

**Dominion Energy Transmission, Inc.**

707 East Main Street, Richmond, VA 23219



February 12, 2018

Kimberly D. Bose, Secretary  
 Federal Energy Regulatory Commission  
 888 First Street, N.E.  
 Washington, D.C. 20426

**Re: Atlantic Coast Pipeline, LLC & Dominion Energy Transmission, Inc.  
 Atlantic Coast Pipeline  
 Docket Nos. CP15-554-000 & CP15-554-001  
 Request for Limited Notice to Proceed**

Dear Secretary Bose:

By Order dated October 13, 2017, the Federal Energy Regulatory Commission (Commission or FERC) authorized Atlantic Coast Pipeline, LLC (Atlantic) and Dominion Energy Transmission, Inc.<sup>1</sup> (DETI) to construct and operate certain facilities that comprise the Atlantic Coast Pipeline and Supply Header Projects (ACP and SHP; “Projects” collectively). *Atlantic Coast Pipeline, LLC & Dominion Energy Transmission, Inc.* 161 FERC ¶ 61,042 (the “Order”).

As required under Environmental Condition No. 6 of the Order, Atlantic and DETI submitted its Implementation Plan (IP) on October 17, 2017 (FERC Accession Number: 20171018-5002). On January 19, 2018, FERC issued a Partial Notice to Proceed with limited pre-construction upland tree felling (FERC Accession Number: 20180119-3052).

DETI hereby requests written authorization from the Director of the Office of Energy Projects (OEP) for a limited Notice to Proceed with the following ACP activities:

North Carolina

- Certificated workspace along the Right-of-Way (ROW) – mechanized felling and clearing of trees and vegetation in uplands and non-uplands
- Access roads – full construction in uplands and non-uplands
- Contractor Yards – full construction in uplands and non-uplands

Virginia

- Certificated workspace along the ROW – non-mechanized felling of trees and cutting of vegetation in non-uplands (non-mechanized tree felling has already been granted in uplands), specifically excluding any certificated workspace located on National Forest Service lands
- Access roads – non-mechanized felling of trees and cutting of vegetation in uplands and non-uplands, specifically excluding any certificated workspace located on National Forest Service lands
- Contractor yards – non-mechanized felling of trees and cutting of vegetation in uplands and non-uplands, none of which are located on National Forest Service lands

<sup>1</sup> On May 12, 2017, Dominion Transmission, Inc. changed its name to Dominion Energy Transmission, Inc.

West Virginia

- Certificated workspace along the ROW – mechanized felling and clearing of trees and vegetation, in uplands and non-uplands, specifically excluding any certificated workspace located on National Forest Service lands
- Access Roads – full construction in uplands and non-uplands, specifically excluding any certificated workspace located on National Forest Service lands
- Contractor Yards – full construction in uplands and non-uplands, none of which are located on National Forest Service lands

The required permits for all of the activities requested herein have been received. Consultation with the U.S. Fish and Wildlife Service (USFWS) pursuant to Section 7 of the Endangered Species Act was completed with the issuance of the Biological Opinion on October 16, 2017 (FERC Accession Number: 20171103-3008). The consultation process required under Section 106 of the National Historic Preservation Act was completed with the execution of the Programmatic Agreement on January 19, 2018 (FERC Accession Number: 20180119-3012).

In North Carolina, the U.S. Army Corps of Engineers (USACE) Wilmington District permit pursuant to Section 404 of the Clean Water Act was issued on February 9, 2018 and is provided in Attachment A. The North Carolina Department of Environmental Quality issued its Water Quality Certificate under Section 401 of the Clean Water Act on January 26, 2018 (FERC Accession Number: 20180202-5182).

In Virginia, the USACE Norfolk District issued the permit pursuant to Section 404 of the Clean Water Act, along with the permit pursuant to Section 107 of the River and Harbor Act (Section 408 Permission)<sup>2</sup>, on February 9, 2018. These permits are provided in Attachment A. Further, the Virginia State Water Quality Certification under Section 401 of the Clean Water Act for non-uplands was issued concurrent with the USACE Section 404 permit (see Attachment A).

The Virginia State Water Quality Certification under Section 401 of the Clean Water Act for uplands was approved by the Virginia State Water Control Board on December 12, 2017, and will become effective upon the satisfaction of certain conditions specified therein. The Virginia Department of Environmental Quality (VDEQ) previously confirmed in writing that tree felling by hand in upland areas is not regulated under this certification (FERC Accession Number: 20171218-5008). Additionally, Attachment A contains written confirmation from the VDEQ that tree felling by hand in non-upland areas is not regulated under this certification.

The Commission has already granted non-mechanized tree felling in upland areas of the certificated workspace along the ROW in Virginia. With the receipt of these permits for non-uplands, and the VDEQ confirmation in Attachment A, DETI requests to conduct non-mechanized felling of non-upland trees and cutting of non-upland vegetation in the certificated workspace along the ROW in Virginia, as well as within certificated access roads and contractor yards in Virginia. Trees will be felled at or above ground level, using non-mechanized methods that will not rut soils or damage root systems. Non-mechanized is defined as the use of equipment that can be operated and carried by hand, by an individual. The contractors will not be allowed to use wheeled, tracked, or other similar types of ground-disturbing equipment. Felled trees will be left in place until all applicable permits and approvals are effective; a separate LNTP request has been filed with FERC; and FERC has issued a separate notice to proceed.

---

<sup>2</sup> The USACE Norfolk District Section 408 Permission letter is dated October 17, 2016, but it was held and issued on February 9, 2018, concurrent with the Section 404.

**Dominion Energy Transmission, Inc.**

707 East Main Street, Richmond, VA 23219

In West Virginia, the USACE Huntington and Pittsburgh Districts issued their permits pursuant to Section 404 of the Clean Water Act on February 7, 2018. The USACE Huntington District permit is provided in Attachment A, and the USACE Pittsburgh District was previously filed (FERC Accession Number: 20180207-5151). The West Virginia Department of Environmental Protection waived the 401 Water Quality Certificate requirements for Atlantic Coast Pipeline on December 6, 2017 (FERC Accession Number: 20171206-5117).

For work requested in certificated workspace along the ROW in all three states, Attachment B contains a table with pipeline stationing noting where non-mechanized tree felling was previously approved and where non-mechanized tree felling or mechanized felling and clearing of trees and vegetation is currently requested.

Attachment C contains a table of access roads where work is currently requested.

Attachment D contains a table of contractor/pipe yards where work is currently requested.

Non-mechanized felling of trees and cutting of vegetation, mechanized felling and clearing of trees and vegetation, and construction will occur on properties for which legal rights for access have been obtained.

DETI respectfully requests that this Limited Notice to Proceed be issued by **February 14, 2018** in order to comply with time-of-year restrictions for cutting trees and in keeping with the Projects' construction schedules.

If you have any questions, please contact me at 866-319-3382.

Respectfully submitted,

/s/ *Matthew R. Bley*

Matthew R. Bley  
Director Gas Transmission Certificates

cc: Mr. Kevin Bowman, FERC

encl(s)/



REPLY TO  
ATTENTION OF

**DEPARTMENT OF THE ARMY**  
HUNTINGTON DISTRICT, CORPS OF ENGINEERS  
502 EIGHTH STREET  
HUNTINGTON, WEST VIRGINIA 25701-2070

February 7, 2018

Regulatory Division  
Energy Resources Branch  
LRH-2014-00484-GBR

**NATIONWIDE PERMIT NO. 12 VERIFICATION**

Leslie Hartz  
Atlantic Coast Pipeline, LLC  
707 E Main Street, 19th Floor  
Richmond, Virginia 23219

Dear Mr. Hartz:

I refer to the Atlantic Coast Pipeline, LLC's request received on September 16, 2015 with an updated application received on September 18, 2017 and additional information received December 7, 2017 requesting a Department of the Army (DA) authorization to discharge dredged and/or fill material into waters of the United States (U.S.) in association with the Atlantic Coast Pipeline (ACP) Project. The proposed project will involve the construction of a 331.3-mile 42-inch natural gas pipeline in West Virginia, Virginia, and North Carolina. The ACP will cross the United States Army Corps of Engineers (Corps) Pittsburgh, Norfolk, Huntington, and Wilmington Districts regulatory boundaries. Approximately 37.4-miles of the proposed pipeline and approximately 61-miles of proposed access roads are located within the Huntington District's regulatory boundary in Randolph and Pocahontas Counties, West Virginia. The project has been assigned the following file number: LRH-2014-00484-GBR. Please reference this number on all future correspondence related to this proposed project.

The Corps' authority to regulate waters of the U.S. is based on the definitions and limits of jurisdiction contained in 33 CFR 328 and 33 CFR 329. Section 404 of the Clean Water Act (Section 404) requires a Department of the Army (DA) permit be obtained prior to discharging dredged or fill material into waters of the U.S., including wetlands. Section 10 of the Rivers and Harbors Act of 1899 (Section 10) requires a DA permit be obtained for any work in, on, over or under a navigable water.

