



ROY COOPER

*Governor*

MICHAEL S. REGAN

*Secretary*

LINDA CULPEPPER

*Interim Director*

February 26, 2018

DWR # 20140957 v2  
Northampton, Halifax, Nash,  
Wilson, Johnston, Sampson,  
Cumberland and Robeson Counties

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

**Subject: Supplement to Transmittal Letter for Individual 401 Water Quality Certification and Tar-Pamlico/Neuse Riparian Buffer Impacts with Additional Conditions**  
Atlantic Coast Pipeline  
USACE Action ID. No. SAW-2014-01558

Dear Ms. Hartz:

The North Carolina Department of Environmental Quality, Division of Water Resources is sending you this letter to supplement its January 26, 2018 transmittal letter for Certification No. WQC004162 ("Certification") with additional information regarding judicial review of the Certification.

Please note that pursuant to Section 19(d) of the Federal Natural Gas Act,

The United States Court of Appeals for the circuit in which a facility subject to section 717b of this title or section 717f of this title is proposed to be constructed, expanded, or operated shall have original and exclusive jurisdiction over any civil action for the review of an order or action of a . . . State administrative agency acting pursuant to Federal law to issue, condition, or deny any permit, license, concurrence, or approval . . . required under Federal law, other than the Coastal Zone Management Act of 1972 (16 U.S.C. 1451 et seq.).

15 U.S.C. § 717r(d). Courts have interpreted this provision to apply to actions seeking judicial review of state approvals or denials of certifications under Section 401 of the Clean Water Act.

This letter does not constitute a reissuance or amendment of the Certification. Rather, as stated above, this letter is being sent to you for the sole purpose of providing this additional information regarding judicial review of the Certification.

Please contact Karen Higgins at 919-807-6360 or [karen.higgins@ncdenr.gov](mailto:karen.higgins@ncdenr.gov) if you have any questions or concerns.

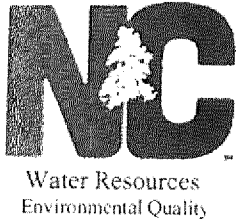
Sincerely,



Linda Culpepper, Interim Director  
Division of Water Resources

Attachments: -Certification No. WQC004162  
-Appendix C-1: Wetland and Waterbody Crossings for the Atlantic Coast Pipeline within the US Army Corps of Engineers – Wilmington District (Revised 11/3/2017)  
-Table 5: North Carolina Riparian Buffer Impacts within the Tar-Pamlico and Neuse Watersheds

cc: Richard Gangle, Dominion Resources Services, Inc. (via [richard.b.gangle@dom.com](mailto:richard.b.gangle@dom.com))  
Spencer Trichell, Dominion Resources Services, Inc. (via [spencer.trichell@dom.com](mailto:spencer.trichell@dom.com))  
USACE Raleigh Regulatory Field Office  
USACE Wilmington Regulatory Field Office  
Todd Bowers, EPA (via [bowers.todd@epa.gov](mailto:bowers.todd@epa.gov))  
DWR Raleigh Regional Office  
DWR Fayetteville Regional Office  
DWR 401 & Buffer Permitting Branch file



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January 26, 2018

DWR # 20140957 v2  
Northampton, Halifax, Nash,  
Wilson, Johnston, Sampson,  
Cumberland and Robeson Counties

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

**Subject: Approval of Individual 401 Water Quality Certification and Tar-Pamlico/Neuse Riparian Buffer Impacts with Additional Conditions**  
Atlantic Coast Pipeline  
USACE Action ID. No. SAW-2014-01558

Dear Ms. Hartz:

Attached hereto is a copy of Certification No. WQC004162 issued to Ms. Leslie Hartz and Atlantic Coast Pipeline, LLC, dated January 26, 2018. Please note that you should get any other applicable federal, state or local permits before proceeding with the subject project, including those required by (but not limited to) Sediment and Erosion Control, Non-Discharge, and Water Supply Watershed regulations.

This approval and its conditions are final and binding unless contested. This Certification can be contested as provided in General Statute 150B by filing a written petition for an administrative hearing to the Office of Administrative Hearings (hereby known as OAH) **within sixty (60) calendar days**.

A petition form may be obtained from the OAH at <http://www.ncoah.com/> or by calling the OAH Clerk's Office at (919) 431-3000 for information. A petition is considered filed when the original and one (1) copy along with any applicable OAH filing fee is received in the OAH during normal office hours (Monday through Friday between 8:00am and 5:00pm, excluding official state holidays).

The petition may be faxed to the OAH at (919) 431-3100, provided the original and one copy of the petition along with any applicable OAH filing fee is received by the OAH within five (5) business days following the faxed transmission.

Mailing address for the OAH:

<i>If sending via US Postal Service:</i>	<i>If sending via delivery service (UPS, FedEx, etc):</i>
Office of Administrative Hearings	Office of Administrative Hearings
6714 Mail Service Center	1711 New Hope Church Road
Raleigh, NC 27699-6714	Raleigh, NC 27609-6285

One (1) copy of the petition must also be served to Department of Environmental Quality:

William F. Lane, General Counsel  
Department of Environmental Quality  
1601 Mail Service Center  
Raleigh, NC 27699-1601

**Unless such a petition is filed, this Certification shall be final and binding.**

This certification completes the review of the Division of Water Resources under section 401 of the Clean Water Act and 15A NCAC 02H .0500 and under the Neuse and Tar-Pamlico Riparian Buffer Protection Rules (15A NCAC 02B .0233 and .0259). Contact Karen Higgins at 919-807-6360 or [karen.higgins@ncdenr.gov](mailto:karen.higgins@ncdenr.gov) if you have any questions or concerns.

Sincerely,



Linda Culpepper, Interim Director  
Division of Water Resources

Attachment: Appendix C-1: Wetland and Waterbody Crossings for the Atlantic Coast Pipeline within the US Army Corps of Engineers – Wilmington District (Revised 11/3/2017)  
Table 5: North Carolina Riparian Buffer Impacts within the Tar-Pamlico and Neuse Watersheds

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Todd Bowers, EPA (via [bowers.todd@epa.gov](mailto:bowers.todd@epa.gov))  
DWR Raleigh Regional Office  
DWR Fayetteville Regional Office  
DWR 401 & Buffer Permitting Branch file

### NORTH CAROLINA 401 WATER QUALITY CERTIFICATION

**CERTIFICATION** #WQC004162 is issued in conformity with the requirements of Section 401, Public Laws 92-500 and 95-217 of the United States and subject to North Carolina’s Regulations in 15 NCAC 02H .0500 and 15A NCAC 02B .0200, to Ms. Leslie Hartz and Atlantic Coast Pipeline, LLC, who have authorization for the impacts listed below, as described within your application received by the N.C. Division of Water Resources (Division) on May 9, 2017; subsequent information received by the Division on July 12, 2017, September 22, 2017, October 2 and 13, 2017, November 4, 15 and 29, 2017, December 8 and 20, 2017 and January 17 and 18, 2018; and by Public Notice issued by the Division on June 16, 17 and 18, 2017 and correction issued on June 19, 20, 21 and 22, 2017.

The State of North Carolina certifies that this activity will not violate the applicable portions of Sections 301, 302, 303, 306, 307 of the Public Law 92-500 and Public Law 95-217 if conducted in accordance with the application, the supporting documentation, and conditions hereinafter set forth.

**This approval requires you to follow the conditions listed in the certification below.**

**Conditions of Certification:**

**1. Impacts Approved**

The following impacts are hereby approved provided that all of the conditions of the Certification are met. No other impacts are approved, including incidental impacts. [15A NCAC 02B .0506(b) & (c), 15A NCAC 02B .0233(8) and 15A NCAC 02B .0259(8)]

<b>Type of Impacts</b>	<b>Amount Approved (units) Permanent</b>	<b>Amount Approved (units) Temporary</b>
404 Wetlands	0.80 (acres)	453.45 (acres)
Perennial Stream	160 (linear feet)	15,081 (linear feet)
Non-perennial Stream	606 (linear feet)	21,007 (linear feet)
Open Waters	0 (acres)	0.44 (acres)
<b>Tar-Pamlico Buffer Sub-basin 03020102</b>		
Buffer Zone 1	126,081 (square feet)	0 (square feet)
Buffer Zone 2	83,478 (square feet)	0 (square feet)
<b>Tar-Pamlico Buffer Sub-basin 03020101</b>		
Buffer Zone 1	231,704 (square feet)	0 (square feet)
Buffer Zone 2	152,811 (square feet)	0 (square feet)
<b>Neuse Buffer Sub-basin 03020203</b>		
Buffer Zone 1	145,039 (square feet)	0 (square feet)
Buffer Zone 2	101,403 (square feet)	0 (square feet)
<b>Neuse Buffer Sub-basin 03020201</b>		
Buffer Zone 1	152,785 (square feet)	0 (square feet)
Buffer Zone 2	122,204 (square feet)	0 (square feet)

2. Compensatory Mitigation

Mitigation must be provided for the proposed impacts as specified in the table below. The Division has received an acceptance letter from the NC Division of Mitigation Services (DMS) to meet this mitigation requirement. Until the DMS receives and clears your payment, and proof of payment has been provided to the Division, no impacts specified in this Authorization Certification (Certification) shall occur. For accounting purposes, this Certification authorizes payment to the DMS to meet the following compensatory mitigation requirement [15A NCAC 02H .0506 (b)(6)]:

	<b>Compensatory Mitigation Amount Required</b>	<b>River &amp; Sub-basin Number</b>
Buffers	301,168 (square feet)	Tar-Pamlico 03020102
	318,868 (square feet)	Tar-Pamlico 03020101
	245,612 (square feet)	Neuse 03020203
	486,344 (square feet)	Neuse 03020201

3. Any stream or wetland impacts proposed that are not included in this Certification shall require a modification of the Certification. If total project permanent impacts to perennial streams exceed 300 linear feet, or permanent impacts to wetlands exceed one acre, mitigation at a 1:1 ratio will be required. [15A NCAC 02H .0506 (b)(6)]
4. ACP shall seek necessary authorizations from applicable state and federal agencies (e.g. NCDEQ, NCWRC, USACE, USFWS, NCDHR, etc.) and request a variance from FERC to change the crossing of three streams (swio010, swio011, swio012) shown on Figure A-4, page 51, by shifting the alignment east within the study corridor to avoid two of the stream crossings. [15A NCAC 02H .0506(b)(1) and (b)(2)]
5. No waste, spoil, solids, or fill of any kind shall occur in wetlands or waters beyond the footprint of the impacts (including temporary impacts) as authorized under this Certification. [15A NCAC 02H .0501 and .0502]
6. No removal of vegetation or other impacts of any kind shall occur to state regulated riparian buffers beyond the footprint of impacts approved in a Buffer Authorization or Variance or as listed as an exempt activity in the applicable riparian buffer rules. [15A NCAC 02B .0200]
7. All wetlands, streams, surface waters, and riparian buffers located within 50 feet of the construction area on the project site shall be clearly marked (e.g. orange fabric fencing) prior to any land disturbing activities and must be maintained on the property until the project phase is completed. [15A NCAC 02H .0506 (b)(2) and (c)(2) and 15A NCAC 02H .0507 (c)]

8. No temporary impacts are allowed beyond those included in this Certification. All temporary fill and culverts shall be removed and the impacted area shall be returned to natural conditions within 60 calendar days after the temporary impact is no longer necessary. The impacted areas shall be restored to original grade, including each stream's original cross sectional dimensions, planform pattern, and longitudinal bed profile. All temporarily impacted sites shall be restored and stabilized with native vegetation. [15A NCAC 02H .0506(b)(2) and (c)(2)]
9. Approved temporary pipes, culverts, rip-rap pads, etc. in streams shall be installed as outlined in the most recent edition of the *North Carolina Sediment and Erosion Control Planning and Design Manual* or the *North Carolina Surface Mining Manual* or the *North Carolina Department of Transportation Best Management Practices for Construction and Maintenance Activities* so as not to restrict stream flow or cause dis-equilibrium during use of this Certification. [15A NCAC 02H .0506(b)(2) and (c)(2)]
10. Mixing of topsoil and subsoils within wetlands shall be minimized to the greatest extent practical. During excavation, the soils shall be placed on fabric to minimize impacts whenever possible. Topsoil excavated from trenches should be piled separately from soils and backfilled into the trench only after the subsoils have been placed and compacted. [15A NCAC 02H .0506(c)(2)]
11. Wetland Monitoring  
Upon restoration of temporary impacts to wetlands, all restored areas shall be monitored quarterly for at least three years with photo documentation. Wetland restoration shall be considered successful if all of the following criteria are satisfied:
  - a. the affected wetland satisfies the current federal definition for a wetland (i.e., soils, hydrology, and vegetation);
  - b. vegetation is at least 80 percent of either the cover documented for the wetland prior to construction, or at least 80 percent of the cover in adjacent wetland areas that were not disturbed by construction;
  - c. if natural rather than active revegetation was used, the plant species composition is consistent with early successional wetland plant communities in the affected ecoregion; and
  - d. invasive species and noxious weeds are absent, unless they are abundant in adjacent areas that were not disturbed by construction.

Three years after construction is completed, ACP shall submit a report to the Division identifying the status of the wetland revegetation efforts and documenting success as defined above using the following link: <https://edocs.deq.nc.gov/Forms/Supplemental-Information-Form>. Wetland restoration monitoring may be extended by the Division if the restoration sites have not adequately recovered.

Any temporary impacts to wetlands that do not meet the current federal definition for a wetland, as defined by the 1987 U.S. Army Corps of Engineers Wetland Manual and confirmed by a Corps representative, at the end of monitoring shall be considered permanent impacts and shall require a modification of the Certification. If total project permanent impacts to wetlands exceed one acre, mitigation at a 1:1 ratio will be required. [15A NCAC 02H .0506 (c)(2) and 15A NCAC 02H .0507 (c)]

#### 12. Stream and Riparian Area/Buffer Monitoring

Upon restoration of temporary impacts to stream and riparian area/buffers, all restored areas shall be monitored quarterly for at least three years with photo documentation. Stream and riparian area/buffer restoration shall be considered successful if all of the following criteria are satisfied:

- a. the stream channel is stable and active erosion is not observed;
- b. riparian vegetation is at least 80 percent of either the cover documented for the wetland prior to construction, or at least 80 percent of the cover in adjacent riparian areas that were not disturbed by construction;
- c. if natural rather than active revegetation was used, the plant species composition is consistent with early successional riparian plant communities in the affected ecoregion; and
- d. invasive species and noxious weeds are absent, unless they are abundant in adjacent areas that were not disturbed by construction.

Three years after construction is completed, ACP shall submit a report to the Division identifying the status of the riparian revegetation efforts and documenting success as defined above using the following link: <https://edocs.deq.nc.gov/Forms/Supplemental-Information-Form>. Stream and buffer monitoring may be extended by the Division if the restoration sites have not adequately recovered.

Any temporary impacts to streams that require permanent impacts for stabilization (e.g. rip rap) shall be considered permanent impacts and shall require a modification of the Certification. If total project permanent impacts to perennial streams exceed 300 linear feet, mitigation at a 1:1 ratio will be required. [15A NCAC 02H .0506 (b)(2) and 15A NCAC 02H .0507 (c)]

13. All moratoriums on construction activities established by the NC Wildlife Resources Commission (WRC), US Fish and Wildlife Service (USFWS), NC Division of Marine Fisheries (DMF), or National Marine Fisheries Service (NMFS) shall be implemented as indicated in Appendix C-1: Wetland and Waterbody Crossings for the Atlantic Coast Pipeline within the US Army Corps of Engineers – Wilmington District (Revised 11/3/2017). Exceptions to this condition require written approval by the resource agency responsible for the given moratorium. A copy of the approval from the resource agency shall be forwarded to the Division using the following link: <https://edocs.deq.nc.gov/Forms/Supplemental-Information-Form>. [15A NCAC 02H .0506(b)(2) and 15A NCAC 04B .0125]



14. All fish and mussel relocations shall comply with the following protocols approved by WRC: "North Carolina Revised Fish and Other Taxa Collection and Relocation Protocol for Instream Construction Activities" (September 22, 2017) and "2017 Study Plan: Revised Freshwater Mussel (*Unionidae*) Relocations for the Proposed Atlantic Coast Pipeline in North Carolina" (September 22, 2017). Any deviation from these protocols require written approval from WRC. [15A NCAC 02H .0506(b)(2)]

15. All work in or adjacent to streams shall be conducted so that the flowing stream does not come in contact with the disturbed area. Approved best management practices from the most current version of the *NC Sediment and Erosion Control Manual*, or the *NC DOT Construction and Maintenance Activities Manual*, such as sandbags, rock berms, cofferdams, and other diversion structures shall be used to minimize excavation in flowing water. ACP may request site-specific exemptions of this condition where conditions at the time of the crossing are not feasible (e.g., inundated wetland conditions) or conditions are not necessary (e.g., no flow, dry conditions that are anticipated to remain dry throughout completion of pipeline installation and site restoration). To obtain an exemption, ACP must submit the request to Division staff in the appropriate regional office at least 14 calendar days prior to the anticipated start of construction on the crossing and shall not proceed until written approval from the Division is received. [15A NCAC 02H .0506(b)(3) and (c)(3)]

16. Open Cut

Where conditions at the time of the stream crossing are not feasible to be conducted so that the flowing stream does not come into contact with the disturbed area (e.g. inundated wetland conditions) and ACP has received an exemption from the Division pursuant to Condition #15 above, ACP shall comply with the following [15A NCAC 02H .0506 (b)(2)]:

- a. Turbidity curtains shall be installed as shown on the plans provided to the Division on September 29, 2017; and
- b. Water Quality Sampling shall be conducted:
  - i. Sampling shall be located 50 feet above (upstream) and 50 feet below (downstream) the crossing;
  - ii. Sampling shall be conducted for turbidity. Sampling shall also be conducted for total dissolved solids for crossings within a Water Supply Watershed area;
  - iii. Monitoring at both the upstream and downstream locations shall occur at least two (2) times per day when active construction is occurring. The first sampling shall occur thirty (30) minutes prior to the start of instream construction. The second sampling shall occur two (2) to six (6) hours after the start of instream construction;

- iv. If monitoring during active construction shows any exceedances of the turbidity and/or total dissolved solids standard, work shall stop until the source is identified and remediated. Measures and BMPs shall be re-evaluated before moving forward to ensure future exceedances do not occur;
- v. Monitoring at both the upstream and downstream locations shall occur at least one (1) time per day for four (4) consecutive days once the crossing (including restoration) is complete. If any of the post-construction sampling show exceedances of the turbidity and/or total dissolved solids standard, the source shall be identified and remediated. Daily sampling shall continue until samples are below the turbidity and total dissolved solids standards.
- vi. Records of all samples shall be retained by ACP for one year. Records shall be made available to the Division upon request.

#### 17. Culverts

Culverts shall be designed and installed in such a manner that the original stream profiles are not altered and allow for aquatic life movement during low flows. The dimension, pattern, and profile of the stream above and below a pipe or culvert shall not be modified by widening the stream channel or by reducing the depth of the stream in connection with the construction activity. The width, height, and gradient of a proposed culvert shall be such as to pass the average historical low flow and spring flow without adversely altering flow velocity.

Placement of culverts and other structures in streams shall be below the elevation of the streambed by one foot for all culverts with a diameter greater than 48 inches, and 20% of the culvert diameter for culverts having a diameter less than or equal to 48 inches, to allow low flow passage of water and aquatic life.

If multiple pipes or barrels are required, they shall be designed to mimic the existing stream cross section as closely as possible including pipes or barrels at flood plain elevation and/or sills where appropriate. Widening the stream channel shall be avoided.

If bedrock is discovered during construction, then the Division Regional Office (Raleigh or Fayetteville) shall be notified by phone or email within 24 hours of discovery.

Installation of culverts in wetlands shall ensure continuity of water movement and be designed to adequately accommodate high water or flood conditions. When roadways, causeways, or other fill projects are constructed across FEMA-designated floodways or wetlands, openings such as culverts or bridges shall be provided to maintain the natural hydrology of the system as well as prevent constriction of the floodway that may result in destabilization of streams or wetlands.

The establishment of native woody vegetation and other soft stream bank stabilization techniques shall be used where practicable instead of rip-rap or other bank hardening methods. [15A NCAC 02H .0506(b)(2) and (c)(2)]

18. Rip-Rap

Any rip-rap required for proper culvert placement, stream stabilization, or restoration of temporarily disturbed areas shall be restricted to the area directly impacted by the approved construction activity. All rip-rap shall be placed such that the original stream elevation and streambank contours are restored and maintained. Placement of rip-rap or other approved materials shall not result in de-stabilization of the stream bed or banks upstream or downstream of the area or in a manner that precludes aquatic life passage.

Any rip-rap used for stream or shoreline stabilization shall be of a size and density to prevent movement by wave, current action, or stream flows and shall consist of clean rock or masonry material free of debris or toxic pollutants. Rip-rap shall not be installed in the streambed except in specific areas required for velocity control and approved as a permanent impact area by this Certification. [15A NCAC 02H .0506(b)(2)]

19. No hardened stabilization (e.g. rip-rap, geogrid, etc.) techniques shall be placed below the ordinary high water mark for bank stabilization purposes. If monitoring of completed stream crossings indicates hardened stabilization is necessary, a modification of this Certification will be required to authorize additional impacts. [15A NCAC 02H .0506(b)(2)]
20. Heavy equipment working in wetlands shall be placed on mats or other measures shall be taken to minimize soil disturbance. [15A NCAC 02H .0506(b)(3) and (c)(3)]
21. Application of fertilizer to establish planted/seeded vegetation within disturbed riparian areas and/or wetlands shall be conducted at agronomic rates and shall comply with all other Federal, State and Local regulations. Fertilizer application shall be accomplished in a manner that minimizes the risk of contact between the fertilizer and surface waters. [15A NCAC 02B .0200 and 15A NCAC 02B .0231]
22. If concrete is used during construction, then all necessary measures shall be taken to prevent direct contact between uncured or curing concrete and waters of the state. Water that inadvertently contacts uncured concrete shall not be discharged to waters of the state. [15A NCAC 02B .0200]
23. All mechanized equipment operated near surface waters or wetlands shall be regularly inspected and maintained to prevent contamination of waters and wetlands from fuels, lubricants, hydraulic fluids or other potential toxic chemicals. Construction shall be staged in order to minimize the exposure of equipment to surface waters to the maximum extent practicable. Fueling, lubrication and general equipment maintenance shall not take place within 100 feet of a waterbody or wetlands to prevent contamination by fuels and oils except as follows: in situations where equipment must continue to operate during fueling activities such as dewatering pumps near surface waters, secondary containment structures will be used to prevent any spillage from reaching the surface waters. Fuel shall not be stored within 100 feet of a waterbody or wetland.

