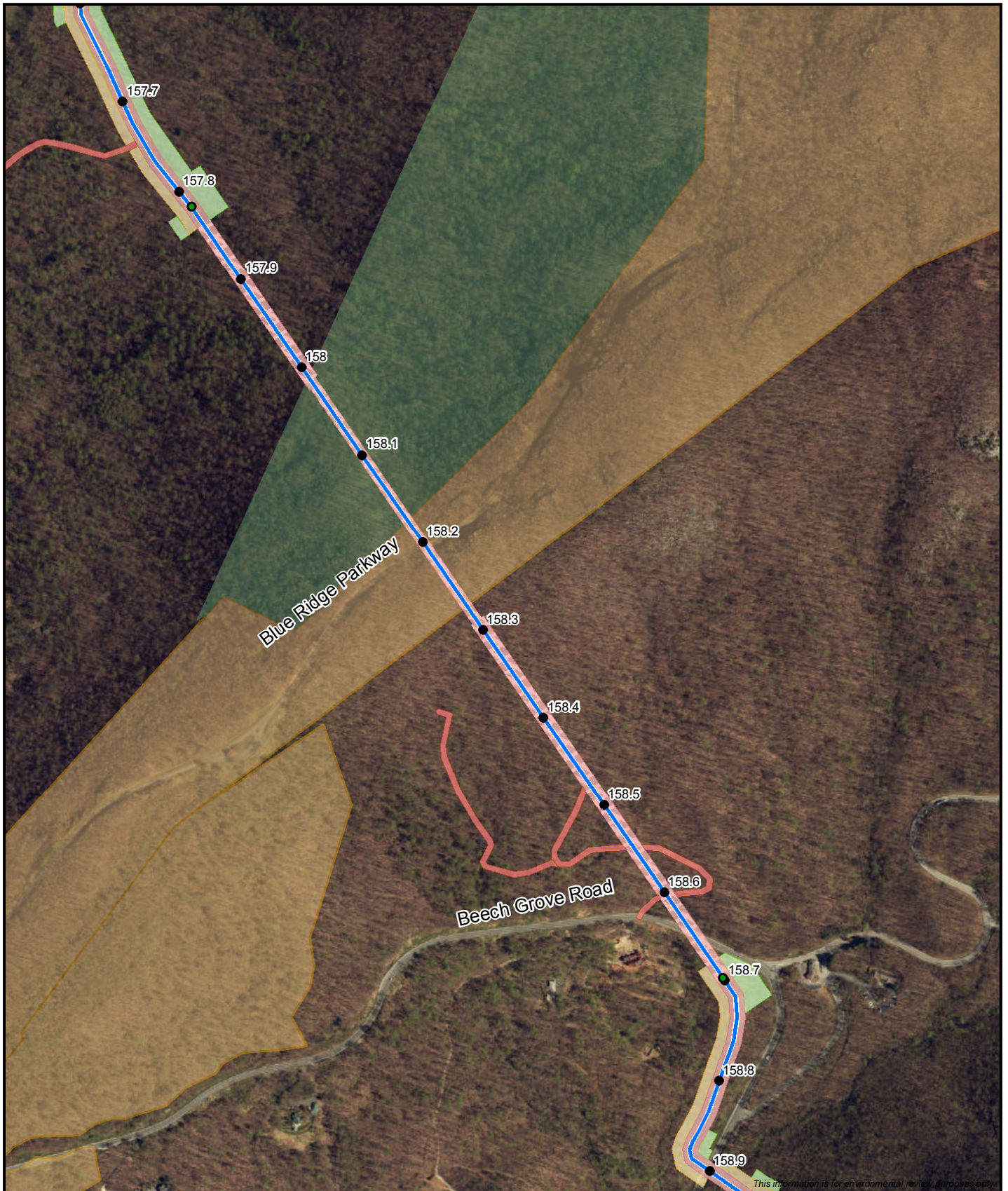
## Atlantic Pipeline Project Scenic By-Way Crossings

Tinkling Spring Road - Virginia By-Way

AP-1, MP 144.1

Page 4 of 16





This information is for environmental review purposes only.

**Atlantic  
Coast  
Pipeline** SM

- Milepost
- Centerline
- HDD Entry/Exit Point
- HDD Crossing
- Access Road
- Permanent ROW
- Temporary Construction ROW
- Additional Temporary Workspace
- National Park Service Land
- USFS Land