***Nationwide Permit 12***

This project has been reviewed in accordance with Section 404 and Section 10. Based on your description of the proposed work, and other information available to us, it has been determined this project will involve activities subject to the requirements of Section 404 and Section 10.

-2-

In the submitted information you have requested a DA authorization to temporarily discharge dredged and/or fill material into 2,312 linear feet (0.21 acre) of ephemeral streams, 5,023 linear feet (0.53 acre) of intermittent streams, 1,544 linear feet (1.26 acres) of perennial streams 1.97 acres of palustrine emergent (PEM) wetlands, 0.23 acre of palustrine scrub-shrub (PSS) wetland and 0.10 acre of palustrine-forested (PFO) wetland and permanently discharge dredged and/or fill material into 432 linear feet (0.02 acre) of ephemeral streams, 236 linear feet (0.03 acre) of intermittent streams, 176 linear feet (0.07 acre) of perennial streams, 1.08 acres of PEM wetland, and 0.27 acre of PSS wetland at 153 separate and distant locations. There are 153 single and complete crossings in the portion of the proposed project located within the Huntington District's regulatory boundary, as shown on the enclosed Table titled *Single and Complete Crossings of Waters of the U.S. for the Atlantic Coast Pipeline within the U.S. Army Corps of Engineers – Huntington District*.

Based on the provided information, it has been determined the proposed discharge of dredged and/or fill material into waters of the U.S. in conjunction with the construction of the ACP meets the criteria for Nationwide Permit Number (NWP) 12 (enclosed) January 6, 2017 Federal Register, Issuance and Reissuance of NWPs (82 FR 1860) provided you comply with all terms and conditions of the enclosed material, the enclosed special conditions, and the general Section 401 Water Quality Certification issued by the West Virginia Department of Environmental Protection. A copy of this NWP can be found on our website at: <http://www.lrh.usace.army.mil/Missions/Regulatory.aspx>. A copy of this NWP and this letter should be supplied to your project engineer responsible for project activities and a copy kept at the site during project work. Please be aware this NWP verification does not obviate the requirement to obtain any state or local assent required by law for the activities.

This verification is valid until the expiration date of the NWPs, unless the NWP authorization is modified, suspended, or revoked. The verification will remain valid if the NWP authorization is reissued without modification or the activity complies with any subsequent modification of the NWP authorization. All of the existing NWPs are scheduled to be modified, reissued, or revoked on March 18, 2022. Prior to this date, it is not necessary to contact this office for re-verification of your project unless the plans for the proposed activity are modified. Furthermore, if you commence or under contract to commence this activity before March 18, 2022, you will have twelve (12) months from the date of the modification or revocation of the NWP to complete the activity under the present terms and conditions of this NWP.

-3-

Upon completion of the work, the enclosed certification must be signed and returned to this office. If you have any questions concerning the above, please contact Adam Fannin of the Energy Resource Branch at (304) 399-6901 or by email at [adam.e.fannin@usace.army.mil](mailto:adam.e.fannin@usace.army.mil).

Sincerely,

Teresa Spagna  
Chief, North Branch

Enclosures

cc:

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

Spencer Trichell  
Dominion Resources Services, Inc.  
5000 Dominion Boulevard  
Glenn Allen, Virginia 23060

Kevin Bowman  
Federal Energy Regulatory Commission  
888 First St. NE  
Washington, DC 20426

Steve Gibson  
U.S. Army Corps of Engineers  
Norfolk District  
803 Front Street  
Norfolk, Virginia 23510-1096

Samantha Dailey  
U.S. Army Corps of Engineers  
Regulatory Division  
3331 Heritage Trade Drive, Suite 105  
Wake Forest, NC 27587  
(919) 554-4884, Ext. 22

Mr. Josh Shaffer  
U.S. Army Corps of Engineers  
Pittsburgh District  
1000 Liberty Avenue  
Pittsburgh, Pennsylvania 15222

**Nationwide Permit 12 Verification Special Conditions**  
**Atlantic Coast Pipeline, LLC ACP Project**  
**LRH-2014-00484-GBR**

Page 1 of 4

1. This verification remains contingent upon the permittee's submitted Pre-Construction Notification (PCN) information regarding the scope and/or impacts of the project as described in Figure 1 titled *Atlantic Coast Pipeline Overview Map* and the aquatic resources identified in the enclosed Table titled *Single and Complete Crossings of Waters of the U.S. for the Atlantic Coast Pipeline within the U.S. Army Corps of Engineers – Huntington District*. Should new information regarding the scope and/or impacts of the project become available that was not submitted to this office during our review of the proposal, the permittee must submit written information concerning proposed modification(s) to this office for review and evaluation, as soon as practicable.

The permittee must complete wetland and stream investigations on all desktop evaluated aquatic resources, as identified in the enclosed Table titled *Single and Complete Crossings of Waters of the U.S. for the Atlantic Coast Pipeline within the U.S. Army Corps of Engineers – Huntington District*, once access is granted. The permittee must submit to the Huntington District the information gathered during the field reconnaissance, including data forms, photographs, impact analysis and mitigation requirements, prior to the discharge of dredged and/or fill material into these desktop evaluated resources. If additional mitigation is necessary, the permittee will purchase the required mitigation credits prior to the discharge of dredged and/or fill material into waters of the United States.

2. The permittee is required to apply for and secure all necessary permits, certifications or other approvals from Federal, State and/or local regulatory agencies, prior to commencing the construction activity. These other Federal, State and/or local approvals and all conditions attached to or contained therein are hereby incorporated by reference as being special conditions of this verification.
3. Enclosed is a copy of Nationwide Permit 12, which will be kept at the site during construction. A copy of the nationwide permit verification, special conditions, and the submitted construction plans must be kept at the site during construction. The permittee will supply a copy of these documents to their project engineer responsible for construction activities.
4. Construction activities will be performed during low flow conditions to the greatest extent practicable. Additionally, appropriate site specific best management practices for sediment and erosion control will be fully implemented during construction activities. The permittee shall ensure avoided stream and riparian upland buffers are adequately flagged and/or staked before construction activities to ensure these areas

**Nationwide Permit 12 Verification Special Conditions**  
**Atlantic Coast Pipeline, LLC ACP Project**  
**LRH-2014-00484-GBR**

Page 2 of 4

are not inadvertently impacted pre-, during- or post-construction and follow the *Wetland and Waterbody Construction and Mitigation Procedures* and the *Upland Erosion Control, Revegetation Plan, and Maintenance Plan* established by the Federal Energy Regulatory Commission.

5. Completion of stream and wetland crossings must adhere to the dates established in the Standard Conditions of the State 401 Water Quality Certification applicable to the Nationwide Permits, including the established restrictions during the spawning season for warm water streams and their adjacent tributaries (April to June) and trout waters and their adjacent tributaries (September 15 to March 31) or in accordance with any applicable timing restriction waivers issued by the State of West Virginia. For waiver requests, the permittee must contact the West Virginia Division of Natural Resources Coordination Unit, at (304) 637-0245. For information about specific stream designations, the permittee must contact the West Virginia Department of Environmental Protection, Water Quality Standards Section at (304) 926-0495.
6. At each stream crossing, substrate in the channel will be removed and stockpiled separately from other excavated material. This native material must be reused in restoration of the stream channel and, upon final stream bed restoration, the stream must have similar substrate pattern, profile, dimension and embeddedness of the original stream channel. At each wetland crossing, the top 12 inches of soil will be removed and stockpiled separately from other excavated material. This native material must be reused in restoration of the wetland.
7. The permittee will document pre- and post-construction activities through photographs, both upstream and downstream of each channel and each bank. A minimum of four (4) photographs per stream crossing will be taken. For the major streams, as defined by the Federal Energy Regulatory Commission, additional photographs of the streams' banks will be taken for a minimum of six (6) photographs. For wetland crossings, the permittee will document prior to construction through photographs of the wetland with the Right of Way (ROW), the ROW as it enters the wetland, and the ROW as it exits the wetland will be obtained by the permittee. All photographs are to be geo-referenced and identified to correspond with aquatic feature names as described in the Table titled *Single and Complete Crossings of Waters of the U.S. for the Atlantic Coast Pipeline within the U.S. Army Corps of Engineers – Huntington District* with a date of the photograph taken and corresponding GPS coordinates. Upon completion of construction and reclamation of each stream and wetland crossing, associated photographs must be taken in the same manner and locations as pre-impact existing conditions with



**Nationwide Permit 12 Verification Special Conditions**  
**Atlantic Coast Pipeline, LLC ACP Project**  
**LRH-2014-00484-GBR**

Page 3 of 4

narrative documentation that the area has been returned to pre-construction contours. The pre- and post-construction photographs associated with each stream and wetland crossing must be submitted to the Huntington District along with the enclosed "Activity Completion Certification."