In accordance with 143-215.85(b), any petroleum spill of 25 gallons or more, any spill regardless of amount that causes a sheen on surface waters, any petroleum spill regardless of amount occurring within 100 feet of surface waters, and/or any petroleum spill less than 25 gallons that cannot be cleaned up within 24 hours shall be reported to the Division. Contact the Raleigh Regional Office at **919-791-4200** between the hours of 8 am to 5 pm or Fayetteville Regional Office at **910-433-3300**, depending on the region in which the spill occurs, or after hours and on weekends call **(800) 858-0368**. Management of such spills shall comply with provisions of the North Carolina Oil Pollution and Hazardous Substances Control Act. [15A NCAC 02H .0506 (b)(3) and (c)(3), 15A NCAC 02B .0200 (3)(f), and GS 143 Article 21A]

#### 24. Horizontal Directional Drilling

Documentation of the composition and properties of drilling fluids and additives, including manufacturer's literature and Safety Data Sheets for each horizontal directional drilling crossing must be submitted to the Division no less than 30 calendar days prior to commencement of the particular crossing using the following link: <https://edocs.deq.nc.gov/Forms/Supplemental-Information-Form>.

If an inadvertent return enters a surface water, wetland or protected riparian buffer, ACP will notify the Raleigh or Fayetteville Regional Office, as appropriate, within 24 hours of detection (see phone numbers above). [15A NCAC 02H .0506 (b)(3) and (c)(3), 15A NCAC 02B .0200 (3)(f), and GS 143 Article 21A]

#### 25. Well Testing

Private wells identified within 150 feet of the limit of disturbance or within 500 feet from blasting areas shall be sampled and tested *prior* to construction to establish a baseline of groundwater quality and quantity against which to measure any construction-related impacts.

Testing shall include the following parameters: pH, total suspended solids, total dissolved solids, conductivity, alkalinity, acidity, sulfates, oil/grease, phenolic, iron, manganese, aluminum, fecal coliform, copper, lead, nickel, silver, thallium, zinc, chromium, arsenic, mercury, selenium, cyanide, calcium magnesium, hardness, chlorides, antimony, cadmium, and beryllium, along with well yields.

An independent, qualified groundwater specialist shall complete post-construction sampling and testing to determine whether an impact has occurred within 6 months of project construction completion. Should post-construction testing indicate that a well has been impacted by the construction, ACP shall provide temporary water supplies, and/or a new water treatment system or well. [15A NCAC 02H .0507(b)(3) and (c)(3)]

26. Stormwater Management and Diffuse Flow Plans

ACP shall not increase the capacity of existing access road ditches or change the characteristics of these ditches within state protected riparian buffers other than measures required to minimize the sediment, nutrients and other pollution that convey to waterbodies.

For sites within a state-approved local government stormwater program (e.g. Phase II, Water Supply, NSW, USMP) that require a stormwater management plan, you must obtain approval from the appropriate local government(s) before work commences on these sites. Once approved, the stormwater management plan(s) may not be modified without written authorization from the appropriate local government(s).

For sites within Nash and Cumberland County that require a stormwater management plan from the Division of Energy, Mineral and Land Resources (DEMLR), you must obtain approval from DEMLR before work commences on these sites. Once approved, the stormwater management plan(s) may not be modified without written authorization from DEMLR. [15A NCAC 02B .0233(5) and 15A NCAC 02B .0259(5)]

27. Sediment and Erosion Control

All construction activities shall be performed and maintained in full compliance with G.S. Chapter 113A Article 4 (Sediment and Pollution Control Act of 1973). Specifically, the portion of the project within Cumberland, Robeson, and Sampson Counties must be in full compliance with the Certificate of Plan Approval No. Cumbe-2018-036, issued by DEMLR, Fayetteville Regional Office. Prior to commencement of construction of the project within Northampton, Halifax, Nash, Wilson and Johnston Counties, a sedimentation and erosion control Certificate of Plan Approval issued by DEMLR, Raleigh Regional Office, must be obtained and submitted to the Division using the following link: <https://edocs.deq.nc.gov/Forms/Supplemental-Information-Form>. [15A NCAC 02H .0501 and .0502]

Sediment and erosion control measures shall not be placed in wetlands or waters except within the footprint of temporary or permanent impacts authorized under this Certification. [15A NCAC 02H .0501 and .0502]

Erosion control matting that incorporates plastic mesh and/or plastic twine shall not be used along streambanks or within wetlands. [15A NCAC 02B .0201]

28. ACP indicated their intent to seek coverage of and meet the requirements of North Carolina's NPDES Construction Stormwater Permit (NCG010000) Section II.B for the entire construction corridor in North Carolina during the application process. Full compliance with NCG010000 Permit Section II.B conditions is required. [15A NCAC 02H .0506(b)(3) and (c)(3)]

29. ACP shall schedule and conduct a pre-construction meeting with the construction contractors, ACP staff, and Division and DEMLR staff to review the conditions and requirements of the respective certifications and permits for clarity and understanding before *any* impacts authorized in this Certification occur. [15A NCAC 02H .0502(e) and .0507(c)]
30. ACP shall schedule and conduct monthly ride-through inspections with appropriate Division and DEMLR staff to assess compliance with the respective certifications and permits. [15A NCAC 02H .0502(e) and .0507(c)]
31. Ms. Leslie Hartz and Atlantic Coast Pipeline, LLC shall conduct construction activities in a manner consistent with State water quality standards (including any requirements resulting from compliance with section 303(d) of the Clean Water Act) and any other appropriate requirements of State and Federal law. [15A NCAC 02B .0200] If the Division determines that such standards or laws are not being met (including the failure to sustain a designated or achieved use) or that State or federal law is being violated, or that further conditions are necessary to assure compliance, the Division may reevaluate and modify this Certification. Before modifying the Certification, the Division shall notify Ms. Leslie Hartz and Atlantic Coast Pipeline, LLC and the U.S. Army Corps of Engineers, provide public notice in accordance with 15A NCAC 02H .0503 and provide opportunity for public hearing in accordance with 15A NCAC 02H .0504. Any new or revised conditions shall be provided to Ms. Leslie Hartz and Atlantic Coast Pipeline, LLC in writing, shall be provided to the U.S. Army Corps of Engineers for reference in any Permit issued pursuant to Section 404 of the Clean Water Act, and shall also become conditions of the 404 Permit for the project.
32. Upon completion of all permitted impacts included within the approval and any subsequent modifications, the applicant shall be required to return a Certificate of Completion (available on the Division website <https://edocs.deq.nc.gov/Forms/Certificate-of-Completion>). [15A NCAC 02H .0502(f)]
33. This approval is for the purpose and design described in your application and as described in the Public Notice. The plans and specifications for this project are incorporated by reference and are an enforceable part of the Certification. Any modifications to the project require notification to the Division and may require an application submittal to the Division with the appropriate fee. [15A NCAC 02H .0501 and .0502]
34. ACP shall require its contractors and/or agents to comply with the terms and conditions of this Certification in the construction and maintenance of this project. ACP shall also provide each of its contractors and/or agents associated with the construction or maintenance of this project with a copy of this Certification. A copy of this Certification shall be available at the project site during the construction and maintenance of this project. [15A NCAC 02H .0507(c) and 15A NCAC 02H .0506 (b)(2) and (c)(2)]

35. If the property or project is sold or transferred, the new Permittee shall be given a copy of this Certification and is responsible for complying with all conditions. [15A NCAC 02H .0501 and .0502]
36. This Certification neither grants nor affirms any property right, license, or privilege in any waters, or any right of use in any waters. This Certification does not authorize any person to interfere with the riparian rights, littoral rights, or water use rights of any other person and this Certification does not create any prescriptive right or any right of priority regarding any usage of water. This Certification shall not be interposed as a defense in any action respecting the determination of riparian or littoral rights or other rights to water use. No consumptive user is deemed by virtue of this Certification to possess any prescriptive or other right of priority with respect to any other consumptive user regardless of the quantity of the withdrawal or the date on which the withdrawal was initiated or expanded. [15A NCAC 02H .0507(c)]
37. This Certification does not relieve the applicant of the responsibility to obtain all other required Federal, State, or Local approvals before proceeding with the project, including those required by, but not limited to Sediment and Erosion Control, Non-Discharge, Water Supply Watershed, and Trout Buffer regulations. [15A NCAC 02H .0507(c)]
38. This certification grants permission to the director, an authorized representative of the Director, or Division staff, upon the presentation of proper credentials, to enter the property during normal business hours. [15A NCAC 02H .0502(e)]
39. Non-compliance with or violation of the conditions herein set forth by a specific project may result in revocation of this Certification for the project and/or may result in criminal and/or civil penalties. [15A NCAC 02H .0507(d) and G.S. 143-215.6A and 143-215.6B]

This approval to proceed with your proposed impacts or to conduct impacts to waters as depicted in your application shall expire upon expiration of the 404 Permit. The conditions in effect on the date of issuance shall remain in effect for the life of the project, regardless of the expiration date of this Certification. [15A NCAC 02H .0507(d)(2) and 15A NCAC 02H .0506]

This the 26<sup>th</sup> day of January 2018



Linda Culpepper, Interim Director  
Division of Water Resources

LC/kah/jab

WQC004162

APPENDIX C-1 REVISED 11/3/2017

Wetland and Waterbody Crossings for the Atlantic Coast Pipeline within the U.S. Army Corps of Engineers - Wilmington District

Single Crossing ID	MP	Feature ID	County	HUC #	Project Facility Crossed	Waterbody Name	Waterbody Regime	Pipeline Centerline Crossing (feet)	Waterbody Access Road Centerline Crossing (feet)	Temporary Affected Bank Length (feet)	Permanent Waterbody Impact (acres)	Construction Method	Waterbody Restoration Type	Crowdm Class.	Wetland Temporary Impact (acres)	Wetland Conversion (acres)	Wetland Loss (acres)	State Reg. Class	Time of Year Restrictions	Latitude	Longitude
NC AP-2 001	0.3	wat0021	Northampton County	03010204	Perm ROW	Wetland	NA	279	NA	NA	NA	Open Cut- Wetland	N/A	PFO	2.29	0.95	0.00	NA	NA	36.531848	-77.510660
NC AP-2 002	0.4	wat005	Northampton County	03010204	Temp AR, Perm ROW	Jacks Swamp	Intermittent	6	NA	89	NA	Dam and Pump and Perm AR - Replace Culvert	1	NA	NA	NA	NA	C	NA	36.534057	-77.508654
NC AP-2 003	0.7	wat0011	Northampton County	03010204	Perm ROW	Wetland	NA	96	NA	NA	NA	Open Cut- Wetland	N/A	PFO	0.19	0.07	0.00	NA	NA	36.53334	-77.51335
NC AP-2 004	1.0	wat0011	Northampton County	03010204	Temp ROW	Wetland	NA	400	NA	NA	NA	Open Cut- Wetland	N/A	PFO	0.82	0.34	0.00	NA	NA	36.53082	-77.51499
NC AP-2 005	1.1	wat005	Northampton County	03010204	Temp ROW	UNIT to Jacks Swamp	Intermittent	4	NA	76	NA	Dam and Pump at Flume	1	NA	NA	NA	NA	C	NA	36.52984	-77.51563
NC AP-2 006	1.2	wat0010	Northampton County	03010204	Perm ROW	Wetland	NA	352	NA	NA	NA	Open Cut- Wetland	N/A	PFO	0.62	0.24	0.00	NA	NA	36.52795	-77.51762
NC AP-2 007	1.4	wat0010	Northampton County	03010204	Temp ROW	Wetland	NA	1007	NA	NA	NA	Open Cut- Wetland	N/A	PFO	1.70	0.69	0.00	NA	NA	36.52508	-77.51850
NC AP-2 008	1.6	wat008	Northampton County	03010204	Temp ROW	Wetland	NA	169	NA	NA	NA	Open Cut- Wetland	N/A	PFO	0.26	0.11	0.00	NA	NA	36.52264	-77.51982
NC AP-2 009	1.8	wat007	Northampton County	03010204	Temp ROW	Wetland	NA	784	NA	NA	NA	Open Cut- Wetland	N/A	PFO	1.79	0.54	0.00	NA	NA	36.51978	-77.52198
NC AP-2 010	1.9	wat006	Northampton County	03010204	Temp ROW	Jacks Swamp	Perennial	30	NA	121	NA	Dam and Pump	1	NA	NA	NA	NA	C, NSW	NA	36.51813	-77.52207
NC AP-2 011	3.1	wat009	Northampton County	03010204	Temp ROW	Wetland	NA	228	NA	NA	NA	Open Cut- Wetland	N/A	PFO	0.41	0.16	0.00	NA	NA	36.50329	-77.52618
NC AP-2 012	3.4	wat002	Northampton County	03010204	Temp ROW	Wetland	NA	154	NA	NA	NA	Open Cut- Wetland	N/A	PFO	0.28	0.11	0.00	NA	NA	36.50863	-77.53057
NC AP-2 013	3.5	wat002	Northampton County	03010204	Temp ROW	Wetland	NA	43	NA	NA	NA	Open Cut- Wetland	N/A	PBM	0.07	0.00	0.00	NA	NA	36.49874	-77.53105
NC AP-2 014	3.6	wat002	Northampton County	03010204	Temp ROW	Wetland	NA	427	NA	NA	NA	Open Cut- Wetland	N/A	PFO	0.74	0.29	0.00	NA	NA	36.49809	-77.53212



Wetland and Waterbody Crossings for the Atlantic Coast Pipeline within the U.S. Army Corps of Engineers - Wilmington District

Single Crossing ID	MP	Feature ID	County	HUC's	Project Facility Crossed	Waterbody Name	Waterbody Regime	Pipeline Crossing (feet)	Waterbody Access Road Crossing (feet)	Temporary Bank Length (feet)	Permanent Bank Length (feet)	Construction Method	Waterbody Restoration Type	Comorbidity Class	Wetland Conversion (acres)	Wetland Loss (acres)	State Risk Class	Time of Year Restrictions	Latitude	Longitude
NC AP-2 012	5.1	wap023f	Northampton County	05010107	Perm ROW	Wetland	NA	290	NA	NA	NA	Open Cut-Wetland	N/A	PFO	0.14	0.00	NA	NA	36.48386	-77.64902
NC AP-2 013	6.6	wap014f	Northampton County	05010107	Perm ROW	Wetland	NA	NA	NA	NA	NA	Not Crossed by Centerline	N/A	DFD	0.00	0.00	NA	NA	36.46540	-77.55156
NC AP-2 014	8.0	wap005f	Northampton County	05010107	Perm ROW	Wetland	NA	77	NA	NA	NA	Open Cut-Wetland	N/A	PFO	0.14	0.00	NA	NA	36.44491	-77.64982
NC AP-2 015	8.2	sub010	Northampton County	05010107	Perm ROW	UNT to Trouble Field Creek	Intermittent	NA	NA	60	NA	Perm AR	N/A	NA	NA	NA	C	NA	36.44203	-77.65017
NC AP-2 016	8.5	wap006f	Northampton County	05010107	Temp ROW	Wetland	NA	180	NA	NA	NA	Open Cut-Wetland	N/A	PFO	0.26	0.00	NA	NA	36.43811	-77.55199
NC AP-2 017	8.5	ap020f	Northampton County	05010107	Perm ROW	UNT to Fennie Field Creek	Perennial	5	NA	77	NA	Dam and Pump or Flume	N/A	NA	NA	NA	C	NA	36.43780	-77.55201
NC AP-2 018	8.5	sub009	Northampton County	05010107	Perm ROW	UNT to Trouble Field Creek	Perennial	NA	NA	30	NA	Perm AR	I	NA	NA	NA	C	NA	36.43984	-77.55970
NC AP-2 019	9.6	sub003f	Northampton County	05010107	Temp ROW	UNT to Trouble Field Creek	Intermittent	5	NA	116	NA	Dam and Pump or Flume	I	NA	NA	NA	C	NA	36.43329	-77.55387
NC AP-2 020	9.6	sub005f	Northampton County	05010107	Perm ROW	Wetland	NA	3	NA	NA	NA	Open Cut-Wetland	N/A	PFO	0.00	0.00	NA	NA	36.42311	-77.64640
NC AP-2 021	10.1	whf002f	Halden County	05010107	Perm ROW	UNT to Roanoke River	Perennial	3	NA	83	NA	Dam and Pump or Flume	I	NA	NA	NA	C	February 1 to June 30 August 15 through November 15 April 15 to June 15 and August 15 to September 30 May 15 to July 31	36.41988	-77.56067
NC AP-2 022	10.1	whf002f	Halden County	05010107	Temp ROW	Wetland	NA	134	NA	NA	NA	Open Cut-Wetland	N/A	PFO	0.30	0.00	NA	NA	36.41646	-77.56313

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Wetland and Waterbody Crossings for the Atlantic Coast Pipeline within the  
U.S. Army Corps of Engineers - Wilmington District

Single Complete Crossing ID#	MP	Feature ID#	County	HUC#	Project Facility Crossed	Waterbody Name	Waterbody Regime	Pipeline Centerline Crossing (feet)	Waterbody Access Road Centerline Crossing (feet)	Temporary Affected Bank Length Workspace (feet)	Permanently Affected Bank Length Access Road (feet)	Permanent Waterbody Impact (acres)	Construction Method	Waterbody Restoration Type	Cowardin Class.	Wetland Temporarily Impacted (acres)	Wetland Conversion (acres)	Wetland Loss (acres)	State Reg. Class.	Time of Year Restrictions	Latitude	Longitude
NC AP-2 022	10.7	whl0001	Halifax County	03010107	ROW	Wetland	NA	88	NA	NA	NA	NA	Open Cut-Wetland	N/A	PFO	0.15	0.06	0.00	NA	NA	36.40611	-77.56016
		whc0021	Halifax County	03010107	ROW	Wetland	NA	43	NA	NA	NA	NA	Open Cut-Wetland	N/A	PFO	0.15	0.04	0.00	NA	NA	36.40148	-77.57773
NC AP-2 023	11.4	shw0064	Halifax County	03010107	Temp ROW	UNT to Marsh Island Gut	Intermittent	11	NA	125	NA	NA	Dam and Pump at Flume	I	NA	NA	NA	NA	C	NA	36.40140	-77.57588
NC AP-2 024	11.6	whc0025	Halifax County	03010107	Temp ROW	Wetland	NA	53	NA	NA	NA	NA	Open Cut-Wetland	N/A	PEM	0.09	0.00	0.00	NA	NA	36.40259	-77.58226
NC AP-2 025	11.7	whc0046	Halifax County	03010107	Temp ROW	Wetland	NA	47	NA	NA	NA	NA	Open Cut-Wetland	N/A	PEM	0.09	0.00	0.00	NA	NA	36.40226	-77.58327
		shk0001	Halifax County	03010107	Temp ROW	Marsh Island Gut	Open Water	1	NA	NA	NA	NA	Open Cut	N/A	NA	NA	NA	NA	NA	NA	36.40154	-77.58363
NC AP-2 026	11.8	whc0054	Halifax County	03010107	Temp ROW	Wetland	NA	11	NA	NA	NA	NA	Open Cut-Wetland	N/A	PFO	0.04	0.01	0.00	NA	NA	36.40131	-77.58446
		whc0066	Halifax County	03010107	Temp ROW	Wetland	NA	29	NA	NA	NA	NA	Open Cut-Wetland	N/A	PFO	0.11	0.05	0.00	NA	NA	36.40027	-77.58442
		shk0093	Halifax County	03010107	Temp ROW	UNT to Marsh Island Gut	Intermittent	5	NA	79	NA	NA	Dam and Pump at Flume	I	NA	NA	NA	NA	C	NA	36.40014	-77.58489
NC AP-2 027	11.9	shs0064	Halifax County	03010107	Temp ROW	UNT to Marsh Island Gut	Intermittent	0	NA	158	NA	NA	Dam and Pump at Flume	I	NA	NA	NA	NA	C	NA	36.39960	-77.58462
NC AP-2 028	12.4	shk0092	Halifax County	03010107	Temp ROW	UNT to Marsh Island Gut	Intermittent	5	NA	122	NA	NA	Dam and Pump at Flume	I	NA	NA	NA	NA	C	NA	36.39301	-77.58516
NC AP-2 029	12.4	shs0091	Halifax County	03010107	Temp ROW	UNT to Marsh Island Gut	Intermittent	7	NA	179	NA	NA	Dam and Pump at Flume	I	NA	NA	NA	NA	C	NA	36.39754	-77.58484
NC AP-2 030	12.8	whc0061	Halifax County	03010107	Temp ROW	Wetland	NA	127	NA	NA	NA	NA	Open Cut-Wetland	N/A	PFO	0.21	0.10	0.00	NA	NA	36.38822	-77.58811
NC AP-2 031	13.2	shk0001	Halifax County	03010107	Temp ROW	Wetland	NA	114	NA	NA	NA	NA	Open Cut-Wetland	N/A	PFO	0.16	0.07	0.00	NA	NA	36.38450	-77.58947
NC AP-2 032	13.3	shw0093	Halifax County	03010107	Temp ROW	Marsh Island Gut	Intermittent	4	NA	107	NA	NA	Dam and Pump at Flume	I	NA	NA	NA	NA	C	NA	36.38138	-77.59104