0 250 500 Feet  
1:8,000

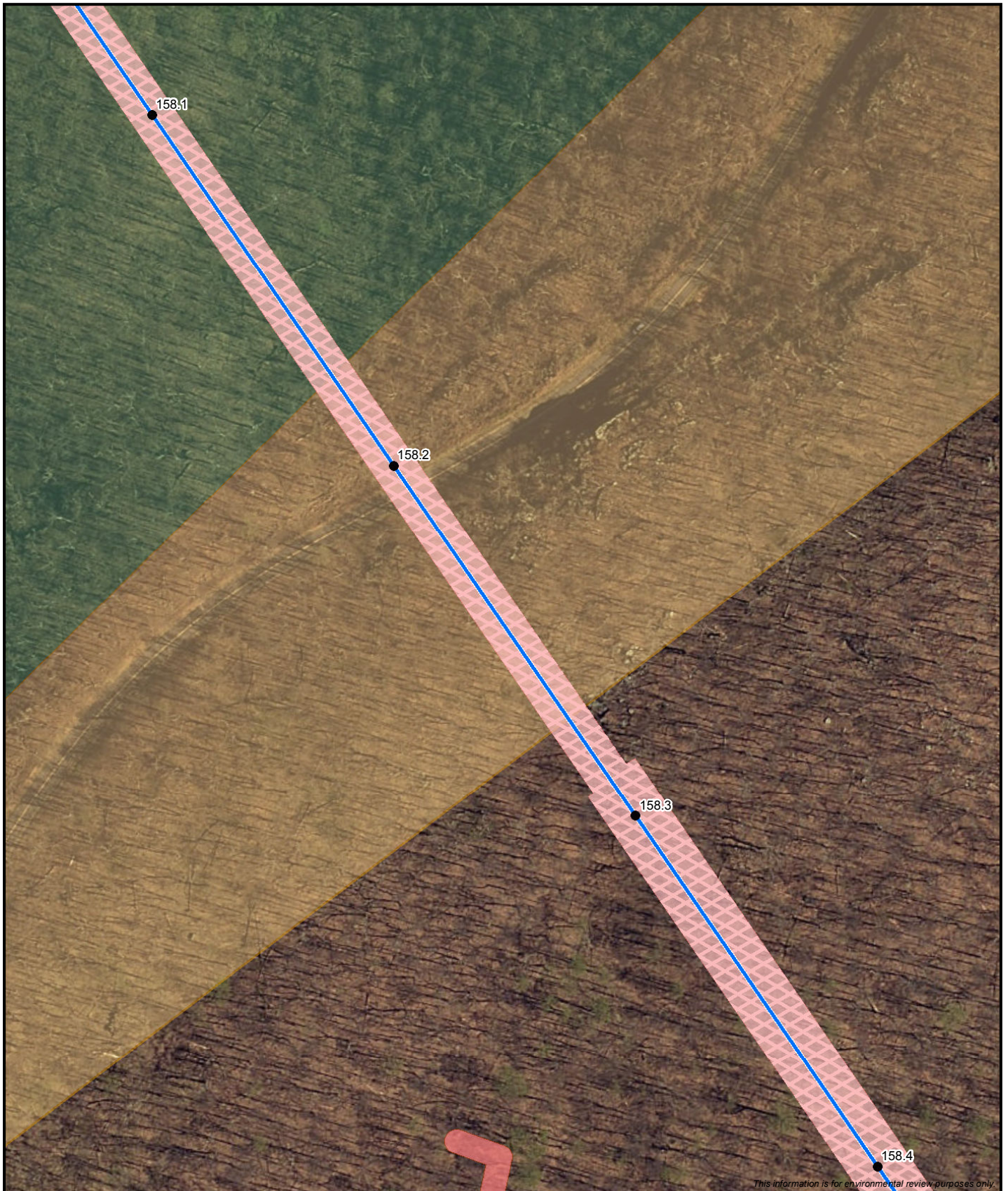
## Atlantic Pipeline Project Scenic By-Way Crossings

Overview of Blue Ridge Parkway and Beech Grove Road

AP-1. MP 158.2, 158.6

Page 5 of 16





*This information is for environmental review purposes only.*

**Atlantic  
Coast  
Pipeline** SM

- Milepost
- Centerline
- HDD Crossing
- Permanent ROW  
(Tunneled - No Tree Clearing Required)
- Access Road
- National Park Service Land
- USFS Land

0 50 100 Feet  
1:2,000



## Atlantic Pipeline Project Scenic By-Way Crossings

Blue Ridge Parkway - America's By-Way

AP-1, MP 158.2

Page 6 of 16





*This information is for environmental review purposes only.*

**Atlantic  
Coast  
Pipeline** SM

- Milepost
- Centerline
- HDD Entry/Exit Point
- ⊗ HDD Crossing
- Permanent ROW
- Temporary Construction ROW
- Additional Temporary Workspace
- Access Road