8. The permittee will submit post-construction reports upon completion of the activities conducted within waters subject to Section 10 of the Rivers and Harbors Act of 1899 (Section 10) to document the restoration of the stream to pre-construction contours. One Section 10 river falls within the project within the Huntington District falling within the project boundary includes the Greenbrier River. Post-construction reports will include in-stream habitat and bank characteristics. The reports will include obtaining post-construction data consistent with methods used to document pre-construction conditions provided by the permittee for the above Section 10 stream crossing. The permittee will provide post-construction documentation that streams have similar substrate pattern, profile, dimension and embeddedness of the original stream channels.
9. The permittee understands and agrees that, if future operations by the United States require the removal, relocation, or other alteration, of the structure or work herein authorized, or if, in the opinion of the Secretary of the Army or his authorized representative, said structure or work shall cause unreasonable obstruction to the free navigation of the navigable waters, the permittee will be required, upon due notice from the United States Army Corps of Engineers, to remove, relocate, or alter the structural work or obstructions caused thereby, without expense to the United States. No claim shall be made against the United States on account of any such removal or alteration. The permittee is solely responsible for insuring all activities are performed in compliance with all permit conditions.
10. The authorized work shall not interfere with the public's right to free navigation on navigable waters of the United States. The permittee will provide a site-specific spill response plan for the Greenbrier River crossing.
11. The permittee will purchase stream and wetland mitigation credits from multiple federally-approved mitigation bank(s) and the West Virginia In-Lieu Fee Program as indicated on the below Table as excerpted from the applicant's compensatory mitigation plan. The permittee will submit confirmation to the Corps, Huntington District (Permit Number LRH-2014-00484) of the purchase of the mitigation credits prior to the discharge of dredged and/or fill material into waters of the United States.

**Nationwide Permit 12 Verification Special Conditions  
Atlantic Coast Pipeline, LLC ACP Project  
LRH-2014-00484-GBR**

Page 4 of 4

Table 4: ACP West Virginia Mitigation Summary (Continued)						
MITIGATION						
Resource	Mitigation Credit Needs	Bank Credits		ILF Credits		Total Credits Delivered
Stream	1,009.44	0.00		Tygart Valley	339.46	1,009.44*
				West Fork	95.06	
				Elk	295.91	
				Greenbrier	279.02	
Wetland	3.310	Tygart Valley Bank Beverly #1 Bank	1.580 1.350	Greenbrier	0.380	3.310

*\*Individual impacts were aggregated and summed, resulting in a rounding discrepancy of 0.01 acres in the total impacts calculated.*

12. In the event any previously unknown historic or archaeological sites or human remains are uncovered while accomplishing the authorized activity, the permittee must cease all work in waters of the United States immediately and contact local, state and county law enforcement offices (only contact law enforcement on findings of human remains), the Corps at (304) 399-5210 and West Virginia State Historic Preservation Office at (304) 558-0220. The FERC will initiate the Federal, state and tribal coordination required to comply with the National Historic Preservation Act and the applicable state and local laws and regulations. Federally recognized tribes are afforded a government-to-government status as sovereign nations and consultations are required under Executive Order 13175 and 36 CFR Part 800.
  
13. The United States Fish and Wildlife Service (USFWS) Biological Opinion for the Atlantic Coast Pipeline, LLC; Docket Numbers CP15-554-000, CP15-554-001, CP15-555-000; Project #05E2VA00-2016-F-1219, #05E2WV00-2014-F-0832, #05E2PA00-2016-TA-0960, #04EN2000-2017-I-0738 (BO) and dated October 16, 2017 contains mandatory terms and conditions to implement the reasonable and prudent measures that are associated with “incidental take” that is also specified in the BO. The permittee’s authorization under this Corps nationwide permit verification is conditional upon their compliance with all of the mandatory terms and conditions associated with the incidental take of the BO, which terms and conditions are incorporated by reference as being special conditions of the Section 404 and Section 10 nationwide permit verification. Section 7 obligations under Endangered Species Act must be reconsidered if new information reveals impacts of the project that may affect federally listed species or critical habitat in a manner not previously considered, the proposed project is subsequently modified to include activities which were not considered during Section 7 consultation with the United States Fish and Wildlife Service, or new species are listed or critical habitat designated that might be affected by the subject project. The USFWS is the appropriate authority to determine compliance with the terms and conditions of its BO, and with the Endangered Species Act.



DEPARTMENT OF THE ARMY  
US ARMY CORPS OF ENGINEERS  
NORFOLK DISTRICT  
FORT NORFOLK  
803 FRONT STREET  
NORFOLK VA 23510-1011

February 9, 2018

Eastern Virginia Regulatory Section

Mrs. Leslie Hartz, Atlantic Coast Pipeline, LLC  
707 East Main Street, 19<sup>th</sup> Floor  
Richmond, Virginia 23219

Dear Mrs. Hartz:

This is in regard to your request for Department of the Army permit authorization, number NAO-2014-1749 (VMRC #15-1353) to permanently impact approximately 80.76 acres of wetlands (total wetland loss = 0.96 acres, total wetland conversion = 79.80 acres) and 2,077 linear feet of stream and to temporarily impact 111,835 linear feet of stream, 216.65 acres of wetlands and 0.81 acres of open water. Impacts will occur to facilitate the installation of pipeline at 889 separate crossings within the Commonwealth of Virginia along a 307.1 mile natural gas pipeline known as the Atlantic Coast Pipeline (ACP).

The proposed ACP project within Virginia consists of approximately 234.6 miles of 42-inch outside diameter pipeline (AP-1) with 3 lateral spurs (AP-3, AP-4, and AP-5). AP-1 enters Virginia in Highland County and continues southeast through Highland, Bath, Augusta, Nelson, Buckingham, Cumberland, Prince Edward, Nottoway, Dinwiddie, Brunswick, and Greenville Counties. AP-1 would terminate approximately 200 feet south of the state/commonwealth line in Northampton County, North Carolina at proposed Compressor Station 3 (CS-3). The AP-3 lateral, consists of 20-inch outside diameter pipeline, originating at CS-3 and extending east/northeast for approximately 71.1 miles within Virginia, crossing through Greenville and Southampton Counties, and the Cities of Suffolk and Chesapeake terminating with a connection to an existing Virginia Natural Gas pipeline in the City of Chesapeake. The AP-4 lateral consists of a 16-inch outside diameter pipeline originating at approximately milepost (MP) 279.6 of the AP-1 mainline in Brunswick County, Virginia and extending approximately 0.4 mile due west to a new interconnect with the Dominion Energy Virginia (DEV) Brunswick electric generating facility currently under construction. The AP-5 lateral consist of a 16-inch outside diameter pipeline originating at approximately MP 284.4 of the AP-1 mainline in Greenville County, Virginia and extending approximately 1 mile to the south/southwest to an interconnection with a DEV electric generating facility currently under construction.

The individual impacts are further detailed on the enclosed drawings entitled "Atlantic Coast Pipeline," July 13, 2017, Figures A-3 Topographic Maps, July 13, 2017, A-4 Aerial Sheet Maps, and October 24, 2017, South Branch Elizabeth River M&R Station revision map, prepared and submitted on behalf of the applicant by ERM (attached).

Your proposed work as outlined above satisfies the criteria contained in the Corps Nationwide Permit 12, attached. The Corps Nationwide Permits were published in the January 6, 2017, Federal Register notice (82 FR 1860) and the regulations governing their use can be found in 33 CFR 330 published in Volume 56, Number 226 of the Federal Register dated November 22, 1991.

This nationwide permit verification is contingent upon the following project specific conditions:

Special Conditions:

1. This verification remains contingent upon the permittee's submitted Pre-Construction Notification (PCN) information regarding the scope and/or impacts of the proposed activities as described in the enclosed Table B-1, titled *Wetland and Waterbody Crossings for the Atlantic Coast Pipeline within the U.S. Army Corps of Engineers – Norfolk District*. Should new information regarding the scope and/or impacts of the proposed activities become available that was not submitted to this office during our review of the proposal, the permittee must submit written information concerning proposed modification(s) to this office for review and evaluation, as soon as practicable.
2. Except as modified by Special Condition 10, the Permittee shall perform all work in jurisdictional waters and wetlands in compliance with the attached typical construction plans and cross section drawings provided by Environmental Resources Managers for the Atlantic Coast Pipeline.
3. The Permittee shall submit to the Corps purchase bills of sale for all compensatory mitigation credit to be applied toward impacts in a particular 8-digit HUC (Reference attachment: Attachment C\_20180103 USACE NAO Final) prior to conducting any work within that HUC authorized under this verification). Please submit documentation to: [steven.w.gibson@usace.army.mil](mailto:steven.w.gibson@usace.army.mil).
4. Prior to undertaking any activities in the following HUC's (02080201, 02080202, 03010201, 03010202 and 03010204) and approved under this authorization, the Permittee must receive written Corps approval of final plans for the Permittee-Responsible Mitigation (PRM) to be applied to impacts within the respective HUC (Reference attachment: Attachment C\_20180103 USACE NAO Final Mitigation Plan).
5. The Permittee shall ensure that all PRM monitoring and performance standards are met or exceeded at PRM sites. Should all or any part of the PRM site fail to meet established success criteria for three (3) consecutive monitoring periods, the Permittee

will purchase from an approved and appropriate Mitigation Bank or In Lieu Fee Program sufficient credit to offset that failed portion.