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Wetland and Waterbody Crossings for the Atlantic Coast Pipeline within the  
U.S. Army Corps of Engineers - Wilmington District

Single Complete Crossing ID	MP	Feature ID	County	HUC	Project Facility Crossed	Waterbody Name	Waterbody Regime	Pipeline Centerline Crossing (feet)	Waterbody Access Road Crossing (feet)	Temporary Affected Bank Length (feet)	Permanent Affected Bank Length (feet)	Permanent Waterbody Impact (acres)	Construction Method	Waterbody Restoration Type	Cowardin Class	Wetland Temp Impact (acres)	Wetland Conversion (acres)	Wetland Loss (acres)	State Reg. Class	Time of Year Restrictions	Latitude	Longitude
NC AP-2 012	13.6	wh10023	Halifax County	03010107	Temp ROW	Wetland	NA	12	NA	NA	NA	NA	Open Cut-Wetland	NA	PSS	0.01	0.00	0.00	NA	NA	36.37708	-77.69370
NC AP-2 013	13.6	sh10061	Halifax County	03010107	Temp ROW	UNT to Roanoke River	Perennial	9	NA	81	NA	NA	Dam and Pump or Flume	I	NA	NA	NA	NA	C	NA	36.37701	-77.59370
NC AP-2 014	13.6	wh10003	Halifax County	03010107	Temp ROW	Wetland	NA	157	NA	NA	NA	NA	Open Cut-Wetland	NA	PEO	0.28	0.11	0.00	NA	NA	36.37704	-77.59412
NC AP-2 015	13.9	sh10062	Halifax County	03010107	Temp ROW	UNT to Roanoke River	Intermittent	8	NA	142	NA	NA	Dam and Pump or Flume	I	NA	NA	NA	NA	C	NA	36.37492	-77.59872
NC AP-2 016	13.9	wh10004	Halifax County	03010107	Temp ROW	Wetland	NA	24	NA	NA	NA	NA	Open Cut-Wetland	NA	PSS	0.05	0.01	0.00	NA	NA	36.37367	-77.59932
NC AP-2 017	14.1	sh10003	Halifax County	03010107	Temp ROW	UNT to Roanoke River	Perennial	3	NA	124	NA	NA	Dam and Pump or Flume	I	NA	NA	NA	NA	C	NA	36.37229	-77.60411
NC AP-2 018	14.1	sh10004	Halifax County	03010107	Temp ROW	UNT to Roanoke River	Perennial	13	NA	146	NA	NA	Dam and Pump or Flume	I	NA	NA	NA	NA	C	NA	36.37382	-77.60115
NC AP-2 019	14.1	sh10005	Halifax County	03010107	Temp ROW	Wetland	Perennial	NA	NA	36	NA	NA	Not Crossed by Centerline	NA	NA	NA	NA	NA	C	NA	36.37373	-77.60313
NC AP-2 020	14.4	wh10016	Halifax County	03010107	Temp ROW	Wetland	NA	86	NA	NA	NA	NA	Open Cut-Wetland	NA	PEO	0.14	0.06	0.00	NA	NA	36.36643	-77.60781
NC AP-2 021	14.4	sh10062	Halifax County	03010107	Temp ROW	UNT to the Roanoke River	Perennial	3	NA	85	NA	NA	Dam and Pump or Flume	I	NA	NA	NA	NA	C	NA	36.37050	-77.60703
NC AP-2 022	14.6	wh10003	Halifax County	03010107	Temp ROW	Wetland	NA	387	NA	NA	NA	NA	Open Cut-Wetland	NA	PEO	1.07	0.27	0.00	NA	NA	36.36642	-77.61168
NC AP-2 023	14.7	sh10004	Halifax County	03010107	Temp ROW	UNT to the Roanoke River	Perennial	10	NA	248	NA	NA	Dam and Pump or Flume	I	NA	NA	NA	NA	C	NA	36.36633	-77.61147
NC AP-2 024	15.0	wh10044	Halifax County	03010107	Temp ROW	Wetland	NA	160	NA	NA	NA	NA	Open Cut-Wetland	NA	PEO	0.46	0.11	0.00	NA	NA	36.36227	-77.61336
NC AP-2 025	15.3	wh10077	Halifax County	03010107	Temp ROW	Wetland	NA	63	NA	NA	NA	NA	Open Cut-Wetland	NA	PEO	0.40	0.05	0.00	NA	NA	36.36389	-77.61951

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Wetland and Waterbody Crossings for the Atlantic Coast Pipeline within the U.S. Army Corps of Engineers - Wilmington District

Single Crossing ID	MP	Feature ID	County	HUC 8	Project Facility Crossed	Waterbody Name	Waterbody Regime	Pipeline Centerline Crossing (feet)	Waterbody Access Road Centerline Crossing (feet)	Temporary Affected Bank Length Workspace (feet)	Permanent Affected Bank Length Access Road (feet)	Permanent Waterbody Impact (acres)	Construction Method	Waterbody Restoration (FECA)	Cowardin Class.	Wetland Temporary Impact (acres)	Wetland Conversion (acres)	Wetland Loss (acres)	State Reg. Class.	Time of Year Restrictions	Latitude	Longitude
	15.3	wb10077	Halifax County	03010107	Perm ROW, Temp ROW	Wetland	NA	89	NA	NA	NA	NA	Open Cut-Wetland	NA	PEFI	0.18	0.06	0.00	NA	NA	36.36190	-77.61993
	15.4	wb10084	Halifax County	03010107	Perm ROW, Temp ROW	US1 to Little Quincey Creek	Perennial	NA	NA	14	NA	NA	Not Crossed by Centerline	NA	NA	NA	NA	NA	C	NA	36.36182	-77.61963
NC AP-2 042	15.5	wb10081	Halifax County	03010107	Perm ROW, Temp ROW	Wetland	NA	228	NA	NA	NA	NA	Open Cut-Wetland	NA	PEM	0.43	0.00	0.00	NA	NA	36.35912	-77.62110
NC AP-2 043	15.7	wb10093	Halifax County	03010107	Perm ROW, Temp ROW	Wetland	NA	153	NA	NA	NA	NA	Open Cut-Wetland	NA	PEO	0.27	0.11	0.00	NA	NA	36.35967	-77.62116
NC AP-2 044	15.8	wb10054	Halifax County	03010107	Perm ROW, Temp ROW	Wetland	NA	746	NA	NA	NA	NA	Open Cut-Wetland	NA	PEO	1.35	0.52	0.00	NA	NA	36.35407	-77.62307
NC AP-2 045	16.6	wb10098	Halifax County	03010107	Perm ROW, Temp ROW	Wetland	NA	98	NA	NA	NA	NA	Open Cut-Wetland	NA	PSS	0.21	0.02	0.00	NA	NA	36.34485	-77.62750
	16.9	wb10084	Halifax County	03010107	Perm ROW, Temp ROW	Wetland	NA	141	NA	NA	NA	NA	Open Cut-Wetland	NA	PEO	0.36	0.11	0.00	NA	NA	36.34688	-77.63083
	16.9	wb10085	Halifax County	03010107	Perm ROW, Temp ROW	Wetland	NA	46	NA	NA	NA	NA	Open Cut-Wetland	NA	PEM	0.09	0.00	0.00	NA	NA	36.34412	-77.63046
NC AP-2 046	16.9	wb10066	Halifax County	03010107	Perm ROW, Temp ROW	Quincey Creek	Perennial	18	NA	NA	NA	NA	Dam and Pump or Pipeline	I	NA	NA	NA	NA	C	NA	36.34087	-77.63163
NC AP-2 047	17.0	wb10072	Halifax County	03010107	Perm ROW, Temp ROW	Wetland	NA	NA	NA	NA	NA	NA	Not Crossed by Centerline	NA	PEM	0.14	0.00	0.00	NA	NA	36.34045	-77.63268
NC AP-2 048	17.1	wb10065	Halifax County	03010107	Perm ROW, Temp ROW	Wetland	NA	NA	NA	NA	NA	NA	Not Crossed by Centerline	NA	PSS	0.07	0.00	0.00	NA	NA	36.34050	-77.63125
	17.2	wb10061	Halifax County	03010107	Perm ROW, Temp ROW	Linwood Pond	Pond	16	NA	NA	NA	NA	Pond	NA	NA	NA	NA	NA	NA	NA	36.33976	-77.63096
NC AP-2 049	17.2	wb10085	Halifax County	03010107	Perm ROW, Temp ROW	US1 to Quincey Creek	Intermittent	9	NA	81	NA	NA	Dam and Pump or Pipeline	I	NA	NA	NA	NA	C	NA	36.33960	-77.63088

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Wetland and Waterbody Crossings for the Atlantic Coast Pipeline within the U.S. Army Corps of Engineers - Wilmington District

Single Complete Crossing ID#	MP	Feature ID#	County	HEC#	Project Facility Crossed	Waterbody Name	Waterbody Regime	Pipeline Crossing (feet)	Waterbody Access Road Crossing (feet)	Temporary Affected Bank Length (feet)	Permanent Affected Bank Length (feet)	Permanently Impacted Wetland (acre)	Construction Method	Waterbody Restoration Type	Crossing Class	Wetland Temporal Impact (acres)	Wetland Conversion (acres)	Wetland Loss (acres)	State Reg. Class	Time of Year Restrictions	Latitude	Longitude
NC AP-2 050	17.3	whlg0054	Halifax County	03020107	Temp ROW	Wetland	NA	NA	NA	NA	NA	NA	Not Crossed by Centerline	N/A	PEO	0.01	0.00	0.00	NA	NA	36.13622	-77.64658
NC AP-2 051	17.4	shlg005	Halifax County	03020107	Temp ROW	UNT to Quincey Creek	Intermittent	NA	NA	262	NA	NA	Not Crossed by Centerline	N/A	NA	NA	NA	NA	C	NA	36.13877	-77.63817
NC AP-2 052	17.5	whlg0055	Halifax County	03020107	Temp ROW	Wetland	NA	582	NA	NA	NA	NA	Open Cut-Wetland	N/A	PEO	1.03	0.37	0.00	NA	NA	36.13738	-77.63965
NC AP-2 053	17.8	whlg0056	Halifax County	03020107	Temp ROW	Wetland	NA	567	NA	NA	NA	NA	Open Cut-Wetland	N/A	PEO	1.01	0.39	0.00	NA	NA	36.13356	-77.64235
NC AP-2 054	18.2	shlg008	Halifax County	03020102	Temp ROW	UNT to Marsh Swamp	Epifaunal	NA	NA	107	NA	NA	Not Crossed by Centerline	N/A	NA	NA	NA	NA	C	NA	36.12847	-77.64513
NC AP-2 055	18.2	whlg050c	Halifax County	03020102	Temp ROW	Wetland	NA	NA	NA	NA	NA	NA	Not Crossed by Centerline	N/A	PEM	0.00	0.00	0.00	NA	NA	36.12747	-77.64688
NC AP-2 056	18.3	shlg009	Halifax County	03020102	Temp ROW	UNT to Marsh Swamp	Intermittent	NA	NA	98	NA	NA	Not Crossed by Centerline	N/A	NA	NA	NA	NA	C	NA	36.12668	-77.64555
NC AP-2 057	18.6	shlg010	Halifax County	03020102	Temp ROW	UNT to Marsh Swamp	Perennial	17	NA	870	NA	NA	Dam and Pump Controls for Land Temporary Impact	1	NA	NA	NA	NA	C	NA	36.12402	-77.64645
NC AP-2 058	19.2	whlg010	Halifax County	03020102	Temp ROW	Wetland	NA	283	NA	NA	NA	NA	Open Cut-Wetland	N/A	PEO	0.42	0.28	0.00	NA	NA	36.11481	-77.65599
NC AP-2 059	19.6	whlg020	Halifax County	03020102	Temp ROW	Wetland	NA	NA	NA	NA	NA	NA	Open Cut-Wetland	N/A	PEO	0.00	0.00	0.00	NA	NA	36.10807	-77.65196
NC AP-2 060	19.7	whlg009f	Halifax County	03020102	Temp ROW	Wetland	NA	168	NA	NA	NA	NA	Open Cut-Wetland	N/A	PEO	5.61	2.18	0.00	NA	NA	36.10574	-77.66192
NC AP-2 061	20.1	shlg008	Halifax County	03020102	Temp ROW	Marsh Swamp	Perennial	15	NA	78	NA	NA	Dam and Pump	1	NA	NA	NA	NA	C, Sw. NSW	NA	36.10562	-77.66204
NC AP-2 062	20.4	whlg008f	Halifax County	03020102	Temp ROW	Wetland	NA	111	NA	NA	NA	NA	Open Cut-Wetland	N/A	PEO	0.14	0.08	0.00	NA	NA	36.10407	-77.66496
NC AP-2 063	20.5	shlg007	Halifax County	03020102	Temp ROW	UNT to Marsh Swamp	Intermittent	6	NA	123	NA	NA	Dam and Pump or Filling	1	NA	NA	NA	NA	C	NA	36.10437	-77.66507

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Wetland and Waterbody Crossings for the Atlantic Coast Pipeline within the U.S. Army Corps of Engineers - Wilmington District

Single Complete Crossing ID	MP	Feature ID	County	HUC 8	Project Facility Crossing	Wetland Name	Wetland Regime	Pipeline Crossing (feet)	Wetland Access Road Crossing (feet)	Temporary Affected Bank Workspace (feet)	Permittee Affected Bank Length Access Road (feet)	Permanent Wetland Impact (acres)	Construction Method	Waterbody Renovation TYPE I	Cowardin Class.	Wetland Temporary Impact (acres)	Wetland Conversion (acres)	Wetland Loss (acres)	State Reg. Class	Time of Year Restrictions	Latitude	Longitude
NC AP-2 060	20.6	wh1012	Halifax County	01020102	Perm ROW	Wetland	NA	525	NA	NA	NA	NA	Open Cut- Wetland	N/A	PEM	0.66	0.00	0.00	NA	NA	36.29804	-77.66438
NC AP-2 061	20.7	wh1013	Halifax County	01020102	Perm ROW	Wetland	NA	10	NA	NA	NA	NA	Open Cut- Wetland	N/A	PFO	0.01	0.01	0.00	NA	NA	36.29674	-77.66492
NC AP-2 062	21.0	wh1014	Halifax County	01020102	Perm ROW	UNT to Marsh Swamp	Intermittent	4	NA	116	NA	NA	Dam and Pump or Flume	I	NA	NA	NA	NA	C	NA	36.29436	-77.66344
NC AP-2 063	21.1	wh1015	Halifax County	01020102	Perm ROW	Wetland	NA	1949	NA	NA	NA	NA	Open Cut- Wetland	N/A	PSS	3.61	0.45	0.00	NA	NA	36.29408	-77.67050
NC AP-2 064	21.5	wh1016	Halifax County	01020102	Temp ROW	Wetland	NA	270	NA	NA	NA	NA	Open Cut- Wetland	N/A	PEU	0.46	0.30	0.00	NA	NA	36.28796	-77.67286
NC AP-2 065	21.6	wh1017	Halifax County	01020102	Temp ROW	Wetland	NA	521	NA	NA	NA	NA	Open Cut- Wetland	N/A	PTD	0.01	0.36	0.00	NA	NA	36.28657	-77.67306
NC AP-2 066	21.9	wh1018	Halifax County	01020102	Temp ROW	Wetland	NA	152	NA	NA	NA	NA	Open Cut- Wetland	N/A	PH1	0.26	0.11	0.00	NA	NA	36.28429	-77.67387
NC AP-2 067	22.0	wh1019	Halifax County	01020102	Temp ROW	Wetland	NA	166	NA	NA	NA	NA	Open Cut- Wetland	N/A	PH1	0.29	0.11	0.00	NA	NA	36.28124	-77.67347
NC AP-2 068	22.2	wh1020	Halifax County	01020102	Temp ROW	Wetland	NA	338	NA	NA	NA	NA	Open Cut- Wetland	N/A	PEM	0.56	0.09	0.00	NA	NA	36.28681	-77.67970
NC AP-2 069	22.3	wh1021	Halifax County	01020102	Temp ROW	Wetland	NA	172	NA	NA	NA	NA	Open Cut- Wetland	N/A	PEU	0.32	0.12	0.00	NA	NA	36.27924	-77.68042
NC AP-2 070	22.7	wh1022	Halifax County	01020102	Temp ROW	Wetland	NA	252	NA	NA	NA	NA	Open Cut- Wetland	N/A	PEU	0.43	0.17	0.00	NA	NA	36.27704	-77.68309
NC AP-2 071	22.8	wh1023	Halifax County	01020102	Temp ROW	UNT to Beaverdam Swamp	Intermittent	5	NA	98	NA	NA	Dam and Pump or Flume	I	NA	NA	NA	NA	C	NA	36.27774	-77.68560
NC AP-2 072	23.0	wh1024	Halifax County	01020102	Temp ROW	Wetland	NA	727	NA	NA	NA	NA	Open Cut- Wetland	N/A	PEU	1.29	0.56	0.00	NA	NA	36.26811	-77.68644
NC AP-2 073	23.1	wh1025	Halifax County	01020102	Temp ROW	Beaverdam Swamp	Perennial	63	NA	84	NA	NA	Flume	I	NA	NA	NA	NA	C-5w NSW	NA	36.26454	-77.68300
NC AP-2 074	23.3	wh1026	Halifax County	01020102	Temp ROW	UNT to Beaverdam Swamp	Intermittent	4	NA	107	NA	NA	Flume or Dam and Pump	I	NA	NA	NA	NA	C	NA	36.26415	-77.68108

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Wetland and Waterbody Crossings for the Atlantic Coast Pipeline within the U.S. Army Corps of Engineers - Wilmington District

Single Complete Crossing ID	MP	Feature ID	County	HUC 8	Project Facility Crossings	Waterbody Name	Waterbody Regime	Pipeline Centerline Crossing (feet)	Waterbody Access Road Crossing (feet)	Temporary Affected Bank Length (feet)	Permanent Affected Bank Length (feet)	Perennial Waterbody Impact (feet)	Construction Method	Waterbody Re-configuration Type	Concurrent Class	Wetland Temporary Impact (acres)	Wetland Conversion (acres)	Wetland Loss (acres)	State Risk Class	Time of Year Restrictions	Latitude	Longitude
NC AP-2 070	23.8	wb10101	Halifax County	01020102	Temp ROW	Wetland	NA	205	NA	NA	NA	NA	Open Cur. Wetland	N/A	PEU	0.34	0.00	0.00	NA	NA	36.26448	-77.69377
NC AP-2 071	23.6	wb10102	Halifax County	01020102	Temp ROW	UNT to Reversion Swamp	Intermittent	4	NA	79	NA	NA	Flume or Dam and Pump	I	NA	NA	NA	NA	C	NA	36.26333	-77.69387
NC AP-2 072	23.8	wb10103	Halifax County	01020102	Temp ROW	Wetland	NA	305	NA	NA	NA	NA	Open Cur. Wetland	N/A	PEU	0.53	0.00	0.00	NA	NA	36.25937	-77.69387
NC AP-2 073	24.0	wb10104	Halifax County	01020102	Temp ROW	UNT to Reversion Swamp	Perennial	5	NA	83	NA	NA	Flume or Dam and Pump	I	NA	NA	NA	NA	C	NA	36.25828	-77.69366
NC AP-2 074	24.2	wb10105	Halifax County	01020102	Temp ROW	Wetland	NA	1241	NA	NA	NA	NA	Open Cur. Wetland	N/A	PSS	2.12	0.00	0.00	NA	NA	36.25413	-77.70311
NC AP-2 075	24.6	wb10106	Halifax County	01020102	Temp ROW	Wetland	NA	299	NA	NA	NA	NA	Open Cur. Wetland	N/A	PEU	0.38	0.00	0.00	NA	NA	36.25153	-77.70479
NC AP-2 076	24.7	wb10107	Halifax County	01020102	Temp ROW	Wetland	NA	455	NA	NA	NA	NA	Open Cur. Wetland	N/A	PEU	0.88	0.00	0.00	NA	NA	36.24882	-77.70617
NC AP-2 077	24.6	wb10108	Halifax County	01020102	Temp ROW	Wetland	NA	NA	270	NA	NA	NA	Perennial Wetland Loss	N/A	PEM	0.00	0.00	0.13	NA	NA	36.25244	-77.70877
NC AP-2 078	24.9	wb10109	Halifax County	01020102	Temp ROW	UNT to Reversion Swamp	NA	443	NA	NA	NA	NA	Open Cur. Wetland	N/A	PEU	0.78	0.00	0.00	NA	NA	36.24498	-77.70873
NC AP-2 079	25.0	wb10110	Halifax County	01020102	Temp ROW	Wetland	NA	108	NA	NA	NA	NA	Open Cur. Wetland	N/A	PEU	0.19	0.00	0.00	NA	NA	36.24675	-77.70921
NC AP-2 080	25.0	wb10111	Halifax County	01020102	Temp ROW	UNT to Reversion Swamp	Intermittent	3	NA	94	NA	NA	Dam and Pump or Flume	I	NA	NA	NA	NA	C	NA	36.24669	-77.70918
NC AP-2 081	25.2	wb10112	Halifax County	01020102	Temp ROW	Wetland	NA	107	NA	NA	NA	NA	Open Cur. Wetland	N/A	PEU	0.18	0.00	0.00	NA	NA	36.24465	-77.71159
NC AP-2 082	25.3	wb10113	Halifax County	01020102	Temp ROW	Wetland	NA	1165	NA	NA	NA	NA	Open Cur. Wetland	N/A	PEU	2.06	0.00	0.00	NA	NA	36.24179	-77.71153
NC AP-2 083	25.8	wb10114	Halifax County	01020102	Temp ROW	Wetland	NA	399	NA	NA	NA	NA	Open Cur. Wetland	N/A	PEU	0.71	0.00	0.00	NA	NA	36.24531	-77.71712
NC AP-2 084	26.3	wb10115	Halifax County	01020102	Temp ROW	Wetland	NA	1880	NA	NA	NA	NA	Open Cur. Wetland	N/A	PEU	3.24	0.00	0.00	NA	NA	36.25221	-77.72153