0 50 100 Feet  
1:2,000

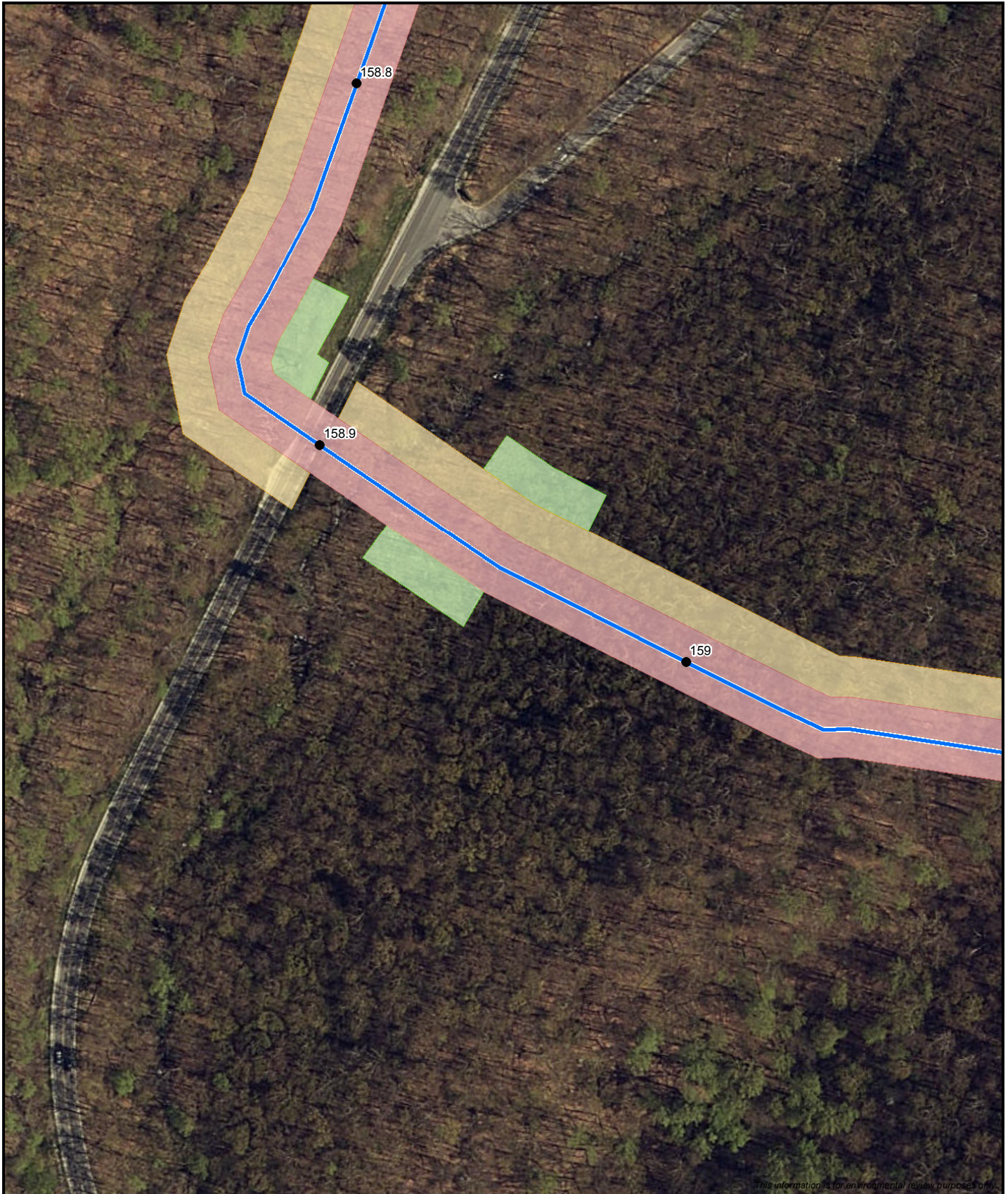
## Atlantic Pipeline Project Scenic By-Way Crossings