6. The Permittee shall ensure that all waters and wetlands are flagged in the field prior to any construction to prevent accidental impact to resources not necessary for construction.

7. The Permittee shall remove all temporary stream construction entrances within 15 days following completion of all work for which the construction entrance is required.

8. The Permittee shall replace to pre-project contours, stabilize, and re-seeded all stream banks, riparian areas, and wetlands disturbed at each crossing within 15 days following completion of all construction activities at the crossing.

9. Upon completion of the project the Permittee shall submit to the Corps as-built plans.

10. Actual construction activities (discharges, excavation, etc.) at any given crossing will be limited to 75 linear feet. Total work limit widths at stream crossings may exceed 75 feet but impacts to additional linear footage above 75 feet will be limited to dewatering. This limitation shall be carried out 50 feet on either side of the Waters of the US to limit impacts to the aquatic resource. This limit is waived at any specific crossing where the Virginia Department of Environmental Quality grants an individual waiver.

11. One month after all authorized work is completed, and again at the end of the first full growing season (no later than October 31) after all authorized work has been completed, the Permittee shall inspect all authorized stream and wetland crossings sites that have been temporarily impacted in order to verify that excess fill material has been removed and that the site has been restored to pre-existing conditions and contours. These monitoring events shall be summarized in a single report containing:

- a. A statement of whether all excess fill has been removed.
- b. A description of the status of vegetative growth in the impacted wetlands/stream

12. The Permittee shall adhere to any special conditions of the attached 408 permission letter (33 USC 408).

Provided the project specific conditions (above) and the Nationwide Permit General Conditions (enclosed) are met, an individual Department of the Army Permit will not be required. In addition, the Virginia Department of Environmental Quality has provided a

conditional §401 Water Quality Certification for Nationwide Permit Number 12. A permit may be required from the Virginia Marine Resources Commission and/or your local wetlands board, and this verification is not valid until you obtain their approval, if necessary. This authorization does not relieve your responsibility to comply with local requirements pursuant to the Chesapeake Bay Preservation Act (CBPA), nor does it supersede local government authority and responsibilities pursuant to the Act. You should contact your local government before you begin work to find out how the CBPA applies to your project.

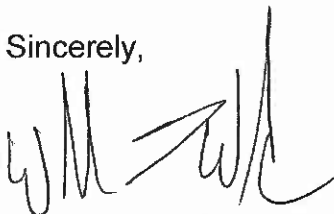
Enclosed is a "compliance certification" form, which must be signed and returned within 30 days of completion of the project, including any required mitigation. Your signature on this form certifies that you have completed the work in accordance with the nationwide permit terms and conditions.

This verification is valid until the NWP is modified, reissued, or revoked. All of the existing NWPs are scheduled to be modified, reissued, or revoked prior to March 18, 2022. It is incumbent upon you to remain informed of changes to the NWPs. We will issue a public notice when the NWPs are reissued. Furthermore, if you commence or are under contract to commence this activity before the date that the relevant nationwide permit is modified or revoked, you will have twelve (12) months from the date of the modification or revocation of the NWP to complete the activity under the present terms and conditions of this nationwide permit unless discretionary authority has been exercised on a case-by-case basis to modify, suspend, or revoke the authorization in accordance with 33 CFR 330.4(e) and 33 CFR 330.5 (c) or (d). Project specific conditions listed in this letter continue to remain in effect after the NWP verification expires, unless the district engineer removes those conditions. Activities completed under the authorization of an NWP which was in effect at the time the activity was completed continue to be authorized by that NWP.

In granting an authorization pursuant to this permit, the Norfolk District has relied on the information and data provided by the permittee. If, subsequent to notification by the Corps that a project qualifies for this permit, such information and data prove to be materially false or materially incomplete, the authorization may be suspended or revoked, in whole or in part, and/or the Government may institute appropriate legal proceedings.

If you have any questions and/or concerns about this permit authorization, please contact Mr. Steve Gibson via telephone at 757-201-7418 or via email at [Steven.W.Gibson@usace.army.mil](mailto:Steven.W.Gibson@usace.army.mil).

Sincerely,

A handwritten signature in black ink, appearing to read 'W. T. Walker', with a stylized flourish at the end.

William T. Walker  
Chief, Norfolk District Regulatory Branch

Enclosure(s)

cc:  
Federal Energy Regulatory Commission  
Virginia Marine Resources Commission  
Department of Environmental Quality



DEPARTMENT OF THE ARMY  
US ARMY CORPS OF ENGINEERS  
NORFOLK DISTRICT  
FORT NORFOLK  
803 FRONT STREET  
NORFOLK VA 23510-1011

OCT 17 2016

Executive Office

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

Dear Mr. Gangle:

In accordance with Engineering Circular 1165-2-216, the U.S. Army Corps of Engineers (USACE), Norfolk District, performed an evaluation of your request (NAO-2014-01749) for the proposed horizontal directional drill placement of new gas pipelines crossing the Main and Western Branches of the Nansemond River in the City of Suffolk, Virginia and the Southern Branch of the Elizabeth River in the City of Chesapeake, Virginia.

Based on this evaluation, I determined the requested gas pipeline placement effectively alters portions of the Nansemond River and Southern Branch of the Elizabeth River Federal navigation projects operated and maintained by the USACE. Therefore, pursuant to Section 14 of the Rivers and Harbors Act of 1899, 33 USC 408 (Section 408), you must obtain my permission to alter the projects.

While I have determined that your proposed gas pipeline construction activity may alter the federal projects, the proposed work does not impair the usefulness of the projects, nor harm the public interest. Therefore, I hereby grant your request to alter the Nansemond River and Southern Branch of the Elizabeth River Federal navigation projects, provided you adhere to the following conditions:

- a. Obtain all applicable federal, state, and local permits required to perform the requested construction activity prior to construction.
- b. Upon completion of the pipeline construction, Dominion Resources Services, Inc., shall perform as-built surveys at the three site crossings, clearly indicating the location of the gas pipeline in relation to the federal navigation project. The as-built surveys shall be performed and submitted to the references and standards to be established by the Chief, Operations Branch, Norfolk District at the time of the surveys. The as-built surveys will also indicate the top-of-the-pipe elevation at each of the three site crossings. Digital copies of the surveys shall be provided to the Chief, Operations Branch within 60 days of completion of the surveys.

For any questions regarding this evaluation, please contact Mr. Gregory C. Steele, Chief, Water Resources Division and Section 408 Coordinator at (757) 201-7764.

Sincerely,

  
Jason E. Kelly, PMP  
Colonel, U.S. Army  
Commanding





**DEPARTMENT OF THE ARMY**  
WILMINGTON DISTRICT, CORPS OF ENGINEERS  
69 DARLINGTON AVENUE  
WILMINGTON, NORTH CAROLINA 28403-1343

February 9, 2018

Regulatory Division

Re: Atlantic Coast Pipeline: Nationwide Permit 12 Verification: SAW-2014-01558

Ms. Leslie Hartz  
Atlantic Coast Pipeline, LLC  
707 E Main Street, 19<sup>th</sup> Floor  
Richmond, Virginia 23219

Dear Ms. Hartz:

This letter is to inform you that the Wilmington District, Corps of Engineers (Corps) has reviewed your Department of the Army permit application number SAW-2014-01558, requesting authorization to discharge dredged and/or fill material into waters of the United States subject to our regulatory authority pursuant to Section 404 of the Clean Water Act in conjunction with the construction of the Atlantic Coast Pipeline (ACP). In addition, authorization is being requested to install portions of the pipeline under navigable waters of the United States subject to our regulatory authority pursuant to Section 10 of the Rivers and Harbors Act of 1899. Installation of the ACP in NC will result in the permanent discharge of fill material into 0.8 acres of wetland and 766 linear feet of stream channel; the temporary discharge of fill material into 453.49 acres of wetland and 37,677 linear feet of stream channel; and the permanent conversion of 154.84 acres of wetland, at 552 single and complete crossings. Construction sequencing drawings and a detailed description of the impacts are enclosed with this letter as Special Conditions 1 and 2.

A short segment of the AP-1 mainline, approximately 200 feet in length and originating in Virginia, would occur in North Carolina. There would be no discharge of dredged and/or fill material into waters of the United States associated with the ACP portion of the AP-1 mainline.

The AP-2 mainline, which would consist of 36-inch outside diameter pipeline, would originate at the southern terminus of AP-1 at Compressor Station 3 in Northampton County, North Carolina. From this point, the pipeline would extend to the southwest crossing through Northampton, Halifax, Nash, Wilson, and Johnston Counties, passing west of Rocky Mount, in Nash County, west of Wilson in Wilson County, and east of Selma in Johnston County. At the Johnston/Sampson County line, the pipeline would turn west/southwest and continue through Sampson County and southeast of Fayetteville in Cumberland County, before terminating at a new interconnect with an existing Piedmont distribution pipeline in Robeson County, North Carolina. Approximately 186.0 miles of the AP-2 mainline occurs in North Carolina.