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Wetland and Waterbody Crossings for the Atlantic Coast Pipeline within the U.S. Army Corps of Engineers - Wilmington District

Sample Complex Crossing ID	MRP	Feature ID	County	HUC 8	Project Priority Crossed - ROW	Waterbody Name	Waterbody Regime	Pipeline Crossing (feet)	Waterbody Access Road Crossing (feet)	Temporary Affected Bank Length Workspace (feet)	Permanent Affected Bank Length Access Road (feet)	Permanent Waterbody Impact (acres)	Construction Method	Waterbody Restoration Type	Cowardin Class	Wetland Temporary Impact (acres)	Wetland Conversion (acres)	Wetland Loss (acres)	State Reg. Class	Time of Year Restrictions	Latitude	Longitude
	26.6	sh10099	Halifax County	03020102	Perm ROW	UNT to Burnt Gum Swamp	Perennial	9	NA	84	NA	NA	Dam and Pump	I	NA	NA	NA	NA	C, SW, NSW	NA	36.27818	-77.73462
NC AP-2 080	26.9	sh10010	Halifax County	03020102	Temp ROW	UNT to Burnt Gum Swamp	Intermittent	2	NA	130	NA	NA	Dam and Pump or Flange	I	NA	NA	NA	NA	C	NA	36.27454	-77.73804
	27.2	sh10051	Halifax County	03020102	Perm ROW	Wetland	NA	1350	NA	NA	NA	NA	Open Cut-Wetland	N/A	PFO	2.37	0.93	0.00	NA	NA	36.21940	-77.73181
NC AP-2 081	27.4	sh10011	Halifax County	03020102	Temp ROW	Jacket Swamp	Perennial	25	NA	83	NA	NA	Flange	I	NA	NA	NA	NA	C	NA	36.21880	-77.73459
	27.7	wh10066	Halifax County	03020102	Temp ROW	Wetland	NA	238	NA	NA	NA	NA	Open Cut-Wetland	N/A	PFO	0.41	0.16	0.00	NA	NA	36.21562	-77.73847
NC AP-2 082	27.7	sh10012	Halifax County	03020102	Temp ROW	UNT to Jacket Swamp	Intermittent	5	NA	77	NA	NA	Dam and Pump	I	NA	NA	NA	NA	C	NA	36.21569	-77.73844
	29.0	wh10071	Halifax County	03020102	Temp ROW	Wetland	NA	259	NA	NA	NA	NA	Open Cut-Wetland	N/A	PFO	0.47	0.18	0.00	NA	NA	36.20863	-77.75653
NC AP-2 083	29.0	sh10001	Halifax County	03020102	Temp ROW	UNT to Breaches Swamp	Perennial	4	NA	83	NA	NA	Dam and Pump at Flange	I	NA	NA	NA	NA	C	NA	36.20866	-77.75616
NC AP-2 084	29.0	wh10013	Halifax County	03020102	Temp-AR	Wetland	NA	NA	NA	NA	NA	NA	Not Covered by Centerline	N/A	PEM	0.60	0.00	0.00	NA	NA	36.21180	-77.75742
NC AP-2 085	29.1	sh10038	Halifax County	03020102	Temp ROW	Wetland	NA	150	NA	NA	NA	NA	Open Cut-Wetland	N/A	PFO	0.26	0.10	0.00	NA	NA	36.20716	-77.75781
NC AP-2 086	29.3	wh10019	Halifax County	03020102	Temp ROW	Wetland	NA	320	NA	NA	NA	NA	Open Cut-Wetland	N/A	PFO	0.44	0.22	0.00	NA	NA	36.20458	-77.75923
	29.7	wh10020	Halifax County	03020102	Temp ROW	Wetland	NA	418	NA	NA	NA	NA	Open Cut-Wetland	N/A	PFO	0.72	0.29	0.00	NA	NA	36.19795	-77.76117
NC AP-2 087	29.8	sh10003	Halifax County	03020102	Temp ROW	Breaches Swamp	Perennial	16	NA	87	NA	NA	Dam and Pump	I	NA	NA	NA	NA	C, SW, NSW	NA	36.19765	-77.76120
NC AP-2 088	30.7	wh10024	Halifax County	03020102	Temp ROW	Wetland	NA	716	NA	NA	NA	NA	Open Cut-Wetland	N/A	PFO	0.38	0.15	0.00	NA	NA	36.19194	-77.76304



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Wetland and Waterbody Crossings for the Atlantic Coast Pipeline within the U.S. Army Corps of Engineers - Wilmington District

Single Complete Crossing ID	MP	Feature ID	County	ILUC #	Project Facility Crossed	Waterbody Name	Waterbody Regime	Pipeline Crossing (feet)	Waterbody Access Road Crossing (feet)	Temporary Affected Bank Length (feet)	Permanent Affected Bank Length (feet)	Construction Method	Waterbody Restoration Type	Consolidation Class	Wetland Temporal Impact (acres)	Wetland Conversion (acres)	Wetland Loss (acres)	State Reg. Class	Time of Year Restrictions	Latitude	Longitude
NC AP-2 089	30.5	wh00251	Halifax County	03020102	Temp ROW	Wetland	NA	108	NA	NA	NA	Open Cut - Wetland	N/A	PFO	0.33	0.12	0.00	NA	NA	36.18818	-77.76551
NC AP-2 090	30.5	wh00115	Halifax County	03020102	Temp ROW	UNT to Rocky Swamp	Intermittent	NA	NA	97	NA	Not Crossed by Centerline	N/A	NA	NA	NA	NA	C	NA	36.18746	-77.76541
NC AP-2 091	30.9	wh00260	Halifax County	03020102	Temp ROW	Wetland	NA	111	NA	NA	NA	Open Cut - Wetland	N/A	PFO	0.57	0.73	0.00	NA	NA	36.18755	-77.77030
NC AP-2 092	31.0	wh00270	Halifax County	03020102	Temp ROW	UNT to Rocky Swamp	Intermittent	4	NA	111	NA	Dam and Pump or Flume	I	NA	NA	NA	NA	C	NA	36.18147	-77.77001
NC AP-2 093	31.2	wh00001	Halifax County	03020102	Temp ROW	UNT to Rocky Swamp	Intermittent	NA	NA	NA	NA	Not Crossed by Centerline	N/A	NA	NA	NA	NA	C	NA	36.17902	-77.77538
NC AP-2 094	31.2	wh00011	Halifax County	03020102	Temp ROW	Wetland	NA	105	NA	NA	NA	Open Cut - Wetland	N/A	PFO	0.17	0.07	0.00	NA	NA	36.17966	-77.77291
NC AP-2 095	31.2	wh00075	Halifax County	03020102	Temp ROW	UNT to Rocky Swamp	Intermittent	3	NA	56	NA	Dam and Pump or Flume	I	NA	NA	NA	NA	C	NA	36.17953	-77.77307
NC AP-2 096	31.6	wh00215	Halifax County	03020102	Temp ROW	Wetland	NA	88	NA	NA	NA	Open Cut - Wetland	N/A	PSS	0.15	0.02	0.00	NA	NA	36.17465	-77.77530
NC AP-2 097	32.0	wh00225	Halifax County	03020102	Temp ROW	Rocky Swamp	NA	455	NA	NA	NA	Open Cut - Wetland	N/A	PEM	0.50	0.00	0.00	NA	NA	36.16801	-77.77783
NC AP-2 098	32.7	wh00113	Halifax County	03020102	Temp ROW	UNT to Rocky Swamp	Intermittent	7	NA	136	NA	Dam and Pump or Flume	I	NA	NA	NA	NA	C	NA	36.16049	-77.78413
NC AP-2 099	32.8	wh00114	Halifax County	03020102	Temp ROW	UNT to Rocky Swamp	Intermittent	9	NA	169	NA	Dam and Pump or Flume	I	NA	NA	NA	NA	C	NA	36.15918	-77.78551
NC AP-2 099	33.3	wh00100	Halifax County	03020102	Temp ROW	Wetland	NA	417	NA	NA	NA	Open Cut - Wetland	N/A	PFO	1.00	0.40	0.00	NA	NA	36.15302	-77.78892
NC AP-2 098	33.5	wh00222	Halifax County	03020102	Temp ROW	UNT to Fishing Creek	Perennial	NA	NA	30	NA	Forms AR - Replace Culvert	N/A	NA	NA	NA	NA	C	NA	36.15228	-77.79068
NC AP-2 099	33.5	wh00144	Halifax County	03020102	Temp ROW	Wetland	NA	NA	142	NA	NA	Forms AR - Wetland Loss	N/A	PFO	0.00	0.00	0.12	NA	NA	36.15335	-77.79191
NC AP-2 099	33.7	wh00111	Halifax County	03020102	Temp ROW	Wetland	NA	166	NA	NA	NA	IFDD	N/A	PFO	0.00	0.00	0.00	NA	NA	36.14733	-77.79487

Wetland and Waterbody Crossings for the Atlantic Coast Pipeline within the U.S. Army Corps of Engineers - Wilmington District

Single Complete Crossing ID #	MP	Feature ID	County	HUC #	Project Facility Crossed	Waterbody Name	Waterbody Regime	Pipeline Crossing (feet)	Waterbody Access Road Crossing (feet)	Temporary Affected Bank Length (feet)	Permanent Affected Bank Length Access Road (feet)	Waterbody Impact (FEET)	Construction Method	Waterbody Restoration Type	Coastal Class.	Wetland Temperature Impact (acres)	Wetland Conversion (acres)	Wetland Loss (acres)	State Reg. Class	Time of Year Restrictions	Latitude	Longitude
NC AP-2 100	33.7	stage011	Halden County	04020102	Perm ROW	UNT to Fishing Creek	Perennial	8	NA	0	NA	NA	HDD	N/A	N/A	NA	NA	NA	C	NA	36.14747	-77.79359
NC AP-2 101	33.9	stage011	Halden County	04020102	Perm ROW	Fishing Creek	Perennial	104	NA	0	NA	NA	HDD	N/A	N/A	NA	NA	NA	MSA, NSW, NSW	February 15 to June 30	36.14842	-77.79511
NC AP-2 102	34.5	stage003	Nash County	04020102	Perm ROW	Fishing Creek	Intermittent	NA	NA	27	NA	NA	Not Crossed by Centerline	N/A	N/A	NA	NA	NA	C	NA	36.13489	-77.80230
NC AP-2 103	34.8	stage001	Nash County	04020102	Temp ROW	Wetland	NA	89	NA	NA	NA	NA	Open Cur-Wetland	N/A	PFO	0.15	0.06	0.06	NA	NA	36.13481	-77.80256
NC AP-2 104	34.8	stage002	Nash County	04020102	Temp ROW	UNT to Fishing Creek	Intermittent	5	NA	75	NA	NA	Dam and Pump or Flume	I	NA	NA	NA	NA	C	NA	36.13485	-77.80206
NC AP-2 105	34.9	stage003	Nash County	04020102	Temp ROW	Wetland	NA	126	NA	NA	NA	NA	Open Cur-Wetland	N/A	PTD	0.19	0.09	0.06	NA	NA	36.13270	-77.80434
NC AP-2 106	35.1	stage003	Nash County	04020102	Temp ROW	Wetland	NA	124	NA	NA	NA	NA	Open Cur-Wetland	N/A	PFO	0.23	0.09	0.06	NA	NA	36.13145	-77.80663
NC AP-2 107	35.1	stage004	Nash County	04020102	Temp ROW	UNT to Fishing Creek	Intermittent	4	NA	81	NA	NA	Dam and Pump or Flume	I	NA	NA	NA	NA	C	NA	36.13151	-77.80540
NC AP-2 108	36.5	stage004	Nash County	04020102	Temp ROW	Wetland	NA	191	NA	NA	NA	NA	Open Cur-Wetland	N/A	PFO	0.31	0.13	0.06	NA	NA	36.13034	-77.80678
NC AP-2 109	36.5	stage005	Nash County	04020102	Temp ROW	Wetland	NA	194.2	NA	NA	NA	NA	Open Cur-Wetland	N/A	PFO	1.77	0.72	0.06	NA	NA	36.11784	-77.81903
NC AP-2 110	36.7	stage004	Nash County	04020102	Temp ROW	Wetland	NA	123	NA	NA	NA	NA	Open Cur-Wetland	N/A	PFO	0.24	0.08	0.06	NA	NA	36.11055	-77.82071
NC AP-2 111	36.8	stage005	Nash County	04020102	Temp ROW	Wetland	NA	NA	NA	NA	NA	NA	Not Crossed by Centerline	N/A	PTD	0.69	0.06	0.06	NA	NA	36.10926	-77.81973
NC AP-2 112	37.0	stage009	Nash County	04020102	Temp ROW	Black Swamp	NA	199	NA	NA	NA	NA	Open Cur-Wetland	N/A	PFO	0.33	0.13	0.06	NA	NA	36.10265	-77.82293
NC AP-2 113	37.8	stage009	Nash County	04020102	Temp ROW	Black Swamp	NA	NA	NA	NA	NA	NA	Open Cur-Wetland	N/A	PEM	0.91	0.06	0.06	NA	NA	36.10689	-77.82333
NC AP-2 114	37.8	stage006	Nash County	04020102	Temp ROW	Wetland	NA	83	NA	NA	NA	NA	Open Cur-Wetland	N/A	PFO	0.16	0.06	0.06	NA	NA	36.10048	-77.83115
NC AP-2 115	37.9	stage008	Nash County	04020102	Temp ROW	Wetland	NA	202	NA	NA	NA	NA	Open Cur-Wetland	N/A	PSS	0.41	0.06	0.06	NA	NA	36.09048	-77.83605

APPENDIX C-1 REVISED 11/5/2017

Wetland and Waterbody Crossings for the Atlantic Coast Pipeline within the U.S. Army Corps of Engineers - Wilmington District

Single Complete Crossing ID#	MP	Feature ID#	County	HUC#	Project Facility Crossed	ROW	Waterbody Name	Waterbody Regime	Pipeline Crossing (feet)	Waterbody Access Road Crossing (feet)	Temporary Affected Bank Length Workspace (feet)	Permanent Affected Bank Length Workspace Road (feet)	Potential Waterbody Impact (acre)	Construction Method	Waterbody Resumption Type	Cowardin Class	Wetland Temporal Impact (acres)	Wetland Conversion (acres)	Wetland Loss (acres)	State Reg. Class	Time of Year Restrictions	Latitude	Longitude
NC AP-2 111	38.1	wash0094	Nash County	05020102	Temp ROW	Wetland	NA	194	NA	NA	NA	NA	NA	Open Cur- Wetland	N/A	PFO	0.28	0.13	0.00	NA	NA	36.09785	-77.84868
NC AP-2 112	38.3	wash0095	Nash County	05020102	Temp ROW	Wetland	NA	282	NA	NA	NA	NA	NA	Open Cur- Wetland	N/A	PFO	0.47	0.19	0.00	NA	NA	36.09484	-77.84039
NC AP-2 113	38.4	wash0096	Nash County	05020102	Temp ROW	Wetland	NA	31	NA	NA	NA	NA	NA	Open Cur- Wetland	N/A	PSS	0.06	0.01	0.00	NA	NA	36.09380	-77.84112
NC AP-2 114	38.5	wash0097	Nash County	05020102	Temp ROW	Wetland	NA	251	NA	NA	NA	NA	NA	Open Cur- Wetland	N/A	PFO	0.29	0.17	0.00	NA	NA	36.09783	-77.84179
NC AP-2 115	38.7	wash0098	Nash County	05020102	Temp ROW	Wetland	NA	82	NA	NA	NA	NA	NA	Open Cur- Wetland	N/A	PFO	0.16	0.06	0.00	NA	NA	36.09412	-77.84097
NC AP-2 116	38.8	wash0099	Nash County	05020102	Temp ROW	Wetland	NA	214	NA	NA	NA	NA	NA	Open Cur- Wetland	N/A	PFO	0.42	0.16	0.00	NA	NA	36.09866	-77.84665
NC AP-2 117	39.1	wash0099	Nash County	05020102	Temp ROW	Wetland	NA	459	NA	NA	NA	NA	NA	Open Cur- Wetland	N/A	PFO	0.81	0.32	0.00	NA	NA	36.08585	-77.84099
NC AP-2 118	39.2	wash0101	Nash County	05020102	Temp ROW	Wetland	NA	846	NA	NA	NA	NA	NA	Open Cur- Wetland	N/A	PFO	1.49	0.58	0.00	NA	NA	36.08735	-77.84135
NC AP-2 119	39.7	wash0100	Nash County	05020101	Temp ROW	Wetland	NA	6	NA	NA	NA	NA	NA	Open Cur- Wetland	N/A	PFO	0.05	0.01	0.00	NA	NA	36.08609	-77.85631
NC AP-2 120	39.9	wash0100	Nash County	05020101	Temp ROW	Wetland	Intermittent	2	NA	NA	NA	NA	NA	Dam and Pump air Flume	I	NA	NA	NA	NA	C	NA	36.07969	-77.85591
NC AP-2 121	39.9	wash0101	Nash County	05020101	Temp ROW	Wetland	Intermittent	5	NA	NA	NA	NA	NA	Open Cur- Wetland	N/A	PFO	0.17	0.07	0.00	NA	NA	36.07737	-77.85567
NC AP-2 122	40.1	wash0101	Nash County	05020101	Temp ROW	Wetland	Intermittent	259	NA	NA	NA	NA	NA	Dam and Pump air Flume	I	NA	NA	NA	NA	C	NA	36.07789	-77.85701
NC AP-2 123	40.2	wash0101	Nash County	05020101	Temp ROW	Wetland	Intermittent	NA	NA	NA	NA	NA	NA	Open Cur- Wetland	N/A	PFO	0.41	0.17	0.00	NA	NA	36.07541	-77.86021
NC AP-2 124	40.2	wash0101	Nash County	05020101	Temp ROW	Wetland	Perennial	NA	NA	NA	NA	NA	NA	Not Crossed by Centerline	N/A	NA	NA	NA	NA	C	NA	36.07501	-77.86012

APPENDIX C-1 REVISED 11/3/2017

Wetland and Waterbody Crossings for the Atlantic Coast Pipeline within the U.S. Army Corps of Engineers - Wilmington District

Single Complete Resource ID	MP	Feature ID	County	HUC 8	Project Facility Crossed	Waterbody Name	Waterbody Regime	Pipeline Crossing (feet)	Waterbody Access Road Crossing (feet)	Temporary Affected Bank Length (feet)	Permanent Affected Bank Length (feet)	Construction Method	Waterbody Restoration Type	Cowardin Class	Wetland Temporary Impact (acres)	Wetland Concession (acres)	Wetland Loss (acres)	State Reg. Class	Time of Year Restrictions	Latitude	Longitude
NC AP-2 124	40.3	wnab028	Nash County	04020101	Temp ATWS	UNT to Swift Creek	Perennial	NA	NA	NA	NA	Not Crossed by Centrifuge	N/A	NA	NA	NA	NA	C	NA	36.07340	-77.66073
NC AP-2 125	40.3	wnab029	Nash County	04020101	Temp ATWS	UNT to Swift Creek	Perennial	6	NA	129	NA	Dam and Pump or Flume	I	NA	NA	NA	NA	C	NA	36.07282	-77.86228
NC AP-2 124	40.6	wnab033	Nash County	04020101	Perm ROW	Swift Creek	Perennial	118	NA	8	NA	HD	N/A	NA	NA	NA	NA	AFSA, C, NSW	February 15 to June 30	36.07105	-77.86353
NC AP-2 125	40.9	wnab036	Nash County	04020101	Perm ROW	UNT to Flat Rock Branch	Perennial	9	NA	92	NA	Dam and Pump or Flume	I	NA	NA	NA	NA	C	NA	36.06897	-77.86076
NC AP-2 126	40.9	wnab037	Nash County	04020101	Temp ROW	Wetland	NA	391	NA	NA	NA	Open Cut-Wetland	N/A	PEO	0.65	0.27	0.00	NA	NA	36.06864	-77.87019
NC AP-2 127	41.0	wnab037	Nash County	04020101	Temp ROW	Wetland	NA	292	NA	NA	NA	Open Cut-Wetland	N/A	PEO	0.50	0.20	0.00	NA	NA	36.06460	-77.87156
NC AP-2 127	41.6	wnab037	Nash County	04020101	Perm ROW	Wetland	NA	70	NA	NA	NA	Open Cut-Wetland	N/A	PEO	0.12	0.05	0.00	NA	NA	36.05986	-77.87866
NC AP-2 128	41.6	wnab035	Nash County	04020101	Temp ROW	UNT to Flat Rock Branch	Perennial	7	NA	78	NA	Dam and Pump or Flume	I	NA	NA	NA	NA	C	NA	36.05979	-77.87389
NC AP-2 129	41.7	wnab036	Nash County	04020101	Temp ROW	Wetland	NA	124	NA	NA	NA	Open Cut-Wetland	N/A	PEO	0.22	0.08	0.00	NA	NA	36.05818	-77.87784
NC AP-2 129	41.7	wnab034	Nash County	04020101	Temp ROW	UNT to Flat Rock Branch	Perennial	4	NA	93	NA	Dam and Pump or Flume	I	NA	NA	NA	NA	C	NA	36.05814	-77.87892
NC AP-2 129	41.8	wnab036	Nash County	04020101	Temp ROW	Wetland	NA	93	NA	NA	NA	Open Cut-Wetland	N/A	PEO	0.17	0.06	0.00	NA	NA	36.05892	-77.87781
NC AP-2 130	42.0	wnab034	Nash County	04020101	Temp ROW	Wetland	NA	645	NA	NA	NA	Open Cut-Wetland	N/A	PEO	1.11	0.46	0.00	NA	NA	36.05424	-77.88044
NC AP-2 130	42.0	wnab029	Nash County	04020101	Temp ROW	UNT to Flat Rock Branch	Intermittent	4	NA	83	NA	Dam and Pump or Flume	I	NA	NA	NA	NA	C	NA	36.05460	-77.87967
NC AP-2 130	42.1	wnab025	Nash County	04020101	Temp ROW	UNT to Flat Rock Branch	Perennial	68	NA	215	NA	Dam and Pump or Flume	F	NA	NA	NA	NA	C, NSW	NA	36.05335	-77.88071
NC AP-2 130	42.2	wnab026	Nash County	04020101	Temp ROW	UNT to Flat Rock Branch	Perennial	0	NA	124	NA	Dam and Pump or Flume	I	NA	NA	NA	NA	C	NA	36.05295	-77.88152