Beech Grove Road

AP-1, MP 158.6

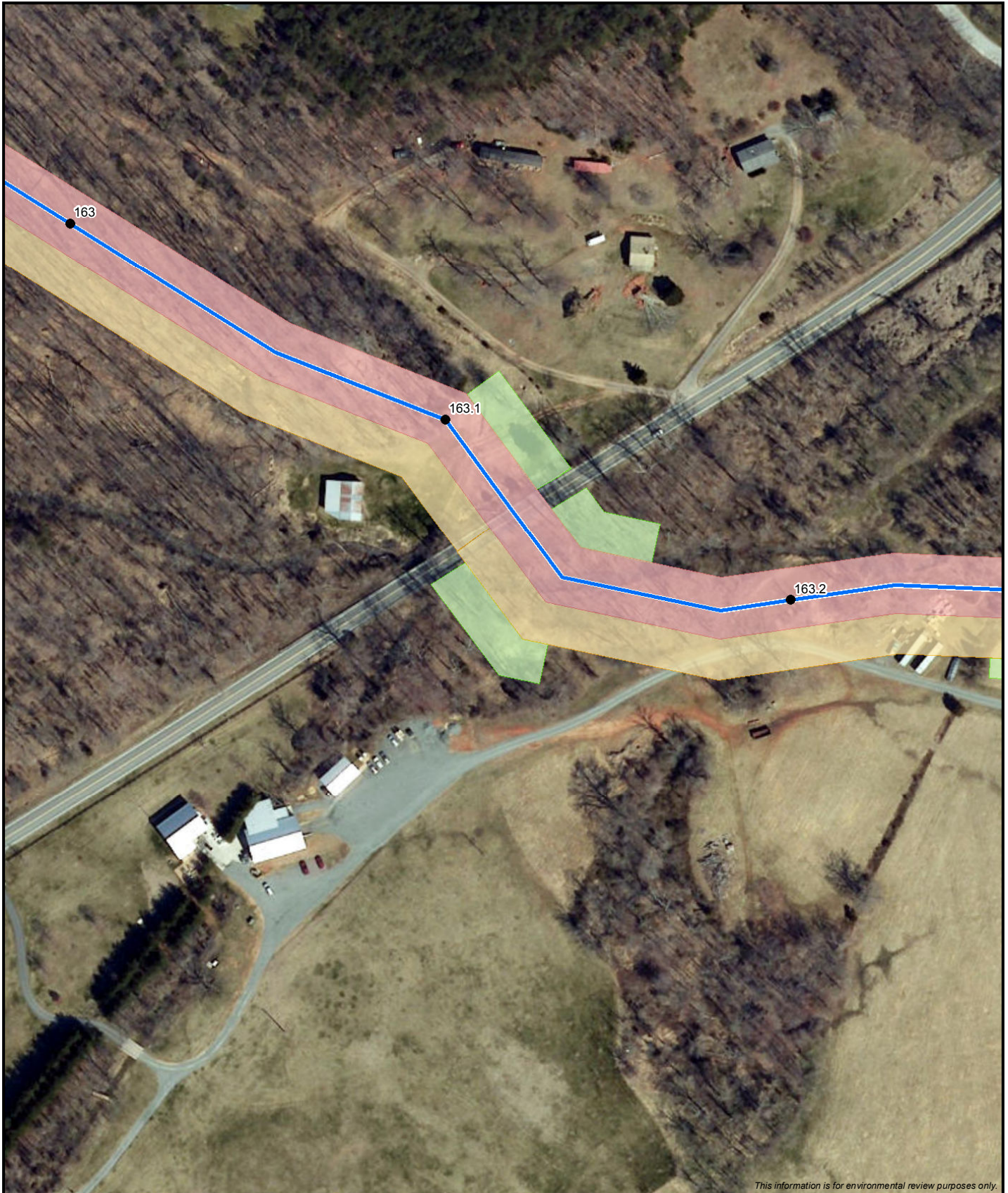
Page 7 of 16





*This information is for environmental review purposes only.*

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	<p>M:\Clients\ID-FDOM\SRPP\ArcGIS\2017\08\09_Scenic_By_Way_Maps\DOM_ACP_Scenic_By_Way_Maps.mxd   REVISED: 08/15/2017   SCALE: 1:2,000</p> <p style="text-align: right;">DRAWN BY: JML</p>	



This information is for environmental review purposes only.

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This information is for environmental review purposes only.

**Atlantic  
Coast  
Pipeline** SM

- Milepost
- Centerline
- Permanent ROW
- Temporary Construction ROW
- Additional Temporary Workspace

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Feet  
1:2,000



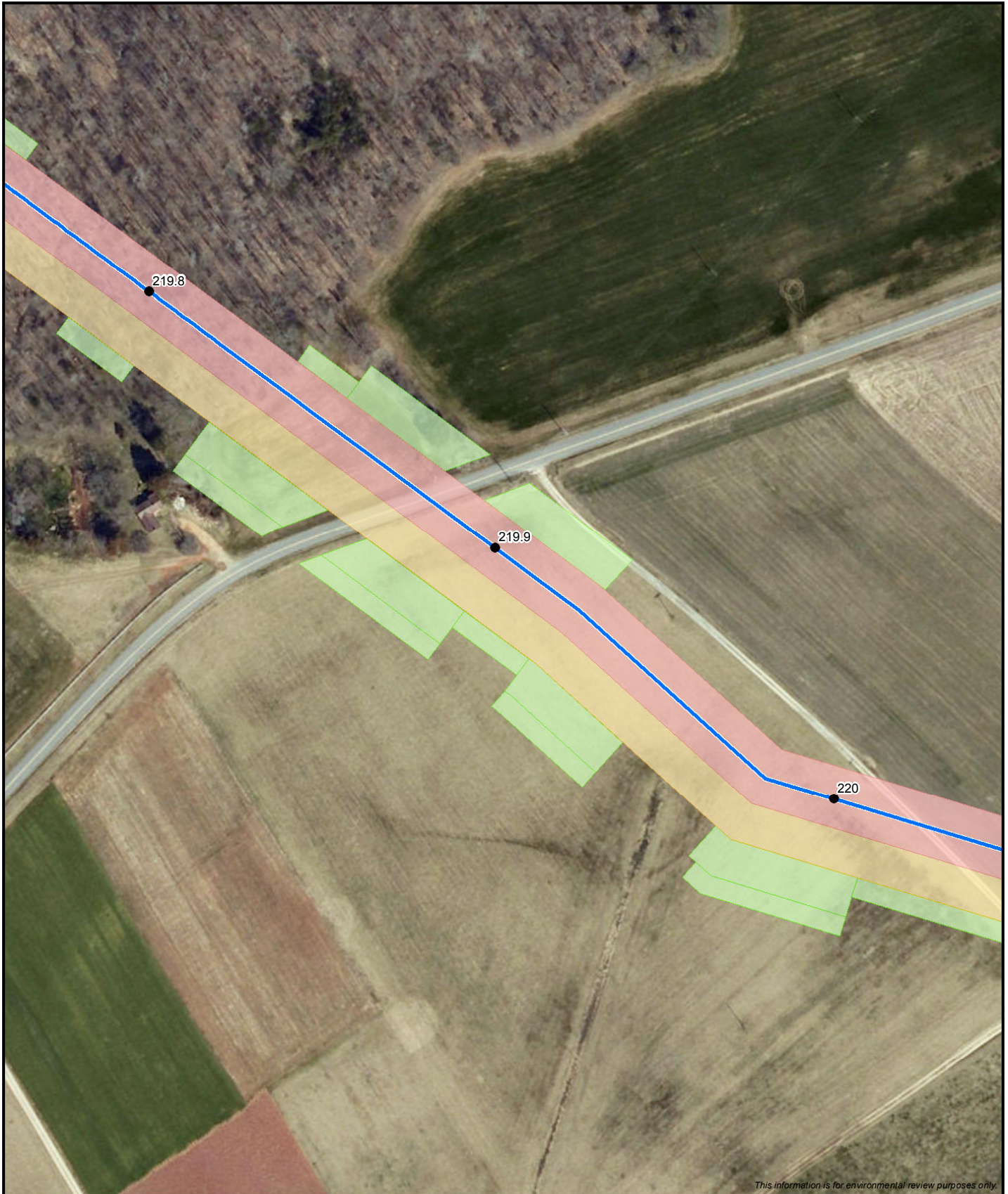
**Atlantic Pipeline Project  
Scenic By-Way Crossings**  
Raines Tavern Road, Virginia - Lee's Retreat Secondary Road  
AP-1, MP 213.5  
Page 10 of 16