The AP-3 pipeline lateral, which would consist of approximately 83.2 miles of 20-inch outside diameter pipeline, would originate at Compressor Station 3 in Northampton County, North Carolina, and extend approximately 12.2 miles to the east/northeast to the Virginia State line. AP-3 would then continue northeast approximately 71 miles through various counties in Virginia, terminating at a new interconnect with an existing Virginia Natural Gas pipeline on the east side of the Southern branch Elizabeth River in the City of Chesapeake.

In order to offset unavoidable impacts to waters of the United States, you have proposed the purchase of stream and wetland credits from the Barra Farms II Mitigation Bank, the Lower Cape Fear Umbrella Mitigation Bank (Sneeden and White Spring Tracts), and the North Carolina Division of Mitigation Services In-Lieu Fee Program, in nine 8-digit Hydrologic Unit Codes (HUC). You will also provide on-site, in-kind, permittee responsible mitigation for one 8-digit HUC.

Based on your description of work, it has been determined the proposed discharge of dredged and/or fill material into waters of the United States for the construction of the Atlantic Coast Pipeline meets the criteria for authorization under Nationwide Permit (NWP) #12 under the January 6, 2017, Federal Register, Notice of Reissuance of NWPs (82 FR 1860), provided you comply with all terms and conditions of the NWPs, including the enclosed Regional and Special Conditions.

It is your responsibility to ensure that your work conforms to all of the conditions listed within the enclosed material. Please be aware this NWP verification does not obviate the requirement to obtain any state or local assent required by law for the activities.

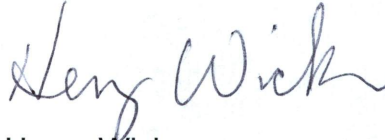
This verification is valid until the NWP is modified, reissued, or revoked. All of the existing NWPs are scheduled to be modified, reissued, or revoked prior to March 18, 2022. It is incumbent upon you to remain informed of changes to the NWPs. We will issue a public notice when the NWPs are reissued. Furthermore, if you commence or are under contract to commence this activity before the date that the relevant nationwide permit is modified or revoked, you will have twelve (12) months from the date of the modification or revocation of the NWP to complete the activity under the present terms and conditions of this nationwide permit unless discretionary authority has been exercised on a case-by-case basis to modify, suspend, or revoke the authorization in accordance with 33 CFR 330.4(e) and 33 CFR 330.5 (c) or (d). Project specific conditions listed in this letter continue to remain in effect after the NWP verification expires, unless the district engineer removes those conditions. Activities completed under the authorization of an NWP which was in effect at the time the activity was completed continue to be authorized by that NWP.

A copy of this NWP and verification letter must be supplied to your project engineer responsible for construction activities. A copy of the verification letter must be



kept at the site during construction. Upon completion of the work, the enclosed certification must be signed and returned to this office. If you have any questions concerning the above, please contact Ms. Samantha Dailey at (919) 554-4884, ext. 22 or by email at [Samantha.J.Dailey@usace.army.mil](mailto:Samantha.J.Dailey@usace.army.mil).

Sincerely,

A handwritten signature in dark ink, appearing to read "Henry Wicker". The signature is fluid and cursive, with the first name "Henry" and last name "Wicker" clearly distinguishable.

Henry Wicker  
Deputy Chief Regulatory Division  
Wilmington District

Enclosures:

- 1). Project location map
- 2). NWP 12 and its' General and Regional Conditions, and Special Conditions
- 3). Table B-1 describing stream and wetland crossings authorized by this NWP
- 4). Typical Construction Plans and Cross Sections
- 5). Mitigation Transfer Forms
- 6). Compliance Certification Form

**From:** Golden, James (DEQ) [<mailto:James.Golden@deq.virginia.gov>]  
**Sent:** Monday, February 12, 2018 3:21 PM  
**To:** Richard B Gangle (Services - 6)  
**Cc:** Spencer Trichell (Services - 6); Davenport, Melanie (DEQ)  
**Subject:** [External] RE: Non-Upland Tree Felling

Richard,

The VA Department of Environmental Quality does not regulate tree felling by hand in non-upland areas under any of the Department's regulatory programs provided no land disturbance occurs. This includes areas covered under the Nationwide Permit 12.

The felling of trees with chainsaws does not constitute a "man-made change to the land surface" and therefore does not meet the definition of "Land disturbance" under the Stormwater Management Act (62.1-44.15:24) and the Erosion and Sediment Control Law (62.1-44.15:51). Any activities associated with the felling of trees that may result in soil erosion is considered a land disturbance. These activities include but are not limited to the removal of cut trees, grubbing, clearing, and grading. Activities that cause more than 10,000 ft<sup>2</sup> of land disturbance (2500 ft<sup>2</sup> within a Chesapeake Bay Preservation Act area) require an approved Erosion and Sediment Control Plan. Additionally, activities that cause more than 1 acre of land disturbance (2500 ft<sup>2</sup> within a Chesapeake Bay Preservation Act area) require an approved Stormwater Management Plan.

Due to the level of public interest in this project, and to facilitate the DEQ's ability to respond to public inquiries and conduct any potential complaint investigations, we request that you continue to provide general notification of any tree felling activities to the agency prior to initiation.

Thanks.

James J. Golden  
DEQ Director of Operations  
(804)698-4220  
[james.golden@deq.virginia.gov](mailto:james.golden@deq.virginia.gov)

**From:** Richard B Gangle [<mailto:richard.b.gangle@dominionenergy.com>]  
**Sent:** Monday, February 12, 2018 10:28 AM  
**To:** Golden, James (DEQ) <[James.Golden@deq.virginia.gov](mailto:James.Golden@deq.virginia.gov)>  
**Cc:** Spencer Trichell <[Spencer.Trichell@dominionenergy.com](mailto:Spencer.Trichell@dominionenergy.com)>  
**Subject:** Non-Upland Tree Felling

Last week, the Norfolk District of the Army Corps of Engineers authorized coverage for the portion of ACP in VA under Nationwide Permit 12 (NWP-12). In addition, the conditional VA 401 Water Quality Certification for NWP 12 was provided. As such, Atlantic plans to begin non-mechanized tree felling within non-upland areas in VA covered by the NWP 12 authorization. I am requesting confirmation that VADEQ does not regulate tree felling by hand within non-upland areas under the Upland 401 Water Quality Certification (17-002) issued for the project.

Please let me know if you have any questions or wish to discuss. Thanks

Richard Gangle  
Dominion Energy, Inc.  
Phone: 804-273-2814  
Cell: 804-229-7026