APPENDIX C-1 REVISED 11-3-2017

Wetland and Waterbody Crossings for the Atlantic Coast Pipeline within the U.S. Army Corps of Engineers - Wilmington District

Single Crossing ID	MP	Feature ID	County	HUC 8	Project Facility Crossed	Waterbody Name	Waterbody Regime	Pipeline Crossing (feet)	Waterbody Access Road Crossing (feet)	Temporary Affected Bank Length (feet)	Permanent Affected Bank Length (feet)	Construction Method	Waterbody Reasoning Type	Cowardin Class	Wetland Temporary Impact (acres)	Wetland Conversion (acres)	Wetland Loss (acres)	State Reg. Class	Time of Year Restrictions	Latitude	Longitude
NC AP-2 131	42.8	wnc002f	Nash County	04020101	Perm ROW	Wetland	NA	52	NA	NA	NA	Open Cut-Wetland	N/A	PFO	0.16	0.04	0.06	NA	NA	36.04528	-77.85685
NC AP-2 132	43.0	wnc003f	Nash County	04020101	Temp ROW	UNT to Flat Rock Branch	Intermittent	1	NA	79	NA	Dam and Pump or Flume	I	NA	NA	NA	NA	C	NA	36.04539	-77.85665
NC AP-2 133	43.6	wnc004f	Nash County	04020101	Perm ROW	Flat Rock Branch	NA	327	NA	NA	NA	Open Cut-Wetland	N/A	PFO	0.55	0.22	0.00	NA	NA	36.04588	-77.84453
NC AP-2 134	44.0	wnc004f	Nash County	04020101	Temp ROW	Wetland	NA	354	NA	NA	NA	Open Cut-Wetland	N/A	PFO	0.62	0.24	0.00	NA	NA	36.03554	-77.87420
NC AP-2 135	44.4	wnc005f	Nash County	04020101	Temp ROW	UNT to Flat Rock Branch	Intermittent	NA	NA	8	NA	Not Crossed by Centerline	N/A	NA	NA	NA	NA	C	NA	36.03598	-77.87383
NC AP-2 136	44.4	wnc005f	Nash County	04020101	Temp ROW	Wetland	NA	116	NA	NA	NA	Open Cut-Wetland	N/A	PSS	0.21	0.03	0.00	NA	NA	36.03603	-77.87708
NC AP-2 137	44.4	wnc005f	Nash County	04020101	Perm ROW	UNT to Flat Rock Branch	Perennial	NA	NA	NA	NA	Not Crossed by Centerline	N/A	NA	NA	NA	NA	C	NA	36.03671	-77.87607
NC AP-2 138	44.4	wnc006f	Nash County	04020101	Temp ROW	Wetland	NA	195	NA	NA	NA	Open Cut-Wetland	N/A	PFO	0.37	0.35	0.00	NA	NA	36.03689	-77.87586
NC AP-2 139	44.4	wnc006f	Nash County	04020101	Temp ROW	Flat Rock Branch	Perennial	6	NA	142	NA	Dam and Pump	I	NA	NA	NA	NA	C, NSW	NA	36.03632	-77.87857
NC AP-2 140	44.7	wnc007f	Nash County	04020101	Temp ROW	Wetland	NA	231	NA	NA	NA	Open Cut-Wetland	N/A	PFO	0.47	0.17	0.00	NA	NA	36.02591	-77.88185
NC AP-2 141	44.8	wnc007f	Nash County	04020101	Temp ROW	Flat Rock Branch	Perennial	7	NA	89	NA	Dam and Pump	I	NA	NA	NA	NA	C, NSW	NA	36.02694	-77.88193
NC AP-2 142	45.4	wnc008f	Nash County	04020101	Temp ROW	Wetland	NA	264	NA	NA	NA	Open Cut-Wetland	N/A	PFO	0.51	0.18	0.00	NA	NA	36.02554	-77.88081
NC AP-2 143	45.6	wnc009f	Nash County	04020101	Temp ROW	Wetland	NA	533	NA	NA	NA	Open Cut-Wetland	N/A	PFO	1.02	0.37	0.00	NA	NA	36.02308	-77.89516
NC AP-2 144	45.7	wnc009f	Nash County	04020101	Temp ROW	UNT to Pig Basket Creek	Perennial	5	NA	123	NA	Dam and Pump or Flume	I	NA	NA	NA	NA	C	NA	36.00514	-77.91022

APPENDIX C-1 REVENUE 11/3/2017

Wetland and Waterbody Crossings for the Atlantic Coast Pipeline within the U.S. Army Corps of Engineers - Wilmington District

Single-Crossing ID #	MP	Feature ID #	County	HEC #	Project Facility Crossed	Waterbody Name	Waterbody Regime	Pipeline Crossing (feet)	Waterbody Access Road Crossing (feet)	Temporary Affected Bank Length (feet)	Permanent Affected Bank Length Access Road (feet)	Permanent Waterbody Impact (acres)	Construction Method	Waterbody Restoration Type	Coastal Class	Wetland Temporary Impact (acres)	Wetland Conversion (acres)	Wetland Loss (acres)	State Reg. Class	Time of Year Restrictions	Latitude	Longitude
	47.2	wash021f	Nash County	03020101	Temp ROW	Wetland	NA	29	NA	NA	NA	NA	Open Cur-Wetland	N/A	PFO	0.64	0.02	0.00	NA	NA	35.00524	-77.90899
	47.6	wash022f	Nash County	03020101	Temp ROW	Wetland	NA	NA	NA	NA	NA	NA	Not Crossed by Centerline	N/A	PFO	0.61	0.00	0.00	NA	NA	35.00990	-77.91149
	47.6	wash023f	Nash County	03020101	Temp ROW	Pig Basket Creek	Regional	10	NA	124	NA	NA	Flume	I	NA	NA	NA	NA	C, NSW	NA	35.00925	-77.91155
	47.6	wash024f	Nash County	03020101	Temp ROW	UNT to Pig Basket Creek	Intermittent	9	NA	161	NA	NA	Dam and Pump	I	NA	NA	NA	NA	C	NA	35.00931	-77.91167
	47.7	wash025f	Nash County	03020101	Temp ROW	Wetland	NA	2450	NA	NA	NA	NA	Open Cur-Wetland	N/A	PFO	4.22	1.69	0.00	NA	NA	35.00630	-77.91025
	48.1	wash026f	Nash County	03020101	Temp ROW	Wetland	NA	165	NA	NA	NA	NA	Open Cur-Wetland	N/A	PEM	0.28	0.60	0.00	NA	NA	35.00207	-77.90883
	48.2	wash027f	Nash County	03020101	Temp ROW	Wetland	NA	1112	NA	NA	NA	NA	Open Cur-Wetland	N/A	PFO	1.93	0.77	0.00	NA	NA	35.00141	-77.90860
	48.4	wash028f	Nash County	03020101	Temp ROW	Wetland	NA	1041	NA	NA	NA	NA	Open Cur-Wetland	N/A	PFO	1.88	0.73	0.00	NA	NA	35.00509	-77.90940
	48.6	PKWQ N C 001	Nash County	03020101	Temp ROW	Wetland	NA	40	NA	NA	NA	NA	Open Cur-Wetland	N/A	PFO	0.15	0.04	0.00	NA	NA	35.00617	-77.90917
	48.6	PKWQ N C 002	Nash County	03020101	Temp ROW	Wetland	NA	291	NA	NA	NA	NA	Open Cur-Wetland	N/A	PEM	0.66	0.60	0.00	NA	NA	35.00525	-77.90963
NC AP-2 140	48.7	wash029f	Nash County	03020101	Temp ROW	Wetland	NA	NA	NA	NA	NA	NA	Not Crossed by Centerline	N/A	PEM	0.03	0.00	0.00	NA	NA	35.00568	-77.91023
	48.7	PKWQ N C 003	Nash County	03020101	Temp ROW	Wetland	NA	642	NA	NA	NA	NA	Open Cur-Wetland	N/A	PFO	1.51	0.44	0.00	NA	NA	35.00409	-77.91010
	48.7	wash030f	Nash County	03020101	Temp ROW	Wetland	NA	NA	NA	NA	NA	NA	Not Crossed by Centerline	N/A	PFO	0.03	0.00	0.00	NA	NA	35.00428	-77.91141
NC AP-2 140	48.7	DKSQ N C 002	Nash County	03020101	Temp ROW	Stones Creek	Perennial	29	NA	77	NA	NA	Flume	I	NA	NA	NA	NA	C, NSW	NA	35.00410	-77.91008

APPENDIX C.1 REVISED 11.3.2017

Wetland and Waterbody Crossings for the Atlantic Coast Pipeline within the U.S. Army Corps of Engineers - Wilmington District

Single Complete Crossing ID	MP	Feature ID	County	HEC #	Project Facility Crossed	Wetland Name	Waterbody Regulatory	Pipeline Crossing (feet)	Wetland Access Road Crossing (feet)	Temporary Allowed Bank Length Workspace (feet)	Permanent Allowed Bank Length Access Road (feet)	Construction Method	Wetland Restoration Type	Coordinate Class	Wetland Temporary Impact (acres)	Wetland Conversion (acres)	Wetland Loss (acres)	State Reg. Class	Time of Year Restrictions	Latitude	Longitude
NC AP-2 141	48.9	wnab024	Nash County	03020101	Temp ROW	Wetland	NA	713	NA	NA	NA	Open Cut Wetland	NA	PFO	1.26	0.49	0.00	NA	NA	35.98192	-77.91321
NC AP-2 142	49.2	wnab016	Nash County	03020101	Temp ROW	UNT to Shoys Creek	Perennial	NA	NA	46	NA	Not Crossed by Centerline	NA	NA	NA	NA	NA	C	NA	35.97928	-77.91462
NC AP-2 143	49.5	wnab017	Nash County	03020101	Temp ROW	UNT to Shoys Creek	Perennial	8	NA	159	NA	Dam and Pump or Flume	1	NA	NA	NA	NA	C	NA	35.97535	-77.91362
NC AP-2 144	50.2	wnab008	Nash County	03020101	Temp ROW	UNT to Shoys Creek	Perennial	19	NA	65	NA	Dam and Pump or Flume	1	NA	NA	NA	NA	C	NA	35.96767	-77.92668
NC AP-2 145	50.2	wnab097	Nash County	03020101	Temp ROW	UNT to Shoys Creek	Perennial	6	NA	57	NA	Dam and Pump or Flume	1	NA	NA	NA	NA	C	NA	35.96742	-77.92128
NC AP-2 146	50.3	wnab066	Nash County	03020101	Temp ROW	Wetland	NA	99	NA	NA	NA	Open Cut Wetland	NA	PFO	0.28	0.07	0.00	NA	NA	35.96354	-77.92190
NC AP-2 147	50.7	wnab025	Nash County	03020101	Temp ROW	Wetland	NA	NA	NA	NA	NA	Not Crossed by Centerline	NA	PFO	0.07	0.00	0.00	NA	NA	35.96527	-77.92876
NC AP-2 148	50.8	wnab041	Nash County	03020101	Temp ROW	Wetland	NA	113	NA	NA	NA	Open Cut Wetland	NA	PFO	0.21	0.08	0.00	NA	NA	35.96436	-77.92993
NC AP-2 149	51.5	wnab005	Nash County	03020101	Temp ROW	UNT to Shoys Creek	Perennial	4	NA	70	NA	Flume or Dam and Pump	1	NA	NA	NA	NA	C	NA	35.96592	-77.92990
NC AP-2 150	51.5	wnab003	Nash County	03020101	Temp ROW	Wetland	NA	575	NA	NA	NA	Open Cut Wetland	NA	PFO	1.03	0.39	0.00	NA	NA	35.96328	-77.94658
NC AP-2 151	51.5	wnab009	Nash County	03020101	Temp ROW	UNT to Shoys Creek	Perennial	17	NA	193	NA	Dam and Pump or Flume	1	NA	NA	NA	NA	W.S.V. NSW	NA	35.95805	-77.94619
NC AP-2 152	51.6	wnab010	Nash County	03020101	Temp ROW	UNT to Shoys Creek	Perennial	6	NA	63	NA	Dam and Pump or Flume	1	NA	NA	NA	NA	C	NA	35.95745	-77.94139
NC AP-2 153	52.0	wnab007	Nash County	03020101	Temp ROW	Wetland	NA	134	NA	NA	NA	Open Cut Wetland	NA	PFO	0.23	0.09	0.00	NA	NA	35.95326	-77.94596
NC AP-2 154	52.0	wnab001	Nash County	03020101	Temp ROW	UNT to Sapony Creek	Perennial	NA	NA	NA	0.00	Not Crossed by Centerline	NA	NA	NA	NA	NA	C	NA	35.95255	-77.94324
NC AP-2 155	53.1	wnab011	Nash County	03020101	Temp ROW	Wetland	NA	NA	NA	NA	NA	Not Crossed by Centerline	NA	PFO	0.04	0.00	0.00	NA	NA	35.94240	-77.96255
NC AP-2 156	53.1	wnab018	Nash County	03020101	Temp ROW	Wetland	NA	246	NA	NA	NA	Open Cut Wetland	NA	PFM	0.42	0.09	0.00	NA	NA	35.94821	-77.94870

APPENDIX C-1 REVISED 11-3-2017

Wetland and Waterbody Crossings for the Atlantic Coast Pipeline within the  
U.S. Army Corps of Engineers - Wilmington District

Single Consistent Crossref ID	MP	Feature ID	County	HEC #	Project Facility Crossref ROW	Waterbody Name	Waterbody Regime	Pipeline Centerline Crossing (feet)	Waterbody Access Road Crossing (feet)	Temporary Affected Bank Length Workspace (feet)	Permanent Affected Bank Length Access Road (feet)	Permanent Waterbody Impact (acres)	Construction Method	Waterbody Restoration Type	Cowardin Class	Wetland Temporary Impact (acres)	Wetland Conversion (acres)	Wetland Loss (acres)	State Reg. Class	Time of Year Restrictions	Latitude	Longitude
	53.3	snab021	Nash County	03020101	Perm ROW	UNT to Sapony Creek	Perennial	24	NA	10*	NA	NA	Dam and Pump	I	NA	NA	NA	NA	C	NA	35.91828	-77.95883
NC AP-2 150	53.5	snab024H	Sash County	03020101	Temp ROW	Wetland	NA	376	NA	NA	NA	NA	Open Cur-Wetland	N/A	PFO	0.58	0.25	0.06	NA	NA	35.93542	-77.96023
NC AP-2 151	53.7	snab028C	Nash County	03020101	Temp ROW	Little Sapony Creek	NA	2192	NA	NA	NA	NA	Open Cur-Wetland	N/A	PFO	3.86	1.51	0.00	NA	NA	35.93870	-77.96353
NC AP-2 152	54.3	snab027F	Nash County	03020101	Temp ROW	Wetland	NA	1374	NA	NA	NA	NA	Open Cur-Wetland	N/A	PFO	2.22	0.94	0.06	NA	NA	35.92338	-77.96821
NC AP-2 153	54.5	snab033	Nash County	03020101	Perm ROW	Emmard Pond	Open Water	NA	NA	NA	NA	0.00	Not Crossed by Centerline	N/A	NA	NA	NA	NA	NA	NA	35.92368	-77.96467
NC AP-2 154	54.9	snab026F	Nash County	03020101	Temp ROW	Wetland	NA	423	NA	NA	NA	NA	Open Cur-Wetland	N/A	PFO	0.68	0.29	0.00	NA	NA	35.91869	-77.97285
NC AP-2 154	54.9	snab029	Nash County	03020101	Temp ROW	UNT to Sapony Creek	Perennial	8	NA	79	NA	NA	Dam and Pump or Flume	I	NA	NA	NA	NA	C	NA	35.91880	-77.97296
NC AP-2 155	55.7	snab032F	Nash County	03020101	Temp ROW	Wetland	NA	52	NA	NA	NA	NA	Open Cur-Wetland	N/A	PFO	0.13	0.04	0.00	NA	NA	35.91135	-77.98387
NC AP-2 156	55.9	snab033F	Nash County	03020101	Temp ROW	Wetland	NA	573	NA	NA	NA	NA	Open Cur-Wetland	N/A	PFO	0.95	0.40	0.06	NA	NA	35.90850	-77.98602
	56.1	snab023	Nash County	03020101	Temp ROW	UNT to Sapony Creek	Perennial	14	NA	177	NA	NA	Dam and Pump or Flume	I	NA	NA	NA	NA	C	NA	35.90601	-77.98704
	56.2	snab0314	Nash County	03020101	Temp ROW	Wetland	NA	2951	NA	NA	NA	NA	Open Cur-Wetland	N/A	PFO	4.76	2.03	0.06	NA	NA	35.90148	-77.99105
	56.3	snab024	Nash County	03020101	Temp ROW	Sapony Creek	Perennial	30	NA	133	NA	NA	Flume	I	NA	NA	NA	NA	WSIV, NAW	NA	35.90407	-77.98437
NC AP-2 157	56.6	snab022	Nash County	03020101	Temp ROW	UNT to Sapony Creek	Perennial	23	NA	171	NA	NA	Dam and Pump	I	NA	NA	NA	NA	C	NA	35.90875	-77.99278
NC AP-2 158	56.8	snab033F	Nash County	03020101	Temp ROW	Wetland	NA	1633	NA	NA	NA	NA	Open Cur-Wetland	N/A	PFO	2.85	1.13	0.00	NA	NA	35.89418	-77.99416



APPENDIX C.1 (REVISED) 11-13-2017

Wetland and Waterbody Crossings for the Atlantic Coast Pipeline within the U.S. Army Corps of Engineers - Wilmington District

Single Complete Crossing ID	MP	Feature ID	County	HUC #	Project Facility Crossed	Waterbody Name	Waterbody Regime	Pipeline Crossing (feet)	Waterbody Access Road Crossing (feet)	Temporary Affects Bank Length, Access Road (feet)	Permanent Affects Bank Length, Access Road (feet)	Construction Method	Waterbody Retention Type	Guardian Class.	Wetland Temporary Impact (acres)	Wetland Conversion (acres)	Wetland Loss (acres)	State Reg. Class.	Time of Year Restrictions	Latitude	Longitude
159	57.0	smas0119	Nash County	03020101	Temp ROW	UNT to Sipony Creek	Intermittent	10	NA	88	NA	Dam and Pump	I	NA	NA	NA	NA	C	NA	35.89426	-77.99438
159	57.9	smas0121	Nash County	03020101	Temp ROW	Wetland	NA	2934	NA	NA	NA	Open Cut-Wetland	N/A	PEU	4.74	2.92	0.00	NA	NA	35.87582	-77.99718
159	58.8	smas0124	Nash County	03020101	Temp ROW	Wetland	NA	36	NA	NA	NA	Open Cut-Wetland	N/A	PEU	0.05	0.02	0.00	NA	NA	35.86914	-77.99849
160	58.8	smas0124	Nash County	03020101	Temp ROW	UNT to Tar River	Perennial	3	NA	76	NA	Dam and Pump or Flume	I	NA	NA	NA	NA	C	NA	35.86927	-77.99845
161	59.1	smas0125	Nash County	03020101	Temp ROW	UNT to Tar River	Intermittent	8	NA	304	NA	Dam and Pump or Flume	I	NA	NA	NA	NA	C	NA	35.86667	-78.0052
161	59.1	smas0125	Nash County	03020101	Temp ROW	Wetland	NA	179	NA	NA	NA	Open Cut-Wetland	N/A	PEU	0.24	0.12	0.00	NA	NA	35.86584	-78.00088
162	59.3	smas0127	Nash County	03020101	Temp ROW	UNT to Tar River	Intermittent	3	NA	57	NA	Dam and Pump or Flume	I	NA	NA	NA	NA	C	NA	35.86599	-78.00275
163	59.4	smas0127	Nash County	03020101	Temp ROW	Wetland	NA	66	NA	NA	NA	HDD	N/A	PEU	0.00	0.00	0.00	NA	NA	35.86277	-78.00118
163	59.4	smas0127	Nash County	03020101	Temp ROW	Wetland	NA	17	NA	NA	NA	HDD	N/A	PEU	0.00	0.00	0.00	NA	NA	35.86236	-78.00784
164	59.8	smas0131	Nash County	03020101	Temp ROW	Tar River	Perennial	159	NA	0	NA	HDD	N/A	PEU	0.00	0.00	0.00	NA	NA	35.85087	-78.01450
164	59.8	smas0131	Nash County	03020101	Temp ROW	Wetland	NA	NA	NA	NA	NA	Not Crossed by Centerline	N/A	PEU	0.00	0.00	0.00	NA	NA	35.85283	-78.00742
165	60.3	smas0132	Nash County	03020101	Temp ROW	UNT to Tar River	Epithermal	7	NA	767	NA	Dam and Pump or Flume	I	NA	NA	NA	NA	C	NA	35.85087	-78.01450
166	60.6	smas0136	Nash County	03020105	Temp ROW	Little Swamp	NA	1533	NA	NA	NA	Open Cut-Wetland	N/A	PEU	2.45	0.03	0.00	NA	NA	35.84569	-78.01585
166	61.2	smas0139	Nash County	03020105	Temp ROW	Wetland	NA	102	NA	NA	NA	Open Cut-Wetland	N/A	PEU	0.28	0.13	0.00	NA	NA	35.84835	-78.01846
167	61.3	smas0140	Nash County	03020105	Temp ROW	Wetland	NA	245	NA	NA	NA	Open Cut-Wetland	N/A	PEU	0.42	0.17	0.00	NA	NA	35.84808	-78.01813