*This information is for environmental review purposes only.*

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*This information is for environmental review purposes only.*



- Milepost
- Centerline
- Permanent ROW
- Temporary Construction ROW
- Additional Temporary Workspace

0 50 100  
Feet  
1:2,000



## Atlantic Pipeline Project Scenic By-Way Crossings

River Road  
AP-1, MP 219.9  
Page 12 of 16





*This information is for environmental review purposes only.*

**Atlantic  
Coast  
Pipeline** SM

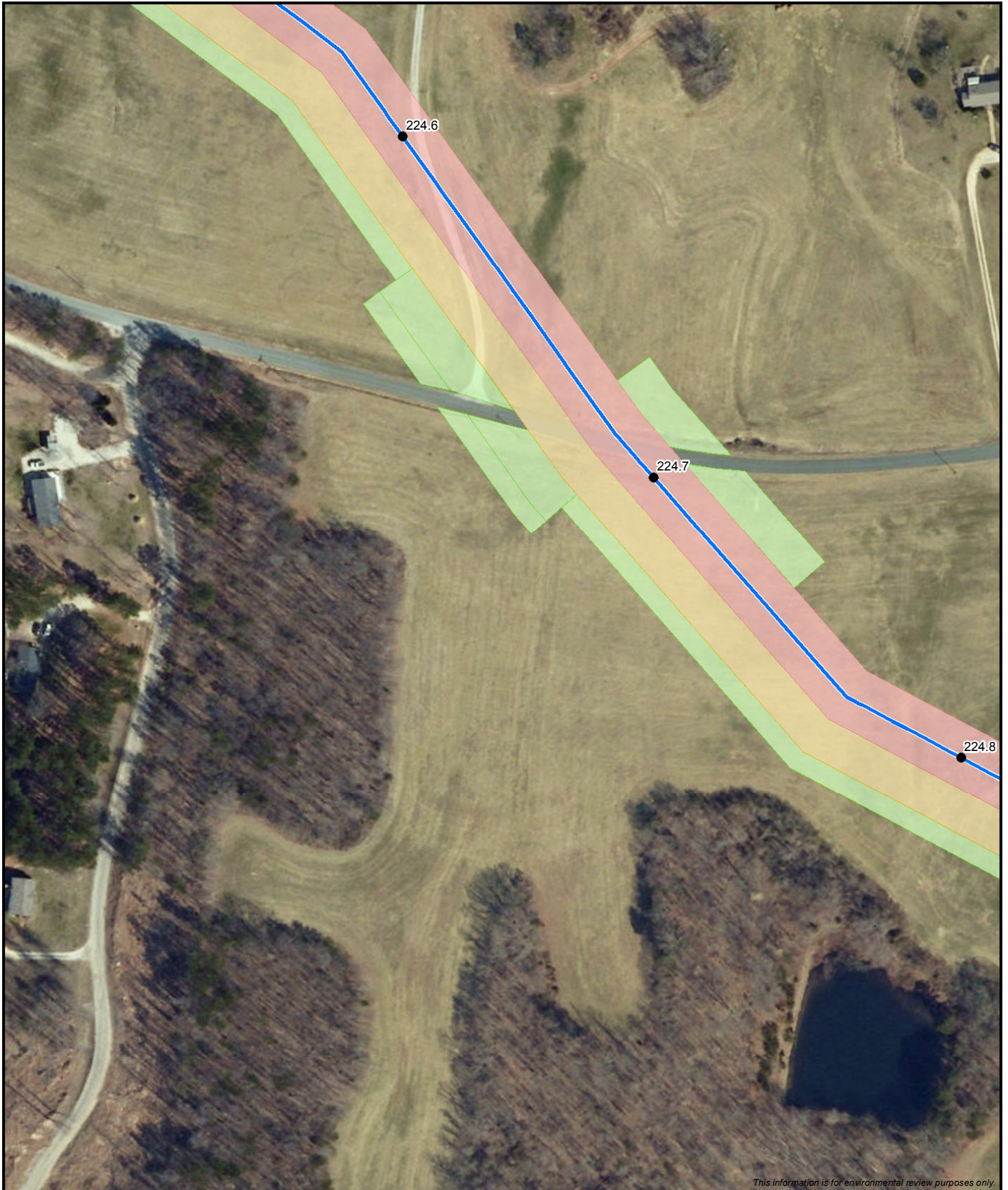
- Milepost
- Centerline
- Permanent ROW
- Temporary Construction ROW
- Additional Temporary Workspace

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Feet  
1:2,000



**Atlantic Pipeline Project**  
**Scenic By-Way Crossings**  
 Lockett Road, Virginia - Lee's Retreat By-Way  
 AP-1, MP 222.6  
 Page 13 of 16





This information is for environmental review purposes only.