---

Attachment B  
Notice to Proceed Table

Pipeline	Start Construction Milepost	End Construction Milepost	Start Station	End Station	Tree Felling Activity	Tree Clearing Activity	Construction Activity	Beginning State	Ending State	Beginning Spread	Ending Spread	Drawing Number	Beginning Sheet Number	Ending Sheet Number	Comments
AP-1	0.0	0.6	0+00	32+32	NTP Requested 2/12/18	NTP Requested 2/12/18	Not Yet Requested	WV	WV	1-1	1-1	1778-TR-DG-7105	1	2	
AP-1	0.6	5.9	32+32	311+58	Approved 1/19/18	NTP Requested 2/12/18	Not Yet Requested	WV	WV	1-1	1-1	1778-TR-DG-7105	2	9	
AP-1	5.9	6.4	311+58	338+00	NTP Requested 2/12/18	NTP Requested 2/12/18	Not Yet Requested	WV	WV	1-1	1-1	1778-TR-DG-7105	9	10	
AP-1	6.4	10.8	338+00	568+94	Approved 1/19/18	NTP Requested 2/12/18	Not Yet Requested	WV	WV	1-1	1-1	1778-TR-DG-7105	10	16	
AP-1	10.8	11.0	568+94	579+23	NTP Requested 2/12/18	NTP Requested 2/12/18	Not Yet Requested	WV	WV	1-1	1-1	1778-TR-DG-7105	16	16	
AP-1	11.0	14.7	579+23	774+46	Approved 1/19/18	NTP Requested 2/12/18	Not Yet Requested	WV	WV	1-1	1-1	1778-TR-DG-7105	16	22	
AP-1	14.7	14.9	774+46	784+84	NTP Requested 2/12/18	NTP Requested 2/12/18	Not Yet Requested	WV	WV	1-1	1-1	1778-TR-DG-7105	22	22	
AP-1	14.9	17.3	784+84	909+31	Approved 1/19/18	NTP Requested 2/12/18	Not Yet Requested	WV	WV	1-1	1-1	1778-TR-DG-7105	22	25	
AP-1	17.3	31.7			Not Yet Requested	Not Yet Requested	Not Yet Requested	WV	WV	1-2	1-2				2019 Construction
AP-1	31.7	37.4	1653+72	1951+78	Approved 1/19/18	NTP Requested 2/12/18	Not Yet Requested	WV	WV	2-1	2-1	1778-TR-DG-7101	1	8	
AP-1	37.4	37.8	1951+78	1970+26	NTP Requested 2/12/18	NTP Requested 2/12/18	Not Yet Requested	WV	WV	2-1	2-1	1778-TR-DG-7101	8	9	
AP-1	37.8	40.8	1970+26	2129+56	Approved 1/19/18	NTP Requested 2/12/18	Not Yet Requested	WV	WV	2-1	2-1	1778-TR-DG-7101	9	13	
AP-1	40.8	41.7	2129+56	2176+55	NTP Requested 2/12/18	NTP Requested 2/12/18	Not Yet Requested	WV	WV	2-1	2-1	1778-TR-DG-7101	13	14	
AP-1	41.7	47.4	2176+55	2481+57	Approved 1/19/18	NTP Requested 2/12/18	Not Yet Requested	WV	WV	2-1	2-1	1778-TR-DG-7101	14	23	
AP-1	47.4	56.2			Not Yet Requested	Not Yet Requested	Not Yet Requested	WV	WV	2-2	2-2				2019 Construction
AP-1	56.2	57.7	3136+85	3254+18	Approved 1/19/18	NTP Requested 2/12/18	Not Yet Requested	WV	WV	2A	2A	1778-TR-DG-7103	1	4	
AP-1	57.7	59.2	3254+18	3374+54	NTP Requested 2/12/18	NTP Requested 2/12/18	Not Yet Requested	WV	WV	2A	2A	1778-TR-DG-7103	4	8	
AP-1	59.2	60.1	3374+54	3448+61	Approved 1/19/18	NTP Requested 2/12/18	Not Yet Requested	WV	WV	2A	2A	1778-TR-DG-7103	8	10	
AP-1	60.1	60.7	3448+61	3492+41	NTP Requested 2/12/18	NTP Requested 2/12/18	Not Yet Requested	WV	WV	2A	2A	1778-TR-DG-7103	10	11	
AP-1	60.7	65.6	3492+41	3788+74	Approved 1/19/18	NTP Requested 2/12/18	Not Yet Requested	WV	WV	2A	2A	1778-TR-DG-7103	11	21	
AP-1	65.6	67.5	3788+74	3919+36	NTP Requested 2/12/18	NTP Requested 2/12/18	Not Yet Requested	WV	WV	2A	2A	1778-TR-DG-7103	21	25	
AP-1	67.5	67.7	3919+36	3933+44	Approved 1/19/18	NTP Requested 2/12/18	Not Yet Requested	WV	WV	2A	2A	1778-TR-DG-7103	25	25	
AP-1	67.7	69.1	3933+44	4038+17	NTP Requested 2/12/18	NTP Requested 2/12/18	Not Yet Requested	WV	WV	2A	2A	1778-TR-DG-7103	25	28	
AP-1	69.1	69.3	4038+17	4125+14	Approved 1/19/18	NTP Requested 2/12/18	Not Yet Requested	WV	WV	2A	2A	1778-TR-DG-7103	28	28	
AP-1	69.3	71.5			Not Yet Requested	Not Yet Requested	Not Yet Requested	WV	WV	3	3				2019 Construction

1. Table is not inclusive of any landowner constraints. Land status changes on a daily basis.  
2. All stations are approximate.

Pipeline	Start Construction Milepost	End Construction Milepost	Start Station	End Station	Tree Felling Activity	Tree Clearing Activity	Construction Activity	Beginning State	Ending State	Beginning Spread	Ending Spread	Drawing Number	Beginning Sheet Number	Ending Sheet Number	Comments
AP-1	71.5	71.9			Not Yet Requested	Not Yet Requested	Not Yet Requested	WV	WV	3	3				Monongahela National Forest-2019 Construction
AP-1	71.9	73.1			Not Yet Requested	Not Yet Requested	Not Yet Requested	WV	WV	3	3				2019 Construction
AP-1	73.1	74.0			Not Yet Requested	Not Yet Requested	Not Yet Requested	WV	WV	3	3				Monongahela National Forest-2019 Construction
AP-1	74.0	79.2			Not Yet Requested	Not Yet Requested	Not Yet Requested	WV	WV	3	3				2019 Construction
AP-1	79.2	80.5	4906+70	5006+00	Approved 1/19/18	NTP Requested 2/12/18	Not Yet Requested	WV	WV	3A	3A	1778-TR-DG-7115			
AP-1	80.5	87.1	5006+00	5506+00	Not Yet Requested	Not Yet Requested	Not Yet Requested	WV	WV	3A	3A	1778-TR-DG-7115			George Washington & Monongahela National Forest
AP-1	87.1	87.2	5506+00	5512+40	Approved 1/19/18	NTP Requested 2/12/18	Not Yet Requested	WV	WV	3A	3A	1778-TR-DG-7115			
AP-1	87.2	88.9	5512+40	5634+10	NTP Requested 2/12/18	NTP Requested 2/12/18	Not Yet Requested	WV	WV	3A	3A	1778-TR-DG-7115			
AP-1	88.9	91.2	5634+10	5826+00	Approved 1/19/18	NTP Requested 2/12/18	Not Yet Requested	WV	WV	3A	3A	1778-TR-DG-7115			
AP-1	91.2	91.4	5826+00	5842+00	NTP Requested 2/12/18	NTP Requested 2/12/18	Not Yet Requested	WV	VA	3A	3A	1778-TR-DG-7115			
AP-1	91.4	93.6			Not Yet Requested	Not Yet Requested	Not Yet Requested	VA	VA	3A	3A	1778-TR-DG-7115			
AP-1	93.6	94.3			Not Yet Requested	Not Yet Requested	Not Yet Requested	VA	VA	4	4				2019 Construction - George Washington National Forest
AP-1	94.3	96.1			Not Yet Requested	Not Yet Requested	Not Yet Requested	VA	VA	4	4				2019 Construction
AP-1	96.1	99.6			Not Yet Requested	Not Yet Requested	Not Yet Requested	VA	VA	4	4				2019 Construction - George Washington National Forest
AP-1	99.6	103.1			Not Yet Requested	Not Yet Requested	Not Yet Requested	VA	VA	4	4				2019 Construction
AP-1	103.1	105.1	6788+19	6947+04	Approved 1/19/18	Not Yet Requested	Not Yet Requested	VA	VA	4A	4A	1778-TR-DG-7113	1	5	
AP-1	105.1	106.7	6947+04	7066+00	Not Yet Requested	Not Yet Requested	Not Yet Requested	VA	VA	4A	4A	1778-TR-DG-7113	5	9	George Washington National Forest
AP-1	106.7	107.2	7066+00	7103+38	Approved 1/19/18	Not Yet Requested	Not Yet Requested	VA	VA	4A	4A	1778-TR-DG-7113	9	10	
AP-1	107.2	107.3	7103+38	7110+90	NTP Requested 2/12/18	Not Yet Requested	Not Yet Requested	VA	VA	4A	4A	1778-TR-DG-7113	10	10	
AP-1	107.3	108.5	7110+90	7204+42	Approved 1/19/18	Not Yet Requested	Not Yet Requested	VA	VA	4A	4A	1778-TR-DG-7113	10	13	
AP-1	108.5	109.0	7204+42	7249+72	NTP Requested 2/12/18	Not Yet Requested	Not Yet Requested	VA	VA	4A	4A	1778-TR-DG-7113	13	14	
AP-1	109.0	111.1	7249+72	7425+45	Approved 1/19/18	Not Yet Requested	Not Yet Requested	VA	VA	4A	4A	1778-TR-DG-7113	14	20	
AP-1	111.1	111.4	7425+45	7448+88	NTP Requested 2/12/18	Not Yet Requested	Not Yet Requested	VA	VA	4A	4A	1778-TR-DG-7113	20	20	
AP-1	111.4	113.6	7448+88	7626+00	Approved 1/19/18	Not Yet Requested	Not Yet Requested	VA	VA	4A	4A	1778-TR-DG-7113	20	25	
AP-1	113.6	113.8	7626+00	7642+66	NTP Requested 2/12/18	Not Yet Requested	Not Yet Requested	VA	VA	4A	4A	1778-TR-DG-7113	25	26	

1. Table is not inclusive of any landowner constraints. Land status changes on a daily basis.  
2. All stations are approximate.