APPENDIX C-1 REVISED 11/3/2017

Wetland and Waterbody Crossings for the Atlantic Coast Pipeline within the U.S. Army Corps of Engineers - Wilmington District

Single Complete Crossing ID#	MP	Feature ID	County	HUC#	Project Facility Crossed	Waterbody Name	Waterbody Regime	Pipeline Centerline Crossing (feet)	Waterbody Access Road Crossing (feet)	Temporary Affected Bank Length (feet)	Permanent Affected Bank Length Access Road (feet)	Permanent Waterbody Impact (acre)	Construction Method	Waterbody Restoration Type	Crossing Class	Wetland Temporary Impact (acres)	Wetland Conversion (acres)	Wetland Loss (acres)	State Reg. Class	Time of Year Restrictions	Latitude	Longitude
NC AP-2 168	61.8	was0098F	Nash County	04020203	Temp ROW	Wetland	NA	262	NA	NA	NA	NA	Open Cut- Wetland	N/A	PFO	0.48	0.18	0.00	NA	N/A	35.83201	-78.02401
NC AP-2 169	61.9	was0098	Nash County	04020203	Temp ROW	UNT to Tonsot Swamp	Ephemeral	3	NA	137	NA	NA	Dam and Pump or Flume	I	NA	NA	NA	NA	C	N/A	35.83041	-78.02542
NC AP-2 170	62.1	was0097F	Nash County	04020203	Temp ROW	Wetland	NA	NA	NA	NA	NA	NA	Not Crossed by Centerline	N/A	PFO	0.60	0.00	0.00	NA	N/A	35.82828	-78.02223
NC AP-2 171	62.3	was0096F	Nash County	04020203	Temp ROW	Wetland	NA	846	NA	NA	NA	NA	Open Cut- Wetland	N/A	PFO	1.46	0.58	0.00	NA	N/A	35.82520	-78.02016
NC AP-2 172	62.6	was0095F	Nash County	04020203	Temp ROW	Wetland	NA	405	NA	NA	NA	NA	Open Cut- Wetland	N/A	PFO	0.70	0.14	0.00	NA	N/A	35.82123	-78.03076
NC AP-2 173	62.7	was0097	Nash County	04020203	Temp ROW	UNT to Tonsot Swamp	Intermittent	2	NA	31	NA	NA	Dam and Pump or Flume	I	NA	NA	NA	NA	C	N/A	35.82072	-78.03089
NC AP-2 174	62.8	was0094F	Nash County	04020203	Temp ROW	Tonsot Swamp	NA	499	NA	NA	NA	NA	Open Cut- Wetland	N/A	PFO	0.92	0.35	0.00	NA	N/A	35.81891	-78.02565
NC AP-2 175	62.8	was0093	Nash County	04020203	Temp ROW	Tonsot Swamp	Pond	NA	NA	NA	NA	NA	Not Crossed by Centerline	N/A	NA	NA	NA	NA	WSHL NSW	N/A	35.81952	-78.02243
NC AP-2 176	62.9	was0092	Nash County	04020203	Temp ROW	Tonsot Swamp	Pond	NA	NA	NA	NA	NA	Not Crossed by Centerline	N/A	NA	NA	NA	NA	WSHL NSW	N/A	35.81815	-78.03300
NC AP-2 177	63.0	was0096	Nash County	04020203	Temp ROW	UNT to Tonsot Swamp	Ephemeral	4	NA	231	NA	NA	Dam and Pump or Flume	I	NA	NA	NA	NA	C	N/A	35.81745	-78.03171
NC AP-2 178	63.3	was0095	Nash County	04020203	Temp ROW	UNT to Henderson Creek	Ephemeral	2	NA	90	NA	NA	Dam and Pump or Flume	I	NA	NA	NA	NA	C	N/A	35.81320	-78.02693
NC AP-2 179	63.3	was0094	Nash County	04020203	Temp ROW	Wetland	NA	179	NA	NA	NA	NA	Open Cut- Wetland	N/A	PFO	0.30	0.12	0.00	NA	N/A	35.81099	-78.02738
NC AP-2 180	63.5	was0093	Nash County	04020203	Temp ROW	UNT to Beaverdam Creek	Intermittent	5	NA	79	NA	NA	Dam and Pump or Flume	I	NA	NA	NA	NA	C	N/A	35.81001	-78.03278
NC AP-2 181	64.5	was0092	Nash County	04020203	Temp ROW	UNT to Beaverdam Creek	Ephemeral	6	NA	116	NA	NA	Dam and Pump or Flume	I	NA	NA	NA	NA	C	N/A	35.81097	-78.03878
NC AP-2 182	64.8	was0091	Nash County	04020203	Temp ROW	UNT to Bloomery Swamp	Ephemeral	7	NA	129	NA	NA	Dam and Pump or Flume	I	NA	NA	NA	NA	C	N/A	35.79297	-78.04410
NC AP-2 183	64.6	was0090	Nash County	04020203	Temp ROW	Wetland	NA	2150	NA	NA	NA	NA	Open Cut- Wetland	N/A	PFO	3.07	1.48	0.00	NA	N/A	35.79236	-78.04870

Wetland and Waterbody Crossings for the Atlantic Coast Pipeline within the U.S. Army Corps of Engineers - Wilmington District

Single Complete Crossing ID	MAP	Feature ID	County	HEC #	Project Facility Crossed	Waterbody Name	Waterbody Regime	Pipeline Centerline Crossing (feet)	Waterbody Access Road Crossing (feet)	Temporary Bank Length Workspace (feet)	Permanent Bank Length Access Road (feet)	Permanent Waterbody Impact (acre)	Waterbody Restoration Type	Construction Method	Waterbody Restoration Type	Cowardin Class	Wetland Temporary Impact (acres)	Wetland Conservation (acres)	Wetland Loss (acres)	State Reg. Class	Time of Year Restrictions	Latitude	Longitude
178	64.6	0m0001	Nash County	03020303	Temp ROW Perm	Uncut Pond	Pond	NA	NA	NA	NA	NA	NA	Not Crossed by Centerline	NA	NA	NA	NA	NA	NA	NA	35.790795	-78.045278
179	65.1	snab038	Nash County	03020303	Temp ROW Perm	UNT to Blossom Swamp	Perennial	8	NA	110	NA	NA	I	Dam and Pump	I	NA	NA	NA	NA	C	NA	35.790311	-78.052107
180	65.2	snab031	Nash County	03020303	Temp ROW Perm	UNT to Blossom Swamp	Perennial	6	NA	116	NA	NA	I	Dam and Pump	I	NA	NA	NA	NA	C	NA	35.790220	-78.052109
181	65.3	wms0011	Nash County	03020303	Temp ROW Perm	Wetland	NA	488	NA	NA	NA	NA	NA	Open Cur. Wetland	NA	PEO	0.75	0.27	0.00	NA	NA	35.787321	-78.052504
182	65.6	snab031	Nash County	03020303	Temp ROW Perm	UNT to Jumper Creek	Epheemeral	2	NA	110	NA	NA	I	Dam and Pump	I	NA	NA	NA	NA	C	NA	35.784449	-78.054338
183	66.0	wms00211	Wilson County	03020303	Temp ROW Perm	Blossom Swamp	NA	284	NA	NA	NA	NA	NA	Open Cur. Wetland	NA	PTO	0.50	0.20	0.00	NA	NA	35.778797	-78.055164
184	66.1	snab015	Wilson County	03020303	Temp ROW Perm	UNT to Jumper Creek	Perennial	9	NA	122	NA	NA	I	Dam and Pump	I	NA	NA	NA	NA	C	NA	35.777787	-78.055015
185	66.3	snab016	Wilson County	03020303	Temp ROW Perm	UNT to Jumper Creek	Intermittent	8	NA	210	NA	NA	I	Dam and Pump	I	NA	NA	NA	NA	C	NA	35.775357	-78.053342
186	66.5	wms0018	Wilson County	03020303	Temp ROW Perm	Wetland	NA	173	NA	NA	NA	NA	NA	Open Cur. Wetland	NA	PTO	0.30	0.12	0.00	NA	NA	35.772339	-78.052583
187	66.6	wms0017	Wilson County	03020303	Temp ROW Perm	Wetland	NA	552	NA	NA	NA	NA	NA	Open Cur. Wetland	NA	PEO	0.90	0.38	0.00	NA	NA	35.766821	-78.051226
188	66.8	DKWO N C-004	Wilson County	03020303	Temp ROW Perm	Wetland	NA	813	NA	NA	NA	NA	NA	Open Cur. Wetland	NA	PEO	2.56	0.56	0.00	NA	NA	35.767707	-78.054000
189	67.7	snab003	Wilson County	03020303	Temp ROW Perm	UNT to Middle Creek	Intermittent	8	NA	207	NA	NA	I	Dam and Pump	I	NA	NA	NA	NA	C	NA	35.756005	-78.052897
190	67.7	wms0015	Wilson County	03020303	Temp ROW Perm	Wetland	NA	360	NA	NA	NA	NA	NA	Open Cur. Wetland	NA	PEO	0.64	0.08	0.00	NA	NA	35.755665	-78.053338
191	67.8	wms0011	Wilson County	03020303	Temp ROW Perm	Wetland	NA	112	NA	NA	NA	NA	NA	Open Cur. Wetland	NA	PTO	0.17	0.08	0.00	NA	NA	35.755549	-78.053349

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Wetland and Waterbody Crossings for the Atlantic Coast Pipeline within the  
U.S. Army Corps of Engineers - Wilmington District

Single Complete Crossing ID #	MP	Feature ID #	County	HUC #	Project Facility Crossed	Waterbody Name	Waterbody Regime	Pipeline Centerline Crossing Offset (feet)	Waterbody Access Road Centerline Crossing Offset (feet)	Temporary Affected Bank Length Workshop (feet)	Permanent Affected Bank Length Access Road (feet)	Permanent Waterbody Impact (acre)	Construction Method	Waterbody Restoration Type	Waterbody Restoration Class	Wetland Temporary Impact (acres)	Wetland Conversion (acres)	Wetland Loss (acres)	State Reg. Class	Time of Year Restrictions	Latitude	Longitude
	67.8	ww0002	Wilson County	03020203	Temp ROW	UNT to Millsboro Creek	Perennial	2	NA	78	NA	NA	Dam and Pump	I	NA	NA	NA	NA	C	NA	35.75552	-78.05352
NC AP-2 188	68.0	ww0002F	Wilson County	03020203	Temp ROW	Wetland	NA	136	NA	NA	NA	NA	Open Cur- Wetland	N/A	PFO	0.24	0.00	0.00	NA	NA	35.75362	-78.05852
NC AP-2 189	68.3	ww0003F	Wilson County	03020203	Temp ROW	UNT to Marsh Swamp	Intermittent	5	NA	112	NA	NA	Dam and Pump or Flume	I	NA	NA	NA	NA	C	NA	35.75232	-78.06143
	69.1	ww0004F	Wilson County	03020203	Temp ROW	Wetland	NA	100	NA	NA	NA	NA	Open Cur- Wetland	N/A	PEM	0.12	0.00	0.00	NA	NA	35.74473	-78.07240
	69.1	ww0004	Wilson County	03020203	Temp ROW	UNT to Marsh Swamp	Perennial	22	NA	286	NA	NA	Dam and Pump or Flume	I	NA	NA	NA	NA	C	NA	35.74650	-78.07149
NC AP-2 190	69.1	ww0004F	Wilson County	03020203	Temp ROW	Wetland	NA	96	NA	NA	NA	NA	Open Cur- Wetland	N/A	PFO	0.25	0.07	0.00	NA	NA	35.74539	-78.07156
	69.3	ww0005F	Wilson County	03020203	Temp ROW	Wetland	NA	334	NA	NA	NA	NA	Open Cur- Wetland	N/A	PEF3	0.59	0.23	0.00	NA	NA	35.74381	-78.07505
NC AP-2 191	69.3	ww0005	Wilson County	03020203	Temp ROW	UNT to Marsh Swamp	Perennial	9	NA	101	NA	NA	Dam and Pump	I	NA	NA	NA	NA	C	NA	35.74382	-78.07492
NC AP-2 192	69.5	ww0006	Wilson County	03020203	Temp ROW	UNT to Marsh Swamp	Intermittent	5	NA	116	NA	NA	Dam and Pump or Flume	I	NA	NA	NA	NA	C	NA	35.74157	-78.07694
	69.6	ww0006F	Wilson County	03020203	Temp ROW	Wetland	NA	338	NA	NA	NA	NA	Open Cur- Wetland	N/A	PFO	0.58	0.23	0.00	NA	NA	35.73901	-78.07850
NC AP-2 193	69.7	ww0007	Wilson County	03020203	Temp ROW	Marsh Swamp	Perennial	9	NA	83	NA	NA	Dam and Pump	I	NA	NA	NA	NA	C,NSW	NA	35.73800	-78.07861
NC AP-2 194	69.9	ww0007F	Wilson County	03020203	Temp ROW	Wetland	NA	480	NA	NA	NA	NA	Open Cur- Wetland	N/A	PEO	0.75	0.31	0.00	NA	NA	35.73580	-78.07963
	70.3	ww0007F	Wilson County	03020203	Temp ROW	Wetland	NA	591	NA	NA	NA	NA	Open Cur- Wetland	N/A	PFO	1.00	0.41	0.00	NA	NA	35.73165	-78.08442
NC AP-2 195	70.4	ww0008	Wilson County	03020203	Temp ROW	UNT to Marsh Swamp	Perennial	4	NA	94	NA	NA	Dam and Pump or Flume	I	NA	NA	NA	NA	C	NA	35.73113	-78.08406
NC AP-2 196	70.5	ww0008F	Wilson County	03020203	Temp ROW	Wetland	NA	NA	NA	NA	NA	NA	Not Crossed by Centerline	N/A	PFO	0.01	0.00	0.00	NA	NA	35.72948E	-78.08582

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Wetland and Waterbody Crossings for the Atlantic Coast Pipeline within the U.S. Army Corps of Engineers - Wilmington District

Single Complete Crossing ID#	MP	Feature ID#	County	HFC#	Project Facility Crossed	Waterbody Name	Waterbody Regime	Pipeline Crossing (feet)	Waterbody Access Road Crossing (feet)	Temporary Affected Bank Length (feet)	Permanent Affected Bank Length (feet)	Construction Method	Waterbody Restoration Type	Conservation Class.	Wetland Temporal Impact (acres)	Wetland Conversion (acres)	Wetland Loss (acres)	State Reg. Class.	Time of Year Restrictions	Latitude	Longitude	
	70.5	wws0081	Wilson County	03020203	ROW, Temp ROW	Wetland	NA	51	NA	NA	NA	Open Cur. Wetland	N/A	PFO	0.08	0.01	0.00	NA	NA	35.72869	-78.08519	
	70.5	wws0088	Wilson County	03020203	ROW, Temp ROW	UNT to Marsh Swamp	Perennial	9	NA	97	NA	Dam and Pump or Flume	I	NA	NA	NA	NA	C	NA	35.72818	-78.08555	
NC AP-2 197	70.9	wws0031	Wilson County	03020303	ROW, Temp ROW	Wetland	NA	808	NA	NA	NA	Open Cur. Wetland	N/A	PFO	1.52	0.62	0.00	NA	NA	35.72797	-78.08695	
	70.9	wws0033	Wilson County	03020203	ROW, Temp ROW	UNT to Marsh Swamp	Perennial	19	NA	274	NA	Dam and Pump	I	NA	NA	NA	NA	NA	C	NA	35.72364	-78.08689
	71.0	wws0011	Wilson County	03020303	ROW, Temp ROW	UNT to Marsh Swamp	Perennial	16	NA	84	NA	Flume	I	NA	NA	NA	NA	NA	C	NA	35.72373	-78.08704
NC AP-2 195	71.0	wws0012	Wilson County	03020203	ROW, Temp ROW	UNT to Marsh Swamp	Intermittent	10	NA	76	NA	Dam and Pump	I	NA	NA	NA	NA	NA	C	NA	35.72289	-78.08724
NC AP-2 198	71.3	wws0013	Wilson County	03020203	ROW, Temp ROW	Wetland	NA	668	NA	NA	NA	Open Cur. Wetland	N/A	PFO	1.16	0.46	0.00	NA	NA	35.71679	-78.08693	
NC AP-2 199	71.6	wws0011	Wilson County	03020203	ROW, Temp ROW	Wetland	NA	182	NA	NA	NA	Open Cur. Wetland	N/A	PFO	0.36	0.12	0.00	NA	NA	35.71333	-78.09065	
NC AP-2 200	71.8	DKWO N C 005	Wilson County	03020203	ROW, Temp ROW	Wetland	NA	NA	NA	NA	NA	Not Crossed by Conducing	N/A	PFO	0.02	0.00	0.00	NA	NA	35.71314	-78.09115	
	72.2	sws0001	Wilson County	03020203	ROW, Temp ROW	UNT to Contentosa Creek	Epifaunal	6	NA	193	NA	Dam and Pump or Flume	I	NA	NA	NA	NA	NA	C	NA	35.70838	-78.09728
	72.3	sws0011	Wilson County	03020203	ROW, Temp ROW	UNT to Contentosa Creek	Intermittent	5	NA	122	NA	Dam and Pump or Flume	I	NA	NA	NA	NA	NA	C	NA	35.70695	-78.09743
NC AP-2 201	72.3	wws0031	Wilson County	03020203	ROW, Temp ROW	Wetland	NA	109	NA	NA	NA	Open Cur. Wetland	N/A	PFO	0.18	0.08	0.00	NA	NA	35.70679	-78.09788	
NC AP-2 202	72.5	dkw001	Wilson County	03020203	ROW, Temp ROW	UNT to Contentosa Creek	Diab.	11	NA	119	NA	Dam and Pump or Flume	I	NA	NA	NA	NA	Unclassified	NA	35.70479	-78.09865	
NC AP-2 203	72.5	wws0011	Wilson County	03020203	ROW, Temp ROW	Wetland	NA	62	NA	NA	NA	Open Cur. Wetland	N/A	PFO	0.07	0.04	0.00	NA	NA	35.70379	-78.09901	
NC AP-2 204	72.9	wws0031	Wilson County	03020203	ROW, Temp ROW	Wetland	NA	499	NA	NA	NA	Open Cur. Wetland	N/A	PFO	0.91	0.34	0.00	NA	NA	35.69737	-78.09852	

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Wetland and Waterbody Crossings for the Atlantic Coast Pipeline within the U.S. Army Corps of Engineers - Wilmington District

Single Complete Crossing ID	MP	Feature ID	County	HUC 8	Project Facility Crossed	Waterbody Name	Waterbody Regime	Pipeline Centerline Crossing (feet)	Waterbody Access Road Centerline Crossing (feet)	Temporary Affected Bank Length (feet)	Permanent Affected Bank Length (feet)	Permanent Waterbody Impact (acres)	Construction Method	Waterbody Restoration Type & Class	Wetland Temporary Impact (acres)	Wetland Conversion (acres)	Wetland Loss (acres)	State Reg. Class	Time of Year Restrictions	Latitude	Longitude
	73.1	wsh0101f	Wilson County	03020203	Temp ROW, ATWS, Temp ROW	Wetland	NA	1132	NA	NA	NA	NA	Open Cut-Wetland	N/A	2.33	0.78	0.00	NA	NA	35.69333	-78.09966
	74.1	wsh0100	Wilson County	03020203	Temp ROW	UNT to Concochee Creek	Perennial	4	NA	118	NA	NA	Dam and Pump or Flume	I	NA	NA	NA	C	NA	35.69488	-78.09980
	73.3	wsh0100	Wilson County	03020203	Temp ROW	UNT to Concochee Creek	Perennial	6	NA	118	NA	NA	Dam and Pump or Flume	I	NA	NA	NA	C	NA	35.69347	-78.09945
	73.4	wsh0100	Wilson County	03020203	Temp ROW	UNT to Concochee Creek	Intermittent	5	NA	118	NA	NA	Dam and Pump or Flume	I	NA	NA	NA	C	NA	35.69253	-78.09995
	73.5	wsh0100	Wilson County	03020203	Temp ROW	Wetland	NA	126	NA	NA	NA	NA	Open Cut-Wetland	N/A	0.39	0.09	0.00	NA	NA	35.69204	-78.10188
NC AP-2 206	73.6	wsh0005	Wilson County	03020203	Temp ROW	Concochee Creek	Perennial	69	NA	0	NA	NA	HDRO	N/A	NA	NA	NA	AESA, WSW, NWSW	February 15 to June 30	35.69165	-78.10442
NC AP-2 206	73.8	wsh0003	Wilson County	03020203	Temp ROW	UNT to Concochee Creek	Epiflora	NA	NA	95	NA	NA	Not Crossed by Centerline	N/A	NA	NA	NA	C	NA	35.69094	-78.10710
NC AP-2 207	73.9	wsh0008	Wilson County	03020203	Temp ROW	UNT to Concochee Creek	Intermittent	NA	NA	1	NA	NA	Not Crossed by Centerline	N/A	NA	NA	NA	C	NA	35.68861	-78.10656
	74.9	wsh0100f	Wilson County	03020203	Temp ROW	Wetland	NA	258	NA	NA	NA	NA	Open Cut-Wetland	N/A	0.39	0.18	0.00	NA	NA	35.68612	-78.10369
NC AP-2 208	74.1	wsh0005	Wilson County	03020203	Temp ROW	UNT to Concochee Creek	Intermittent	7	NA	135	NA	NA	Dam and Pump or Flume	I	NA	NA	NA	C	NA	35.68602	-78.10799
NC AP-2 209	74.3	wsh0100f	Wilson County	03020203	Temp ROW	Wetland	NA	442	NA	NA	NA	NA	Open Cut-Wetland	N/A	0.74	0.36	0.00	NA	NA	35.68599	-78.11091
NC AP-2 210	74.4	wsh0107	Wilson County	03020203	Temp ROW	UNT to Backhorn Branch	Epiflora	NA	NA	19	NA	0.00	Perm AR	N/A	NA	NA	NA	C	NA	35.68357	-78.10876
	74.5	wsh0104f	Wilson County	03020203	Temp ROW	Wetland	NA	246	NA	NA	NA	NA	Open Cut-Wetland	N/A	0.43	0.17	0.00	NA	NA	35.68156	-78.11349
NC AP-2 211	74.6	wsh0002	Wilson County	03020203	Temp ROW	UNT to Backhorn Branch	Epiflora	3	NA	111	NA	NA	Dam and Pump or Flume	I	NA	NA	NA	C	NA	35.68099	-78.11369