**Atlantic Coast Pipeline**

- Milepost
- Permanent ROW
- Temporary Construction ROW
- Additional Temporary Workspace

Centerline

0 50 100 Feet  
1:2,000

**Atlantic Pipeline Project**

**Scenic By-Way Crossings**

Gully Tavern Road

AP-1, MP 224.7

Page 14 of 16

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This information is for environmental review purposes only.

**Atlantic  
Coast  
Pipeline** SM

- Milepost
- Centerline
- Permanent ROW
- Temporary Construction ROW
- Additional Temporary Workspace

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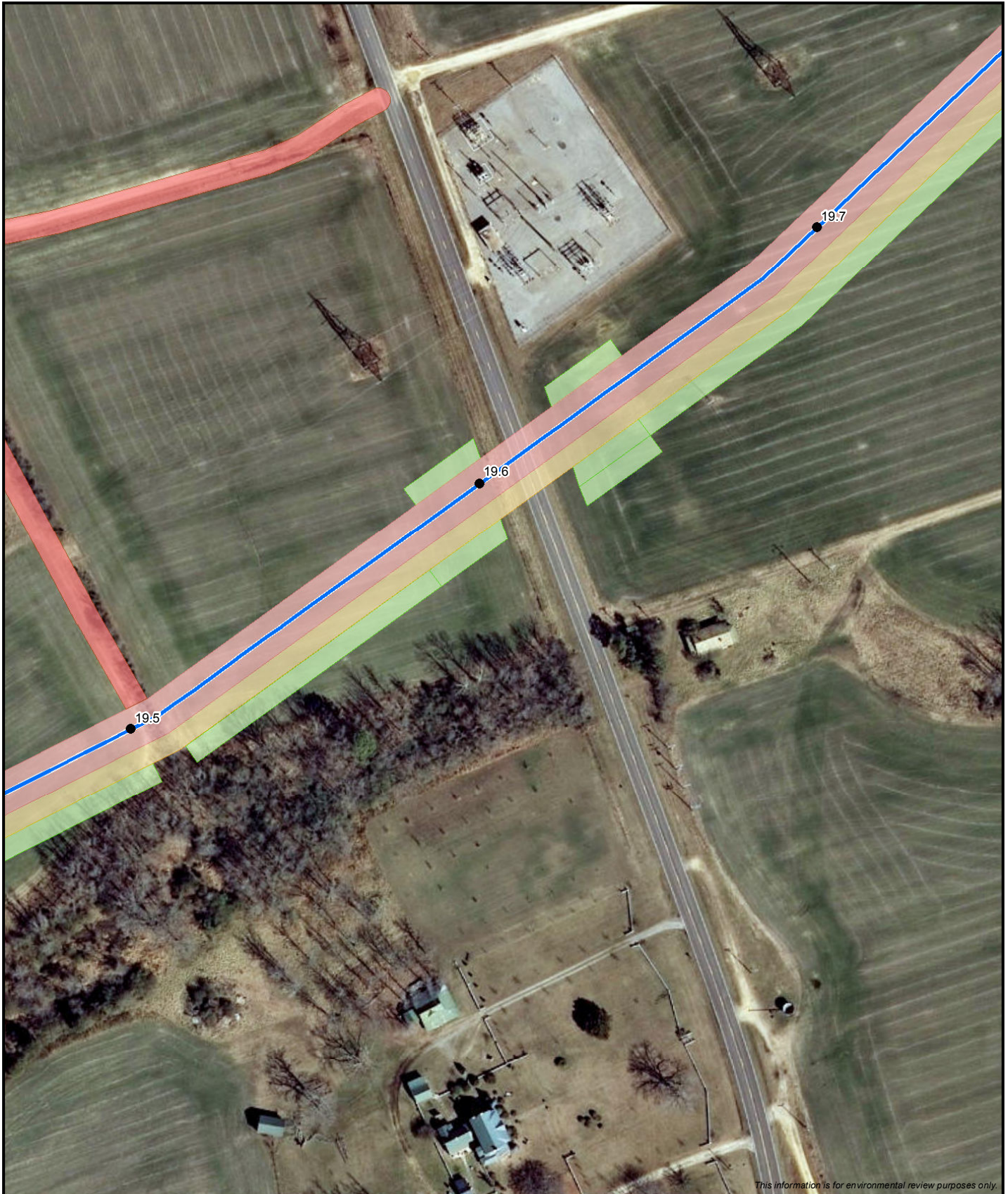
## Atlantic Pipeline Project Scenic By-Way Crossings

US Bike Route 1

AP-1, MP 228.7

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*This information is for environmental review purposes only.*



- Milepost
- Centerline
- Permanent ROW
- Temporary Construction ROW
- Additional Temporary Workspace
- Access Road

0 50 100  
Feet  
1:2,000



## Atlantic Pipeline Project Scenic By-Way Crossings

Meherrin Road - Virginia By-Way

AP-3, MP 19.6

Page 16 of 16



## **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

September 11, 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 31CD2020, 31CD2094, 31CD2100, 31CD2106, 31CD2107, 31CD2122, 31JT483, and 31JT484; Atlantic Coast Pipeline Project, Cumberland and Johnston counties, ER 14-1475

Dear Mr. Gangle:

We have received Robert M. Bisha's letter of April 26, 2017, forwarding copies of the above-referenced report (our bibliography number 7678) by Environmental Resource Management (ERM) and would like to comment. We received the report July 18, 2017.