Pipeline	Start Construction Milepost	End Construction Milepost	Start Station	End Station	Tree Felling Activity	Tree Clearing Activity	Construction Activity	Beginning State	Ending State	Beginning Spread	Ending Spread	Drawing Number	Beginning Sheet Number	Ending Sheet Number	Comments
AP-1	113.8	115.8	7642+66	5937+55	Approved 1/19/18	Not Yet Requested	Not Yet Requested	VA	VA	4A	4A	1778-TR-DG-7113	26	30	
AP-1	115.8	122.9	5937+55	6312+08	Not Yet Requested	Not Yet Requested	Not Yet Requested	VA	VA	4A	4A	1778-TR-DG-7113	30	40	George Washington National Forest
AP-1	122.9	126.2	6312+08	6479+25	Approved 1/19/18	Not Yet Requested	Not Yet Requested	VA	VA	4A	5	N/A	N/A	N/A	
AP-1	126.2	145.3			Not Yet Requested	Not Yet Requested	Not Yet Requested	VA	VA	5	5				2019 Construction
AP-1	145.3	157.2			Not Yet Requested	Not Yet Requested	Not Yet Requested	VA	VA	5A	5A				2019 Construction
AP-1	157.2	159.5	8168+00	8265+00	Approved 1/19/18	Not Yet Requested	Not Yet Requested	VA	VA	5A	5A	N/A	N/A	N/A	BRP HDD
AP-1	159.5	183.2			Not Yet Requested	Not Yet Requested	Not Yet Requested	VA	VA	5	5				2019 Construction
AP-1	183.2	184.3	9670+00	9730+00	Approved 1/19/18	Not Yet Requested	Not Yet Requested	VA	VA	6	6	1778-TR-DG-7111	1	2	
AP-1	184.3	184.7	9730+00	9752+20	NTP Requested 2/12/18	Not Yet Requested	Not Yet Requested	VA	VA	6	6	1778-TR-DG-7111	2	3	James River HDD
AP-1	184.7	186.7	9752+20	9854+00	Approved 1/19/18	Not Yet Requested	Not Yet Requested	VA	VA	6	6	1778-TR-DG-7111	3	7	
AP-1	186.7	187.2	9854+00	9882+00	NTP Requested 2/12/18	Not Yet Requested	Not Yet Requested	VA	VA	6	6	1778-TR-DG-7111	7	8	
AP-1	187.2	223.1	9882+00	11950+00	Approved 1/19/18	Not Yet Requested	Not Yet Requested	VA	VA	6	6	1778-TR-DG-7111	8	74	
AP-1	223.1	223.3	11950+00	11960+00	NTP Requested 2/12/18	Not Yet Requested	Not Yet Requested	VA	VA	6	6	1778-TR-DG-7111	74	74	
AP-1	223.3	239.8	11960+00	12838+00	Approved 1/19/18	Not Yet Requested	Not Yet Requested	VA	VA	6	6	1778-TR-DG-7111	74	105	
AP-1	239.8	300.0			Not Yet Requested	Not Yet Requested	Not Yet Requested	VA	VA	7	7				2019 Construction
AP-2	0.0	0.8	0+00	44+00	Approved 1/19/18	NTP Requested 2/12/18	Not Yet Requested	NC	NC	8	8	1778-TR-DG-7107	1	2	
AP-2	0.8	5.0	44+00	266+00	NTP Requested 2/12/18	NTP Requested 2/12/18	Not Yet Requested	NC	NC	8	8	1778-TR-DG-7107	2	9	
AP-2	5.0	8.1	266+00	395+00	Approved 1/19/18	NTP Requested 2/12/18	Not Yet Requested	NC	NC	8	8	1778-TR-DG-7107	9	15	
AP-2	8.1	16.4	395+00	821+00	NTP Requested 2/12/18	NTP Requested 2/12/18	Not Yet Requested	NC	NC	8	8	1778-TR-DG-7107	15	30	
AP-2	16.4	16.9	821+00	848+00	Approved 1/19/18	NTP Requested 2/12/18	Not Yet Requested	NC	NC	8	8	1778-TR-DG-7107	30	31	
AP-2	16.9	19.2	848+00	963+00	NTP Requested 2/12/18	NTP Requested 2/12/18	Not Yet Requested	NC	NC	8	8	1778-TR-DG-7107	31	35	
AP-2	19.2	19.6	963+00	984+00	Approved 1/19/18	NTP Requested 2/12/18	Not Yet Requested	NC	NC	8	8	1778-TR-DG-7107	35	36	
AP-2	19.6	27.3	984+00	1390+00	NTP Requested 2/12/18	NTP Requested 2/12/18	Not Yet Requested	NC	NC	8	8	1778-TR-DG-7107	36	50	
AP-2	27.3	28.8	1390+00	1470+00	Approved 1/19/18	NTP Requested 2/12/18	Not Yet Requested	NC	NC	8	8	1778-TR-DG-7107	50	53	
AP-2	28.8	29.1	1470+00	1485+00	NTP Requested 2/12/18	NTP Requested 2/12/18	Not Yet Requested	NC	NC	8	8	1778-TR-DG-7107	53	53	

1. Table is not inclusive of any landowner constraints. Land status changes on a daily basis.  
2. All stations are approximate.





Pipeline	Start Construction Milepost	End Construction Milepost	Start Station	End Station	Tree Felling Activity	Tree Clearing Activity	Construction Activity	Beginning State	Ending State	Beginning Spread	Ending Spread	Drawing Number	Beginning Sheet Number	Ending Sheet Number	Comments
AP-2	156.5	159.3	8222+00	8557+00	NTP Requested 2/12/18	NTP Requested 2/12/18	Not Yet Requested	NC	NC	10	10	1778-TR-DG-7108	60	65	
AP-2	159.3	160.3	8557+00	8310+00	Approved 1/19/18	NTP Requested 2/12/18	Not Yet Requested	NC	NC	10	10	1778-TR-DG-7108	65	67	
AP-2	160.3	160.8	8310+00	8336+10	NTP Requested 2/12/18	NTP Requested 2/12/18	Not Yet Requested	NC	NC	10	10	1778-TR-DG-7108	67	68	
AP-2	160.8	162.0	8336+10	8400+00	Approved 1/19/18	NTP Requested 2/12/18	Not Yet Requested	NC	NC	10	10	1778-TR-DG-7108	68	70	
AP-2	162.0	174.5	8400+00	8990+90	NTP Requested 2/12/18	NTP Requested 2/12/18	Not Yet Requested	NC	NC	10	10	1778-TR-DG-7108	70	93	
AP-2	174.5	175.5	8990+90	9112+50	Approved 1/19/18	NTP Requested 2/12/18	Not Yet Requested	NC	NC	10	10	1778-TR-DG-7108	93	94	
AP-2	175.5	177.9	9112+50	9239+40	NTP Requested 2/12/18	NTP Requested 2/12/18	Not Yet Requested	NC	NC	10	10	1778-TR-DG-7108	94	99	
AP-2	177.9	178.4	9239+40	9264+50	Approved 1/19/18	NTP Requested 2/12/18	Not Yet Requested	NC	NC	10	10	1778-TR-DG-7108	99	100	
AP-2	178.4	178.6	9264+50	9274+20	NTP Requested 2/12/18	NTP Requested 2/12/18	Not Yet Requested	NC	NC	10	10	1778-TR-DG-7108	100	100	
AP-2	178.6	183.0	9274+20	9505+00	Approved 1/19/18	NTP Requested 2/12/18	Not Yet Requested	NC	NC	10	10	1778-TR-DG-7108	100	107	
AP-3	0.0	29.3			Not Yet Requested	Not Yet Requested	Not Yet Requested	NC	VA	11	11				2019 Construction
AP-3	29.3	32.5	1495+70	1667+00	Approved 1/19/18	Not Yet Requested	Not Yet Requested	VA	VA	11A	11A	1778-TR-DG-7109	1	6	
AP-3	32.5	32.9	1667+00	1688+20	NTP Requested 2/12/18	Not Yet Requested	Not Yet Requested	VA	VA	11A	11A	1778-TR-DG-7109	6	7	
AP-3	32.9	33.7	1688+20	1730+20	Approved 1/19/18	Not Yet Requested	Not Yet Requested	VA	VA	11A	11A	1778-TR-DG-7109	7	9	
AP-3	33.7	35.9	1730+20	1850+00	NTP Requested 2/12/18	Not Yet Requested	Not Yet Requested	VA	VA	11A	11A	1778-TR-DG-7109	9	13	
AP-3	35.9	37.4	1850+00	1929+00	Approved 1/19/18	Not Yet Requested	Not Yet Requested	VA	VA	11A	11A	1778-TR-DG-7109	13	15	
AP-3	37.4	38.3	1929+00	1976+20	NTP Requested 2/12/18	Not Yet Requested	Not Yet Requested	VA	VA	11A	11A	1778-TR-DG-7109	15	17	
AP-3	38.3	38.4	1976+20	1982+00	Approved 1/19/18	Not Yet Requested	Not Yet Requested	VA	VA	11A	11A	1778-TR-DG-7109	17	17	
AP-3	38.4	38.7	1982+00	1998+00	NTP Requested 2/12/18	Not Yet Requested	Not Yet Requested	VA	VA	11A	11A	1778-TR-DG-7109	17	18	
AP-3	38.7	39.3	1998+00	2029+00	Approved 1/19/18	Not Yet Requested	Not Yet Requested	VA	VA	11A	11A	1778-TR-DG-7109	18	19	
AP-3	39.3	60.6			Not Yet Requested	Not Yet Requested	Not Yet Requested	VA	VA	11	11				2019 Construction
AP-3	60.6	60.9	3080+20	3098+00	Approved 1/19/18	Not Yet Requested	Not Yet Requested	VA	VA	11B	11B	1778-TR-DG-7110	1	1	
AP-3	60.9	61.2	3098+00	3114+00	NTP Requested 2/12/18	Not Yet Requested	Not Yet Requested	VA	VA	11B	11B	1778-TR-DG-7110	1	2	Lake Prince HDD
AP-3	61.2	62.3	3114+00	3172+00	Approved 1/19/18	Not Yet Requested	Not Yet Requested	VA	VA	11B	11B	1778-TR-DG-7110	2	4	
AP-3	62.3	62.6	3172+00	3187+80	NTP Requested 2/12/18	Not Yet Requested	Not Yet Requested	VA	VA	11B	11B	1778-TR-DG-7110	4	4	Western Branch Reservoir HDD

1. Table is not inclusive of any landowner constraints. Land status changes on a daily basis.  
2. All stations are approximate.