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Wetland and Waterbody Crossings for the Atlantic Coast Pipeline within the U.S. Army Corps of Engineers - Wilmington District

Single Complete Crossing ID	MP	Feature ID	County	HUC 8	Project Facility Crossed	Waterbody Name	Waterbody Regime	Pipeline Centerline Crossing (feet)	Waterbody Access Road Crossing (feet)	Temporary Affected Bank Length (feet)	Perennially Affected Bank Length (feet)	Permanent Waterbody Impact (acre)	Construction Method	Waterbody Restoration Type	Cowardin Class	Wetland Temporary Impact (acres)	Wetland Conversion (acres)	Wetland Loss (acres)	State Reg. Class	Year of Restrictions	Latitude	Longitude
						Perm ROW																
	74.8	wwpp016f	Wilson County	04020203	Temp ROW	Wetland	NA	639	NA	NA	NA	NA	Open Cut-Wetland	NA	PFO	1.08	0.43	0.00	NA	NA	35.67300	-78.11528
NC AP-2 212	74.9	swpp013	Wilson County	04020203	Temp ROW	UNT to Backhorn Branch	Ephemeral	5	NA	84	NA	NA	Dam and Pump	1	NA	NA	NA	NA	C	NA	35.67714	-78.11528
	75.1	wwpp017f	Wilson County	04020203	Temp ROW	Wetland	NA	268	NA	NA	NA	NA	Open Cut-Wetland	NA	PFO	0.46	0.18	0.00	NA	NA	35.67299	-78.11692
	75.2	wwpp018f	Wilson County	04020203	Temp ROW	Wetland	NA	121	NA	NA	NA	NA	Open Cut-Wetland	NA	PFO	0.20	0.08	0.00	NA	NA	35.67146	-78.11718
NC AP-2 213	75.2	wws001f	Wilson County	04020203	Temp ROW	Wetland	NA	276	NA	NA	NA	NA	Open Cut-Wetland	NA	PFO	0.53	0.19	0.00	NA	NA	35.67140	-78.11814
	75.6	wwpp019f	Wilson County	04020203	Temp ROW	Wetland	NA	608	NA	NA	NA	NA	Open Cut-Wetland	NA	PFO	0.80	0.35	0.00	NA	NA	35.66915	-78.12002
NC AP-2 214	75.8	swpp017	Wilson County	04020203	Temp ROW	UNT to Backhorn Branch	Perennial	5	NA	83	NA	NA	Dam and Pump or Flume	1	NA	NA	NA	NA	C	NA	35.66487	-78.12057
	75.8	swpp019	Wilson County	04020203	Temp ROW	UNT to Backhorn Branch	Intermittent	NA	NA	3	NA	NA	Not Crossed by Centerline	NA	NA	NA	NA	NA	C	NA	35.66459	-78.12103
	76.0	wwpp013f	Wilson County	04020203	Temp ROW	Wetland	NA	4164	NA	NA	NA	NA	Open Cut-Wetland	NA	PFO	7.12	2.86	0.00	NA	NA	35.65851	-78.12796
	76.8	wwpp013c	Wilson County	04020203	Temp ROW	Wetland	NA	39	NA	NA	NA	NA	Open Cut-Wetland	NA	PEM	0.06	0.00	0.00	NA	NA	35.65340	-78.13123
NC AP-2 215	76.8	wwpp013f	Wilson County	04020203	Temp ROW	Wetland	NA	182	NA	NA	NA	NA	Open Cut-Wetland	NA	PFO	0.31	0.13	0.00	NA	NA	35.65314	-78.13131
NC AP-2 216	76.9	wwpp014f	Wilson County	04020203	Temp ROW	Wetland	NA	285	NA	NA	NA	NA	Open Cut-Wetland	NA	PFO	0.51	0.20	0.00	NA	NA	35.65242	-78.13236
NC AP-2 217	77.0	wws0018f	Wilson County	04020203	Temp ROW	Wetland	NA	140	NA	NA	NA	NA	Open Cut-Wetland	NA	PFO	0.22	0.10	0.00	NA	NA	35.65688	-78.13170
NC AP-2 218	77.3	wws0015f	Wilson County	04020203	Temp ROW	Wetland	NA	257	NA	NA	NA	NA	Open Cut-Wetland	NA	PFO	0.41	0.17	0.00	NA	NA	35.64811	-78.13663

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Wetland and Waterbody Crossings for the Atlantic Coast Pipeline within the  
U.S. Army Corps of Engineers - Wilmington District

Single-Crossing ID#	MP	Feature ID#	County	HUC 8	Project Facility Crossed	Waterbody Name	Waterbody Regime	Pipeline Crossing (feet)	Waterbody Access Road Crossing (feet)	Temporary Affected Bank Length (feet)	Permanent Waterbody Impact (acres)	Construction Method	Waterbody Restoration Type	Cowardin Class.	Wetland Temporary Impact (acres)	Wetland Conversion (acres)	Wetland Loss (acres)	State Reg. Class.	Time of Year Restrictions	Latitude	Longitude
	77.4	ww0014	Wilson County	04020303	Temp ROW, Perm ROW	Wetland	NA	NA	NA	NA	NA	Not Crossed by Centerline	N/A	PSS	0.00	0.00	0.00	NA	NA	35.64632	-78.13804
NC AP-2 219	77.5	ww0104	Wilson County	04020203	Temp ROW, Perm ROW	Wetland	NA	113	NA	NA	NA	Open Cut-Wetland	N/A	PFO	1.89	0.77	0.00	NA	NA	35.64491	-78.13964
NC AP-2 220	77.9	wj00034	Johnston County	04020203	Temp ROW, Perm ROW	Wetland	NA	1397	NA	NA	NA	Open Cut-Wetland	N/A	PFO	3.13	1.24	0.00	NA	NA	35.63888	-78.14595
NC AP-2 221	78.5	wj00041	Johnston County	04020201	Temp ROW, Perm ROW	Wetland	NA	966	NA	NA	NA	Open Cut-Wetland	N/A	PFO	1.79	0.67	0.00	NA	NA	35.63397	-78.15089
NC AP-2 222	78.9	sj00101	Johnston County	04020201	Temp ROW, Perm ROW	UNT to Little Buffalo Creek	Enhancement	2	NA	128	NA	Dam and Pump or Flume	I	NA	NA	NA	NA	C	NA	35.63690	-78.13419
NC AP-2 223	78.9	sj00102	Johnston County	04020201	Temp ROW, Perm ROW	UNT to Little Buffalo Creek	Enhancement	2	NA	112	NA	Dam and Pump or Flume	I	NA	NA	NA	NA	C	NA	35.62990	-78.13491
NC AP-2 224	79.1	wj00104	Johnston County	04020201	Temp ROW, Perm ROW	Wetland	NA	251	NA	NA	NA	Open Cut-Wetland	N/A	PFO	0.36	0.17	0.00	NA	NA	35.62902	-78.15609
NC AP-2 225	79.2	sj00103	Johnston County	04020201	Temp ROW, Perm ROW	UNT to Little Buffalo Creek	Perennial	26	NA	86	NA	Dam and Pump or Flume	I	NA	NA	NA	NA	C	NA	35.62885	-78.13752
NC AP-2 226	79.3	wj00038	Johnston County	04020201	Temp ROW, Perm ROW	Wetland	NA	NA	NA	NA	NA	Not Crossed by Centerline	N/A	PFO	0.06	0.00	0.00	NA	NA	35.62642	-78.13916
NC AP-2 227	79.3	wj00101	Johnston County	04020201	Temp ROW, Perm ROW	Wetland	NA	125	NA	NA	NA	Open Cut-Wetland	N/A	PFO	0.21	0.09	0.00	NA	NA	35.62542	-78.13944
NC AP-2 228	79.4	wj00111	Johnston County	04020201	Temp ROW, Perm ROW	Wetland	NA	463	NA	NA	NA	Open Cut-Wetland	N/A	PSS	0.51	0.11	0.00	NA	NA	35.62465	-78.16156
NC AP-2 229	79.5	sj00104	Johnston County	04020201	Temp ROW, Perm ROW	Little Buffalo Creek	Perennial	30	NA	191	NA	Flume	I	NA	NA	NA	NA	C, NSW	NA	35.62424	-78.16224
NC AP-2 230	79.7	sj00106	Johnston County	04020201	Temp ROW, Perm ROW	Wetland	NA	99	NA	NA	NA	Open Cut-Wetland	N/A	PFO	0.18	0.07	0.00	NA	NA	35.62310	-78.16486
NC AP-2 231	79.8	wj00105	Johnston County	04020201	Temp ROW, Perm ROW	Wetland	NA	517	NA	NA	NA	Open Cut-Wetland	N/A	PFO	0.86	0.36	0.00	NA	NA	35.62175	-78.16713



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Wetland and Waterbody Crossings for the Atlantic Coast Pipeline within the  
U.S. Army Corps of Engineers - Wilmington District

Simple Complete Consong ID	MP	Feature ID	County	HUC 8	Project Facility Crossed	Waterbody Name	Waterbody Regime	Pipeline Centerline Crossing Offset	Waterbody Access Road Centerline Crossing Offset	Temporary Affected Bank Length Workspace Feet	Permanent Affected Bank Length Access Road Offset Feet	Construction Method	Waterbody Restoration Type	Consolidation Class	Wetland Temporary Impact Feet	Wetland Conversion Feet	Wetland Loss Feet	State Reg. Class	Time of Year Restrictions	Latitude	Longitude	
	79.9	wjpe0103e	Johnston County	04020201	Temp ROW	Wetland	NA	41	NA	NA	NA	Open Cut Wetland	N/A	PEM	0.07	0.00	0.00	NA	NA	35.62118	-78.16848	
NC AP-2 228	80.1	wjpe0104e	Johnston County	04020201	Temp ROW	Wetland	NA	1102	NA	NA	NA	Open Cut Wetland	N/A	PEM	1.00	0.76	0.00	NA	NA	35.61864	-78.17190	
NC AP-2 229	80.4	wjpe0105e	Johnston County	04020201	Temp ROW	Wetland	NA	586	NA	NA	NA	Open Cut Wetland	N/A	PEM	1.00	0.40	0.00	NA	NA	35.61569	-78.17423	
NC AP-2 230	80.6	wjpe0106e	Johnston County	04020201	Temp ROW	Wetland	NA	1367	NA	NA	NA	Open Cut Wetland	N/A	PEM	2.27	0.92	0.00	NA	NA	35.60227	-78.17684	
NC AP-2 231	81.0	wjpe0107e	Johnston County	04020201	Temp ROW	Wetland	NA	771	NA	NA	NA	Open Cut Wetland	N/A	PEM	1.32	0.53	0.00	NA	NA	35.60536	-78.17685	
NC AP-2 232	81.4	wjpe0108e	Johnston County	04020201	Temp ROW	Wetland	Intermittent	3	NA	134	NA	Dam and Pump or Open Cut	1	NA	NA	NA	NA	NA	C	NA	35.60912	-78.17876
NC AP-2 233	81.5	wjpe0109e	Johnston County	04020201	Temp ROW	Wetland	NA	92	NA	NA	NA	Open Cut Wetland	N/A	PEM	0.17	0.06	0.00	NA	NA	35.60699	-78.18409	
NC AP-2 234	81.9	wjpe0104e	Johnston County	04020201	Temp ROW	Wetland	NA	13	NA	NA	NA	Open Cut Wetland	N/A	PEM	0.02	0.00	0.00	NA	NA	35.60637	-78.18636	
NC AP-2 235	82.5	wjpe0101e	Johnston County	04020201	Temp ROW	Wetland	NA	395	NA	NA	NA	Open Cut Wetland	N/A	PEM	1.32	0.54	0.00	NA	NA	35.60318	-78.19009	
NC AP-2 236	82.6	wjpe0102e	Johnston County	04020201	Temp ROW	Wetland	Intermittent	5	NA	81	NA	Dam and Pump or Flume	1	NA	NA	NA	NA	C	NA	35.59821	-78.19072	
NC AP-2 237	82.8	wjpe0103e	Johnston County	04020201	Temp ROW	Wetland	Intermittent	87	NA	NA	NA	HDD	N/A	PEM	0.60	0.00	0.00	NA	NA	35.59541	-78.19610	
NC AP-2 238	82.5	wjpe0102e	Johnston County	04020201	Temp ROW	Wetland	Intermittent	2	NA	0	NA	HDD	N/A	PEM	1.32	0.54	0.00	NA	NA	35.59465	-78.19637	
NC AP-2 239	82.6	wjpe0104e	Johnston County	04020201	Temp ROW	Wetland	Intermittent	57	NA	0	NA	HDD	N/A	PEM	1.32	0.54	0.00	NA	NA	35.59444	-78.19665	
NC AP-2 240	82.6	wjpe0105e	Johnston County	04020201	Temp ROW	Wetland	Intermittent	6	NA	0	NA	HDD	N/A	PEM	1.32	0.54	0.00	NA	NA	35.59392	-78.19742	
NC AP-2 241	82.6	wjpe0106e	Johnston County	04020201	Temp ROW	Wetland	Intermittent	408	NA	NA	NA	HDD	N/A	PEM	0.00	0.00	0.00	NA	NA	35.59356	-78.19704	
NC AP-2 242	83.2	wjpe0107e	Johnston County	04020201	Temp ROW	Wetland	Intermittent	345	NA	NA	NA	Open Cut Wetland	N/A	PEM	0.60	0.24	0.00	NA	NA	35.58892	-78.20475	
NC AP-2 243	83.4	wjpe0108e	Johnston County	04020201	Temp ROW	Wetland	Intermittent	6	NA	113	NA	Dam and Pump or Flume	1	NA	NA	NA	NA	C	NA	35.58734	-78.20735	

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Wetland and Waterbody Crossings for the Atlantic Coast Pipeline within the U.S. Army Corps of Engineers - Wilmington District

Single-Crossing ID#	MP	Feature ID#	County	BUC#	Project Facility Crossing	Waterbody Name	Waterbody Regime	Pipeline Crossing (feet)	Waterbody Access Crossing (feet)	Temporary Affected Bank Length (feet)	Proposed Affected Bank Length (feet)	Permanent Waterbody Impact (acres)	Construction Method	Waterbody Restoration TYPE	Cowardin Class	Wetland Temporary Impact (acres)	Wetland Conversion (acres)	Wetland Loss (acres)	State Reg. Class	Time of Year Restrictions	Latitude	Longitude
NC AP-2 238	83.5	wp0006	Johnston County	01020201	Temp ROW	UNT to Buffalo Creek	Intermittent	3	NA	186	NA	NA	Dam and Pump or Flume	I	NA	NA	NA	NA	C	NA	35.58696	-78.20803
NC AP-2 239	83.7	wp0017	Johnston County	01020201	Temp ROW	Wetland	NA	36	NA	NA	NA	NA	Open Cut-Wetland	N/A	PEO	0.67	0.00	0.00	NA	NA	35.58969	-78.21248
NC AP-2 240	84.5	wp0031	Johnston County	01020201	Temp ROW	Wetland	NA	178	NA	NA	NA	NA	Open Cut-Wetland	N/A	PEO	0.62	0.26	0.00	NA	NA	35.57559	-78.21117
NC AP-2 241	84.5	wp0014	Johnston County	01020201	Temp ROW	UNT to Big Branch	Ephemeral	NA	NA	214	NA	NA	Not Crossed by Centerline	N/A	NA	NA	NA	NA	C	NA	35.57478	-78.21130
NC AP-2 242	84.5	wp0002	Johnston County	01020201	Temp ROW	UNT to Big Branch	Intermittent	NA	NA	6	NA	NA	Not Crossed by Centerline	N/A	NA	NA	NA	NA	C,SSW	NA	35.57524	-78.21171
NC AP-2 243	84.6	wp0007	Johnston County	01020201	Temp ROW	Big Branch	Intermittent	15	NA	152	NA	NA	Dam and Pump	I	NA	NA	NA	NA	C,SSW	NA	35.57582	-78.21258
NC AP-2 244	85.0	wp0011	Johnston County	01020201	Temp ROW	Wetland	NA	905	NA	NA	NA	NA	Open Cut-Wetland	N/A	PEO	1.58	0.62	0.00	NA	NA	35.57574	-78.22749
NC AP-2 245	85.3	wp0003	Johnston County	01020201	Temp ROW	Wetland	NA	286	NA	NA	NA	NA	Open Cut-Wetland	N/A	PEO	0.43	0.17	0.00	NA	NA	35.57568	-78.23178
NC AP-2 246	85.6	wp0023	Johnston County	01020201	Temp ROW	Wetland	NA	961	NA	NA	NA	NA	Open Cut-Wetland	N/A	PEO	1.68	0.66	0.00	NA	NA	35.57165	-78.23167
NC AP-2 247	85.9	wp0031	Johnston County	01020201	Temp ROW	Wetland	NA	258	NA	NA	NA	NA	Open Cut-Wetland	N/A	PEO	0.45	0.18	0.00	NA	NA	35.57046	-78.23789
NC AP-2 248	85.9	wp0001	Johnston County	01020201	Temp ROW	UNT to Little Creek	Perennial	8	NA	76	NA	NA	Dam and Pump	I	NA	NA	NA	NA	C	NA	35.57092	-78.23771
NC AP-2 249	86.1	wp0044	Johnston County	01020201	Temp ROW	Wetland	NA	373	NA	NA	NA	NA	Open Cut-Wetland	N/A	PSS	0.62	0.09	0.00	NA	NA	35.57001	-78.24141
NC AP-2 250	86.3	wp0015	Johnston County	01020201	Temp ROW	Wetland	NA	NA	NA	NA	NA	NA	Not Crossed by Centerline	N/A	PEO	0.01	0.00	0.00	NA	NA	35.57000	-78.24609
NC AP-2 251	86.4	wp0016	Johnston County	01020201	Temp ROW	Wetland	NA	832	NA	NA	NA	NA	Open Cut-Wetland	N/A	PEO	0.91	0.36	0.00	NA	NA	35.56810	-78.24683
NC AP-2 252	86.5	wp0004	Johnston County	01020201	Temp ROW	Little Creek	Perennial	5	NA	122	NA	NA	Dam and Pump	I	NA	NA	NA	NA	C,SSW	NA	35.56831	-78.24653

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Wetland and Waterbody Crossings for the Atlantic Coast Pipeline within the U.S. Army Corps of Engineers - Wilmington District