During the investigations, eight 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 National Register of Historic Places: 31CD2020, 31CD2094, 31CD2107, 31CD2122, 31JT483, and 31JT484, because of a lack of integrity and inability to contribute further to the understanding of the area's prehistory. Mr. William Stanyard has recommended that no further archaeological investigation be conducted and that work be allowed to proceed at their locations. We concur with this recommendation since the project will not involve significant archaeological resources at these six sites.

For purposes of compliance with Section 106 of the National Historic Preservation Act, we concur that the following property is eligible for the National Register of Historic places, 31CD2100. Though the report doesn't state the recommended criterion, it is implicitly understood to be Criterion D, most often applied to archaeological sites whose significance comes from the data they may yield. For 31CD2100, this significance derives from its long occupation, from the Early Archaic through the Late Woodland periods. With its proximity to Buckhorn Bay 31CD2100 may yield information on the prehistoric use of bays. Also of note is a collection of Hanover II Phase sherds belonging to the same vessel, suggesting the likelihood of undisturbed features.

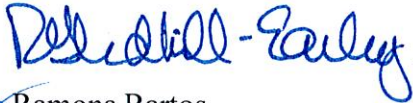
If 31CD2100 cannot be avoided, we concur with Mr. Stanyard's recommendation that effects to it be mitigated through a data recovery program. We are in receipt of a site avoidance and data recovery plan including this site and will offer comments at a later date.

After careful consideration of the information presented for 31CD2106, we feel sufficient information was gathered at the Phase II level of investigation to evaluate it. It is our opinion that 31CD2106 is not eligible for the NRHP. It is unlikely to provide additional information on the prehistory or history of the area. We, therefore, recommend that no additional archaeological investigation be conducted in connection with this site, allowing work to proceed in its area.

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,



Ramona Bartos

cc: Bill Stanyard  
Natural Resource Group

[bill.stanyard@nrg-llc.com](mailto:bill.stanyard@nrg-llc.com)

**North Carolina Department of Transportation**



STATE OF NORTH CAROLINA  
DEPARTMENT OF TRANSPORTATION

ROY COOPER  
GOVERNOR

JAMES H. TROGDON, III  
SECRETARY

September 6, 2017

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

Subject: ACP Pipeline Project – Pipeline Construction Crossing North Carolina Scenic Byways

Dear Mr. Gangle,

I have reviewed your letter and mapping regarding the Atlantic Coast Pipeline construction project. The proposed project will cross the Lafayette's Tour byway in Halifax County dissecting NC 561 approximately 0.2 mile northeast of SR 1001, Justice Branch Road (shown as AP-2, MP 20.5 on your map), and Blue-Gray Scenic Byway in Johnston County dissecting SR 1009, Devils Racetrack Road approximately 0.3 mile southeast of SR 1179, Stewart Road (shown as AP-2, MP 100.7 on your map).

It is our understanding that the disturbance during construction at these crossings will be as minimal as possible and that the area will be repaired and restored to 'grassy conditions' within the pipeline and highway right-of-way. We also understand that the pipeline will be underground and it will not be visible in these areas after installation is completed. We do acknowledge that the layout/path of the pipeline has been designed to keep impacts as minimal as possible. But we also recognize that there will be minor impacts on the view shed of the byway created due to the necessary clearing and grubbing where the pipeline dissects wooded areas, fence row vegetation and specimen trees and that the conversion of the woody vegetation to grassy conditions will be permanent.

The Scenic Byway Program in North Carolina has no jurisdiction or land use controls outside of the highway right-of-way except for Outdoor Advertising restrictions. However, we would request that the location and installation process for the pipeline be sensitive to the impacts construction may have on specimen shade trees, and that you take precautions to lessen these impacts if at all possible. Specifically, there is a shade tree that may be impacted but could be preserved along Lafayette's Tour; it appears to be located outside of the pipeline right-of-way but within or close to the temporary construction right-of-way and the additional temporary workspace. Any steps you might take to preserve this tree including protecting the tree root zone would be greatly appreciated. See the attached photograph.

*Mailing Address:*  
NC DEPARTMENT OF TRANSPORTATION  
ROADSIDE ENVIRONMENTAL UNIT  
1557 MAIL SERVICE CENTER  
RALEIGH, NC 27699-1557

*Telephone:* (919) 707-2920  
*Fax:* (919) 715-2554  
*Customer Service:* 1-877-368-4968

*Website:* [www.ncdot.gov](http://www.ncdot.gov)

*Location:*  
TRANSPORTATION BUILDING  
1 SOUTH WILMINGTON STREET  
RALEIGH, NC 27601

Lafayette's Tour – NC 561



The Scenic Byway Program of North Carolina appreciates the opportunity to review and comment on the proposed Atlantic Coast Pipeline project.