Pipeline	Start Construction Milepost	End Construction Milepost	Start Station	End Station	Tree Felling Activity	Tree Clearing Activity	Construction Activity	Beginning State	Ending State	Beginning Spread	Ending Spread	Drawing Number	Beginning Sheet Number	Ending Sheet Number	Comments
AP-3	62.6	63.5	3187+80	3234+20	Approved 1/19/18	Not Yet Requested	Not Yet Requested	VA	VA	11B	11B	1778-TR-DG-7110	4	6	
AP-3	63.5	64.1	3234+20	3266+00	NTP Requested 2/12/18	Not Yet Requested	Not Yet Requested	VA	VA	11B	11B	1778-TR-DG-7110	6	7	Nansemond Tributary HDD
AP-3	64.1	65.5	3266+00	3339+90	NTP Requested 2/12/18	Not Yet Requested	Not Yet Requested	VA	VA	11B	11B	1778-TR-DG-7110	7	9	Nansemond River HDD
AP-3	65.5	66.4	3339+90	3387+20	Approved 1/19/18	Not Yet Requested	Not Yet Requested	VA	VA	11B	11B	1778-TR-DG-7110	9	11	
AP-3	66.4	78.5			Not Yet Requested	Not Yet Requested	Not Yet Requested	VA	VA	11	11				2019 Construction
AP-3	78.5	79.1	3849+80	3875+00	NTP Requested 2/12/18	Not Yet Requested	Not Yet Requested	VA	VA	11C	11C	1778-TR-DG-7111	1	1	Route 17 HDD
AP-3	79.1	81.7	3875+00	4016+00	Approved 1/19/18	Not Yet Requested	Not Yet Requested	VA	VA	11C	11C	1778-TR-DG-7111	1	6	
AP-3	81.7	82.1	4016+00	4037+00	NTP Requested 2/12/18	Not Yet Requested	Not Yet Requested	VA	VA	11C	11C	1778-TR-DG-7111	6	7	Elizabeth River HDD
AP-3	82.1	82.2	4037+00	4042+10	Approved 1/19/18	Not Yet Requested	Not Yet Requested	VA	VA	11C	11C	1778-TR-DG-7111	7	7	
AP-4	0.0	0.4	0+00	20+00	Approved 1/19/18	Not Yet Requested	Not Yet Requested	VA	VA	12	12	1778-TR-DG-7112	1	1	
AP-5	0.0	1.0	0+00	50+00	Approved 1/19/18	Not Yet Requested	Not Yet Requested	VA	VA	12	12	1778-TR-DG-7112	1	2	

1. Table is not inclusive of any landowner constraints. Land status changes on a daily basis.  
2. All stations are approximate.

## Attachment C

Certificated Access Roads		
Name	County	State
18-058-A006-AR 1	Nash	North Carolina
18-123-AR 1	Nash	North Carolina
18-156-AR 1	Nash	North Carolina
18-200-AR 2	Nash	North Carolina
24-015-AR 1	Robeson	North Carolina
17-003-AR 1	Halifax	North Carolina
17-109-AR 1	Halifax	North Carolina
22-085-A143.AR1	Cumberland	North Carolina
01-009.AR-AR 2	Harrison	West Virginia
01-017-AR 1	Lewis/Harrison	West Virginia
02-012.AR-AR 1	Lewis	West Virginia
02-019.AR-AR 1	Lewis	West Virginia
02-036-AR 1	Lewis	West Virginia
02-039-AR 1	Lewis	West Virginia
02-044-AR 1	Lewis	West Virginia
02-055-AR 1	Lewis	West Virginia
02-071-AR 1	Lewis	West Virginia
02-077-AR 1	Lewis	West Virginia
02-084.AR-AR 1	Lewis	West Virginia
02-092-AR 1	Lewis	West Virginia
02-094-AR 1	Lewis	West Virginia
02-095-A001-AR 1	Lewis	West Virginia
02-096 AR 1	Lewis	West Virginia
02-096-A001-AR 1	Lewis	West Virginia
02-096-A001-AR 1.1	Lewis	West Virginia
02-096-A001-AR 2	Lewis	West Virginia
02-096-A003-AR 2	Lewis	West Virginia
02-096-A005-AR 1	Lewis	West Virginia
02-096-A007-AR 1	Lewis	West Virginia
02-096-A009-AR 1	Lewis	West Virginia
02-096-A012-AR 1	Lewis	West Virginia
02-096-A013-AR 1	Lewis	West Virginia
03-116.AR-AR 1	Upshur	West Virginia
03-116.AR-AR 3	Upshur	West Virginia
03-124-AR 1	Upshur	West Virginia

Certificated Access Roads		
Name	County	State
03-125-AR 1	Upshur	West Virginia
03-146.AR-AR 1	Upshur	West Virginia
03-146.AR-AR 2	Upshur	West Virginia
03-147-AR 1	Upshur	West Virginia
03-154.AR-AR 1.1	Upshur	West Virginia
03-164.AR-AR 1	Upshur	West Virginia
04-002-A001.AR-AR 2	Randolph	West Virginia
04-002-A003-AR 1	Randolph	West Virginia
04-002-B007.AR1	Randolph	West Virginia
04-002-B007.AR2	Randolph	West Virginia
04-002-B025.AR2	Randolph	West Virginia
04-002-B025.AR4	Randolph	West Virginia
04-002-B025.AR5	Randolph	West Virginia
04-002-B025.AR7	Randolph	West Virginia
04-002-B080.AR1	Randolph	West Virginia
04-002-B082.AR1	Randolph	West Virginia
06-001-C026.AR2	Highland	Virginia
06-001-C028.AR1	Highland	Virginia
06-001-C028.AR3	Highland	Virginia
06-001-C036.AR1	Highland	Virginia
07-001-A009-AR 1	Augusta	Virginia
07-001-A016.AR-AR 1	Augusta	Virginia
07-001-A023.AR-AR 2	Augusta	Virginia
07-001-A055.AR2	Augusta	Virginia
07-001-F029.AR1	Augusta	Virginia
08-001-B004.AR1	Nelson	Virginia
09-001-A001.AR1	Buckingham	Virginia
09-005-AR 2	Buckingham	Virginia
09-005-AR 3	Buckingham	Virginia
09-015-AR 1	Buckingham	Virginia
09-040.AR-AR 1	Buckingham	Virginia
09-040.AR-AR 2	Buckingham	Virginia
09-040.AR-AR 4	Buckingham	Virginia
09-040.AR-AR4.1	Buckingham	Virginia
09-040.AR-AR5	Buckingham	Virginia
09-040-A001.AR-AR 1	Buckingham	Virginia
09-051.AR1	Buckingham	Virginia
09-074.AR-AR 1	Buckingham	Virginia

Certificated Access Roads		
Name	County	State
09-080-AR 1	Buckingham	Virginia
09-129-AR 2	Buckingham	Virginia
10-061.AR-AR 1	Cumberland	Virginia
11-005-AR 1	Prince Edward	Virginia
11-040.AR-AR 1	Prince Edward	Virginia
12-028-AR 1	Nottoway	Virginia
12-047-AR 1	Nottoway	Virginia
25-074-AR 1	Southampton	Virginia
25-074-AR 3	Southampton	Virginia

## Attachment D

Certificated Contractor/Pipe Yards		
Name	County	State
Contractor Yard 01-A	Upshur	West Virginia
Pipe Yard 02-A	Randolph	West Virginia
Pipe Yard 01-A	Randolph	West Virginia
Contractor Yard 03-A	Highland	Virginia
Contractor Yard 05-C	Rockbridge	Virginia
Pipe Yard 06-C	Buckingham	Virginia
Contractor Yard 08-A	Halifax	North Carolina
Contractor Yard 10-A	Cumberland	North Carolina

Document Content(s)

PUBLIC_LNTP Request_ROW AR Yards.PDF.....	1-3
PUBLIC_Attachment A_USACE Huntington District 404.PDF.....	4-10
PUBLIC_Attachment A_USACE Norfolk District 404.PDF.....	11-15
PUBLIC_Attachment A_USACE Norfolk District 107 408.PDF.....	16-16
PUBLIC_Attachment A_USACE Wilmington District 404.PDF.....	17-19
PUBLIC_Attachment A_VDEQ Confirmation.PDF.....	20-20
PUBLIC_Attachment B_ACP NTP Table.PDF.....	21-26
PUBLIC_Attachment C_Table of Access Roads.PDF.....	27-29
PUBLIC_Attachment D_Table of Yards.PDF.....	30-30