Sincerely,

Connie S. Morgan  
North Carolina Scenic Byway Coordinator

cc: Don Lee, CPESC, State Roadside Environmental Engineer  
Tim Little, PE, Division Four Engineer  
Kim Moore, Division Four Utilities Engineer  
Carl Barclay, PE, State Utilities Manager  
Vang Moua, Encroachments Engineer

## **North Carolina Wildlife Resources Commission**



September 22, 2017

**BY E-MAIL**

Ms. Gabriela Garrison  
North Carolina Wildlife Resources Commission  
1701 Mail Service Center  
Raleigh, NC 27699  
gabriela.garrison@ncwildlife.org

Mr. John Ellis  
U.S. Fish & Wildlife Service  
Raleigh Field Office  
551F Pylon Drive  
Raleigh, NC 27606  
john\_ellis@fws.gov

**Re: Atlantic Coast Pipeline, LLC.: Revised Freshwater Mussel (*Unionidae*) Relocation Plan for the Proposed Atlantic Coast Pipeline in North Carolina.**

Dear Ms. Garrison and Mr. Ellis:

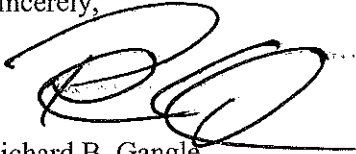
Atlantic Coast Pipeline, LLC (Atlantic) is pleased to provide the revised Freshwater Mussel (*Unionidae*) Relocation Plan for the proposed Atlantic Coast Pipeline (ACP) in North Carolina. This revised plan outlines the scope and methods that Atlantic will implement for mussel relocation at designated waterbody crossings in North Carolina prior to construction of ACP and incorporates comments received by the North Carolina Wildlife Resources Commission (NCWRC) on May 26, 2017. It also incorporates protocol measures for invasive species which may be observed during relocations.

Atlantic anticipates mussel relocation efforts to occur within six months of proposed in-stream construction activities. Construction spreads 7 through 11 are located in North Carolina; and subject to receipt of the required permits and regulatory approvals, spreads 8, 10 and 11 are scheduled for 2018 construction, and spreads 7 and 9 are scheduled for 2019 construction. All relocation scheduling and surveys will be coordinated directly with NCWRC and USFWS prior to conducting field efforts. In the event that relocation at certain crossings is not feasible due to elevated water levels or other natural causes, Atlantic will coordinate with NCWRC and USFWS. All mussel surveys within the Neuse and Tar basins will be coordinated with Mr. Tyler Black (NCWRC) and Ms. Sarah McRae (USFWS). Atlantic is requesting your review and concurrence for the attached Freshwater Mussel (*Unionidae*) Relocation Plan for the Proposed Atlantic Coast Pipeline in North Carolina.

Atlantic looks forward to continued coordination with you on this project. Please contact Mr. Spencer Trichell at (804) 273-3472 or [spencer.trichell@dominionenergy.com](mailto:spencer.trichell@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 be 'RB Gangle', written over a horizontal line.

Richard B. Gangle  
Environmental Manager, Atlantic Coast Pipeline

Cc: Spencer Trichell, Dominion Energy Services, Inc.  
Sarah McRae, U.S. Fish and Wildlife Service  
Tyler Black, North Carolina Wildlife Resources Commission  
Vann Stancil, North Carolina Wildlife Resources Commission

Attachments:

2017 Study Plan: Revised Freshwater Mussel (*Unionidae*) Relocations for the Proposed Atlantic Coast Pipeline in North Carolina

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



September 22, 2017

**BY E-MAIL**

Gabriela Garrison and Vann Stancil  
North Carolina Wildlife Resources Commission  
Sandhills Depot, P.O. Box 149  
Hoffman, NC 28347  
gabriela.garrison@ncwildlife.org  
vann.stancil@ncwildlife.org

**Re: Atlantic Coast Pipeline, LLC. :North Carolina Revised Fish and Other Aquatic Taxa Collection and Relocation Protocol for Instream Construction Activities**

Dear Ms. Garrison and Mr. Stancil:

Atlantic Coast Pipeline, LLC (Atlantic) is pleased to provide the revised North Carolina Fish and Aquatics Collection and Relocation Protocol for Instream Construction Activities for the Proposed Atlantic Coast Pipeline (attached). This revised plan describes the methods that Atlantic has agreed to implement to remove fish and other aquatics during construction and incorporates comments received from the NCWRC on January 4, 2017 as well as protocol measures for any invasive aquatic species observed during relocations.

Atlantic proposes to implement collection and relocation in Tier 1 and Tier 2 streams. Tier 1 streams are those not likely to support rare, threatened or endangered aquatic species. In Tier 1 streams, Atlantic will remove fishes and other aquatic species from workspaces *after* the placement of temporary dam structures (e.g., sand bags, sheet piling, etc.). Tier 2 streams are those potentially supporting rare, threatened, or endangered (RTE) fish and other aquatic species. To reduce impacts to these RTE species, Atlantic will remove them from workspaces *prior* to placement of temporary dam structures. Atlantic requests your review and concurrence on the revised plan.

Atlantic looks forward to continued coordination with you on this project. Please contact Mr. Spencer Trichell at (804) 273-3472 or [spencer.trichell@dominionenergy.com](mailto:spencer.trichell@dominionenergy.com), if there are questions regarding this protocol. 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', with a stylized, cursive script.

Richard B. Gangle  
Environmental Manager, Atlantic Coast Pipeline

Cc: Spencer Trichell, Dominion Energy Services, Inc.  
John Ellis, U.S. Fish and Wildlife Service  
Sarah McRae, U.S. Fish and Wildlife Service  
Judith Ratchliffe, North Carolina Department of Environmental and Natural Resources  
Tyler Black, North Carolina Wildlife Resources Commission

Attachments:

Revised North Carolina Fish and Other Aquatic Taxa Collection and Relocation Protocol for Instream  
Construction Activities