Single Complete Crossing ID	AP	Feature ID	County	HEC #	Project Facility Crossed	Waterbody Name	Waterbody Regime	Pipeline Crossing (feet)	Waterbody Access Road Crossing (feet)	Temporary Affected Bank Length (feet)	Permanent Affected Bank Length (feet)	Construction Method	Waterbody Restoration Type	Coordinate Class	Wetland Temporarily Impaired (acres)	Wetland Conversion (acres)	Wetland Loss (acres)	State Reg. Class	Time of Year Restrictions	Latitude	Longitude
NC AP-2 248	87.0	wpap0171	Johnston County	03020201	Temp ROW	Wetland	NA	244	NA	NA	NA	Open Cur. Wetland	N/A	PEO	0.56	0.17	0.00	NA	NA	35.52306	-78.25003
NC AP-2 249	87.3	wpap0191	Johnston County	03020301	Temp ROW	Wetland	NA	114	NA	NA	NA	Open Cur. Wetland	N/A	PEO	0.12	0.08	0.00	NA	NA	35.52609	-78.25000
NC AP-2 250	87.3	wpap0195	Johnston County	03020301	Temp ROW	LINE to Moccasin Creek	Intermittent	3	NA	79	NA	Dam and Pump or Flume	I	NA	NA	NA	NA	C	NA	35.52637	-78.25076
NC AP-2 251	87.4	wpap0201	Johnston County	03020301	Temp ROW	Wetland	NA	NA	NA	NA	NA	Not Crossed by Centerline	N/A	PEO	0.01	0.00	0.00	NA	NA	35.52552	-78.25082
NC AP-2 252	87.6	wpap0211	Johnston County	03020301	Temp ROW	Wetland	NA	2710	NA	NA	NA	Open Cur. Wetland	N/A	PEO	4.73	1.80	0.00	NA	NA	35.52404	-78.25041
NC AP-2 253	88.9	wpap0205	Johnston County	03020301	Temp ROW	LINE to Moccasin Creek	Intermittent	3	NA	120	NA	Dam and Pump or Flume	I	NA	NA	NA	NA	C	NA	35.52500	-78.24524
NC AP-2 254	89.6	wpap0201	Johnston County	03020301	Temp ROW	Wetland	NA	432	NA	NA	NA	Open Cur. Wetland	N/A	PEO	0.74	0.30	0.00	NA	NA	35.52643	-78.25108
NC AP-2 255	89.7	wpap0204	Johnston County	03020301	Temp ROW	Wetland	NA	115	NA	NA	NA	Open Cur. Wetland	N/A	PEO	0.19	0.08	0.00	NA	NA	35.52500	-78.25286
NC AP-2 256	89.7	wpap0207	Johnston County	03020301	Temp ROW	Moccasin Creek	Perennial	17	NA	114	NA	Dam and Pump or Flume	I	NA	NA	NA	NA	C, NSW	NA	35.52586	-78.25288
NC AP-2 257	89.8	wpap0221	Johnston County	03020301	Temp ROW	Wetland	NA	451	NA	NA	NA	Open Cur. Wetland	N/A	PEO	0.71	0.30	0.00	NA	NA	35.52538	-78.25445
NC AP-2 258	90.0	wpap0221	Johnston County	03020301	Temp ROW	Wetland	NA	745	NA	NA	NA	Open Cur. Wetland	N/A	PEO	1.27	0.51	0.00	NA	NA	35.52587	-78.25855
NC AP-2 259	90.3	wpap0222	Johnston County	03020301	Temp ROW	Wetland	NA	241	NA	NA	NA	Open Cur. Wetland	N/A	PEM	0.42	0.00	0.00	NA	NA	35.52411	-78.26277
NC AP-2 260	90.4	wpap0206	Johnston County	03020301	Temp ROW	Wetland	NA	25	NA	NA	NA	Open Cur. Wetland	N/A	PEM	0.04	0.00	0.00	NA	NA	35.52254	-78.26609
NC AP-2 261	90.6	wpap0201	Johnston County	03020301	Temp ROW	Wetland	NA	421	NA	NA	NA	Open Cur. Wetland	N/A	PEO	0.71	0.29	0.00	NA	NA	35.52130	-78.26772
NC AP-2 262	90.9	wpap0228	Johnston County	03020301	Temp ROW	Wetland	NA	490	NA	NA	NA	Open Cur. Wetland	N/A	PSS	0.69	0.09	0.00	NA	NA	35.52015	-78.27215

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Wetland and Waterbody Crossings for the Atlantic Coast Pipeline within the U.S. Army Corps of Engineers - Wilmington District

Single Crossing ID #	MP	Feature ID	County	HUC 8	Project Facility Crossing	Waterbody Name	Waterbody Regime	Pipeline Centerline Crossing (feet)	Waterbody Access Road Centerline Crossing (feet)	Temporary Affected Bank Length Workspace (feet)	Permanent Affected Bank Length Access Road (feet)	Permanent Waterbody Impact (acre)	Construction Method	Waterbody Restoration Type	Cowardin Class	Wetland Temporary Impact (acres)	Wetland Conservation (acres)	Wetland Loss (acres)	State Reg. Class	Time of Year Restrictions	Latitude	Longitude
NC AP-2 260	91.0	wjwp011x	Johnston County	04020201	ROW, Temp	Wetland	NA	300	NA	NA	NA	NA	Open Cut-Wetland	N/A	PSS	0.53	0.07	0.00	NA	NA	35.52026	-78.27369
NC AP-2 261	91.0	wjwp011c	Johnston County	04020201	ROW, Temp	Wetland	NA	101	NA	NA	NA	NA	Open Cut-Wetland	N/A	PEM	0.17	0.00	0.00	NA	NA	35.51994	-78.27401
NC AP-2 262	91.1	wjwp011h	Johnston County	04020201	ROW, Temp	Wetland	NA	228	NA	NA	NA	NA	Open Cut-Wetland	N/A	PFO	0.44	0.17	0.00	NA	NA	35.51884	-78.27454
NC AP-2 263	91.2	wjwp008x	Johnston County	04020201	ROW, Temp	UNT to Broadly Swamp	Intermittent	2	NA	113	NA	NA	Dam and Pump or Flume	1	NA	NA	NA	NA	C	NA	35.51771	-78.27502
NC AP-2 264	91.8	wjwp012f	Johnston County	04020201	ROW, Temp	Wetland	NA	157	NA	NA	NA	NA	Open Cut-Wetland	N/A	PFO	0.24	0.11	0.00	NA	NA	35.50924	-78.27807
NC AP-2 265	92.1	wjwp010	Johnston County	04020201	ROW, Temp	Bowly Swamp	Perennial	8	NA	110	NA	NA	Open Cut-Wetland	N/A	NA	NA	NA	NA	C, ASW	NA	35.50582	-78.28042
NC AP-2 266	92.1	wjwp013f	Johnston County	04020201	ROW, Temp	Wetland	NA	79	NA	NA	NA	NA	Open Cut-Wetland	N/A	PFO	0.12	0.05	0.00	NA	NA	35.50589	-78.28074
NC AP-2 267	92.6	wjwp011f	Johnston County	04020201	ROW, Temp	Wetland	NA	165	NA	NA	NA	NA	Open Cut-Wetland	N/A	PFO	2.76	1.13	0.00	NA	NA	35.50697	-78.29097
NC AP-2 268	93.0	wjwp019f	Johnston County	04020201	ROW, Temp	Wetland	NA	443	NA	NA	NA	NA	Open Cut-Wetland	N/A	PFO	0.77	0.30	0.00	NA	NA	35.50339	-78.29130
NC AP-2 269	93.1	wjwp018f	Johnston County	04020201	ROW, Temp	Wetland	NA	18	NA	NA	NA	NA	Open Cut-Wetland	N/A	PFO	0.05	0.01	0.00	NA	NA	35.50679	-78.29195
NC AP-2 270	93.3	wjwp019f	Johnston County	04020201	ROW, Temp	Wetland	NA	910	NA	NA	NA	NA	Open Cut-Wetland	N/A	PFO	1.56	0.63	0.00	NA	NA	35.49770	-78.29322
NC AP-2 271	93.6	wjwp015	Johnston County	04020201	ROW, Temp	UNT to Mill Branch	Intermittent	14	NA	538	NA	NA	Dam and Pump or Flume	1	NA	NA	NA	NA	C	NA	35.49521	-78.29442
NC AP-2 272	94.0	wjwp020f	Johnston County	04020201	ROW, Temp	Wetland	NA	1403	NA	NA	NA	NA	Open Cut-Wetland	N/A	PFO	2.43	0.97	0.00	NA	NA	35.48363	-78.29639
NC AP-2 273	94.7	wjwp020f	Johnston County	04020201	ROW, Temp	Wetland	NA	133	NA	NA	NA	NA	Open Cut-Wetland	N/A	PFO	0.21	0.09	0.00	NA	NA	35.47970	-78.29390
NC AP-2 274	95.1	wjwp019f	Johnston County	04020201	ROW, Temp	Wetland	NA	143	NA	NA	NA	NA	Open Cut-Wetland	N/A	PFO	0.26	0.10	0.00	NA	NA	35.47494	-78.29354

APPENDIX C-1 REVISED 11-3-2017

Wetland and Waterbody Crossings for the Atlantic Coast Pipeline within the U.S. Army Corps of Engineers - Wilmington District

Single Complete Crossing ID#	MAP	Feature ID#	County	HEC #	Project Facility Crossed	Waterbody Name	Waterbody Regime	Pipeline Centerline Crossing (feet)	Waterbody Access Road Crossing (feet)	Temporary Affected Bank Length (feet)	Permanent Wetland Impact (acres)	Construction Method	Waterbody Restoration Type	Cowardin Class.	Wetland Temporary Impact (acres)	Wetland Conversion (acres)	Wetland Loss (acres)	State Reg. Class.	Time of Year Restrictions	Latitude	Longitude
NC AP-2 272	95.1	wp0011	Johnston County	03020201	Temp ROW	UNT to Nemo River	Intermittent	8	NA	88	NA	Dam and Pump or Flume	1	NA	NA	NA	NA	C	NA	35.4788	-78.4075
NC AP-2 273	95.3	wp0018	Johnston County	03020201	Temp ROW	UNT to Pollock Branch	Intermittent	NA	NA	187	NA	Not Crossed by Centerline	N/A	NA	NA	NA	NA	C	NA	35.4782	-78.3076
NC AP-2 274	95.5	wp0019	Johnston County	03020201	Temp ROW	UNT to Pollock Branch	Intermittent	NA	NA	10	NA	Not Crossed by Centerline	N/A	NA	NA	NA	NA	C	NA	35.4697	-78.3164
NC AP-2 275	95.9	wp0108	Johnston County	03020201	Temp ROW	Wetland	NA	749	NA	NA	NA	Open Cur-Wetland	N/A	PFO	1.27	0.00	0.00	NA	NA	35.4632	-78.3184
NC AP-2 276	96.1	wp0107	Johnston County	03020201	Temp ROW	Wetland	NA	49	NA	NA	NA	Open Cur-Wetland	N/A	PFO	0.09	0.03	0.00	NA	NA	35.4612	-78.3159
NC AP-2 277	96.4	wp0114	Johnston County	03020201	Temp CPY	UNT to Pollock Branch	Perennial	4	NA	116	NA	Dam and Pump or Flume	1	NA	NA	NA	NA	C	NA	35.4594	-78.3162
NC AP-2 278	96.4	wp0109	Johnston County	03020201	Temp CPY	UNT to Pollock Branch	Intermittent	NA	NA	6	NA	Not Crossed by Centerline	N/A	PFO	0.06	0.00	0.00	NA	NA	35.4744	-78.3168
NC AP-2 279	97.1	wp0031	Johnston County	03020201	Temp ROW	Wetland	NA	233	NA	NA	NA	Open Cur-Wetland	N/A	PFO	0.40	0.16	0.00	NA	NA	35.4507	-78.3047
NC AP-2 280	97.1	wp0031	Johnston County	03020201	Temp ROW	Wetland	NA	868	495	NA	NA	Open Cur-Wetland	N/A	PFO	1.93	0.60	0.00	NA	NA	35.4453	-78.3164
NC AP-2 281	97.4	wp0030	Johnston County	03020201	Temp ROW	Wetland	NA	857	NA	NA	NA	Open Cur-Wetland	N/A	PFO	1.51	0.61	0.00	NA	NA	35.4435	-78.3167
NC AP-2 282	97.5	wp0008	Johnston County	03020201	Temp ROW	Pollock Branch	Perennial	9	11	117	32	Dam and Pump and Flume	1	NA	NA	NA	NA	C	NA	35.4462	-78.3169
NC AP-2 283	97.6	wp0034	Johnston County	03020201	Temp ROW	Wetland	NA	2133	70	NA	NA	Open Cur-Wetland	N/A	PFO	3.75	1.50	0.00	NA	NA	35.4393	-78.3133
NC AP-2 284	97.7	wp0035	Johnston County	03020201	Temp ROW	Wetland	NA	NA	70	NA	NA	Not Crossed by Centerline	N/A	PFO	0.09	0.01	0.00	NA	NA	35.4385	-78.3168

APPENDIX C-1 REVISED 11-3-2017

Wetland and Waterbody Crossings for the Atlantic Coast Pipeline within the U.S. Army Corps of Engineers - Wilmington District

Single Crossing ID	MP	Featur. ID	County	BUC #	Project Facility Cross-Permit	Waterbody Name	Waterbody Regime	Pipeline Centerline Crossing (feet)	Waterbody Access Road Crossing (feet)	Temporary Affect Bank Length Workspace (feet)	Permanent Affect Bank Length Access Road (feet)	Construction Method	Waterbody Restoration Type	Cowardin Class.	Wetland Temporary Impact (acres)	Wetland Conversion (acres)	Wetland Loss (acres)	State Reg. Class	Time of Year Restrictions	Latitude	Longitude
	97.7	swep009	Johnston County	01020201	Temp AR, ROW, Temp ROW	UNT to Pease River Branch	Intermittent	10	10	117	31	0.01	1	NA	NA	NA	NA	C	NA	35.43803	-78.32128
	97.7	swep011	Johnston County	01020201	Perm AR	Wetland	NA	NA	NA	NA	NA	0.00	1	PFO	0.00	0.04	0.04	NA	NA	35.44912	-78.31401
	97.2	swep001	Johnston County	01020201	Perm AR	UNT to Pease River Branch	Intermittent	NA	NA	13	NA	0.00	N/A	NA	NA	NA	NA	C	NA	35.44916	-78.31381
NC AP-2 280	97.2	swep021	Johnston County	01020201	Perm AR	Wetland	NA	NA	3	NA	NA	0.00	N/A	PFO	0.00	0.00	0.00	NA	NA	35.44908	-78.31377
NC AP-2 281	97.2	swep011	Johnston County	01020201	Perm AR	Untamed Pond	Pond	NA	NA	NA	NA	0.00	1	NA	NA	NA	NA	NA	NA	35.44781	-78.31597
	97.8	swep036	Johnston County	01020201	Temp AR	Wetland	NA	NA	253	NA	NA	0.57	NA	PFO	0.57	0.00	0.00	NA	NA	35.43928	-78.32727
NC AP-2 282	97.8	swep036	Johnston County	01020201	Temp AR	Wetland	NA	NA	18	NA	NA	0.21	NA	PFO	0.21	0.00	0.00	NA	NA	35.43915	-78.32721
	98.0	swep036	Johnston County	01020201	Temp AR, ROW, Temp ROW, Perm ROW	Wetland	NA	198	NA	NA	NA	0.00	N/A	PFO	4.21	1.37	0.00	NA	NA	35.43530	-78.32970
	98.2	swep016	Johnston County	01020201	Temp ROW	UNT to Neuse River	Perennial	19	NA	125	NA	0.00	1	NA	NA	NA	NA	C	NA	35.43517	-78.32908
	98.2	swep034	Johnston County	01020201	Temp AR, Perm ROW	Wetland	NA	NA	NA	NA	NA	0.00	NA	PFO	0.02	0.00	0.00	NA	NA	35.43604	-78.33105
NC AP-2 283	98.3	DKWQ N C 0106	Johnston County	01020201	Temp ROW, Perm ROW, Temp ROW	Wetland	NA	117	NA	NA	NA	0.45	NA	PFO	0.45	0.08	0.00	NA	NA	35.43573	-78.33016
	98.3	swep034	Johnston County	01020201	Temp AR, Temp ROW, Perm ROW	Wetland	NA	788	195	NA	NA	0.00	N/A	PFO	1.15	0.26	0.00	NA	NA	35.43530	-78.33388
	98.4	swep127	Johnston County	01020201	Temp AR, Temp ROW	Wetland	NA	438	361	NA	NA	0.00	N/A	PFO	0.00	0.00	0.00	NA	NA	35.43804	-78.33386
NC AP-2 284	98.4	swep128	Johnston County	01020201	Temp ROW	Wetland	NA	NA	NA	NA	NA	0.00	N/A	PSS	0.00	0.00	0.00	NA	NA	35.43668	-78.33552
NC AP-2 285	98.5	swep165	Johnston County	01020201	Perm AR, Temp ROW, Perm ROW	Neuse River	Perennial	108	NA	113	NA	0.00	N/A	NA	NA	NA	NA	4BPA WCU, NWR	February 1 to June 30, May 15 to Aug 31	35.43527	-78.33584
NC AP-2 286	98.6	swep017	Johnston County	01020201	Temp ROW	Wetland	NA	43	NA	NA	NA	0.00	N/A	PSS	0.08	0.01	0.00	NA	NA	35.43345	-78.33030

APPENDIX C.3 (REVISED 11-3-2017)

Wetland and Waterbody Crossings for the Atlantic Coast Pipeline within the U.S. Army Corps of Engineers - Wilmington District

Single Complete Crossing ID	MP	Feature ID	County	HEC's	Project Facility Crossed	Waterbody Name	Waterbody Regime	Pipeline Crossing (feet)	Waterbody Access Road Crossing (feet)	Temporary Affected Bank Length Workspace (feet)	Permanent Affected Bank Length Road (feet)	Permanent Waterbody Impact (acre)	Construction Method	Waterbody Reasoning Type	Conservation Class.	Wetland Temporary Impact (acres)	Wetland Conversion (acres)	Wetland Loss (acres)	State Reg. Class	Time of Year Restrictions	Latitude	Longitude
	98.6	wp00031	Johnston County	01020201	Temp ROW	Wetland	NA	302	NA	NA	NA	NA	Open Cur. Wetland	N/A	PEO	0.82	0.00	0.00	NA	NA	35.43455	-78.34028
	98.7	wp00031	Johnston County	01020201	Temp ROW	Wetland	NA	NA	47	NA	NA	NA	Perm AR - Wetland Loss	N/A	PEO	0.09	0.00	0.06	NA	NA	35.43182	-78.33945
	98.8	wp00031	Johnston County	01020201	Perm AR	Wetland	Intermittent	NA	5	32	NA	0.00	Perm AR	N/A	NA	NA	NA	NA	C	NA	35.43107	-78.33954
	98.8	wp00042	Johnston County	01020201	Temp ROW	Wetland	NA	1419	NA	NA	NA	NA	Open Cur. Wetland	N/A	PEO	3.33	0.06	0.00	NA	NA	35.43234	-78.34142
NC AP-2 286	99.0	wp00041	Johnston County	01020201	Temp ROW	Wetland	NA	66	NA	NA	NA	NA	Open Cur. Wetland	N/A	PEO	0.17	0.05	0.00	NA	NA	35.43092	-78.34564
NC AP-2 287	98.8	wp00041	Johnston County	01020201	Perm AR	Wetland	NA	NA	62	NA	NA	NA	Perm AR - Wetland Loss	N/A	PEO	0.00	0.00	0.07	NA	NA	35.43163	-78.34152
NC AP-2 288	98.9	wp00042	Johnston County	01020201	Perm AR	Wetland	NA	NA	137	NA	NA	NA	Not Crossed by Centerline	N/A	PEO	0.00	0.00	0.00	NA	NA	35.43126	-78.34144
NC AP-2 289	99.0	wp00044	Johnston County	01020201	Perm AR	Wetland	NA	NA	NA	NA	NA	NA	Not Crossed by Centerline	N/A	PEO	0.00	0.00	0.00	NA	NA	35.43054	-78.34315
NC AP-2 290	99.0	wp00043	Johnston County	01020201	Perm AR	Wetland	NA	NA	NA	NA	NA	NA	Not Crossed by Centerline	N/A	PEO	0.00	0.00	0.00	NA	NA	35.43014	-78.34359
NC AP-2 291	99.0	wp00043	Johnston County	01020201	Perm AR	Wetland	NA	NA	NA	NA	NA	NA	Not Crossed by Centerline	N/A	PEO	0.00	0.00	0.00	NA	NA	35.42991	-78.34432
NC AP-2 292	99.3	wp00045	Johnston County	01020201	Temp ROW	Wetland	NA	1339	NA	NA	NA	NA	Open Cur. Wetland	N/A	PEO	3.20	0.92	0.00	NA	NA	35.42458	-78.34788
NC AP-2 293	99.8	PKWC_N_C-107	Johnston County	01020201	Perm GB	Wetland	NA	NA	NA	NA	NA	NA	Not Crossed by Centerline	N/A	PSS	0.78	0.00	0.00	NA	NA	35.42922	-78.35000
NC AP-2 294	99.8	wp00041	Johnston County	01020201	Temp ROW	Wetland	NA	767	NA	NA	NA	NA	Open Cur. Wetland	N/A	PEO	1.27	0.55	0.00	NA	NA	35.41790	-78.35143
NC AP-2 295	99.9	wp00021	Johnston County	01020201	Temp ROW	Wetland	NA	761	NA	NA	NA	NA	Open Cur. Wetland	N/A	PSS	1.47	0.17	0.00	NA	NA	35.41821	-78.35164
NC AP-2 296	100.5	wp00041	Johnston County	01020201	Temp ROW	Wetland	NA	229	NA	NA	NA	NA	Open Cur. Wetland	N/A	PEM	0.45	0.00	0.00	NA	NA	35.41124	-78.35628
NC AP-2 297	100.5	wp00041	Johnston County	01020201	Temp ROW	Wetland	NA	282	NA	NA	NA	NA	Open Cur. Wetland	N/A	PEO	0.59	0.20	0.00	NA	NA	35.40976	-78.35746
NC AP-2 298	100.7	wp00041	Johnston County	01020201	Temp ROW	Wetland	NA	445	NA	NA	NA	NA	Open Cur. Wetland	N/A	PEO	1.00	0.05	0.00	NA	NA	35.40344	-78.36095

APPENDIX C-1 REVISED 11/3/2017

Wetland and Waterbody Crossings for the Atlantic Coast Pipeline within the  
U.S. Army Corps of Engineers - Wilmington District

Single Consolidated ID	AP	Feature ID	County	BUC's	Project Facility Crossed	Waterbody Name	Waterbody Regime	Pipeline Centerline Crossing (feet)	Waterbody Access Road Centerline Crossing (feet)	Temporary Access Bank Length Workspace (feet)	Permanent Access Bank Length Road (feet)	Permanent Waterbody Impact (acre)	Construction Method	Waterbody Restoration Type	Waterbody Class	Wetland Temporary Impact (acres)	Wetland Conservation (acres)	Wetland Losses (acres)	State Reg. Class	Year Revised	Latitude	Longitude
NC AP-2 295	101.5	wap0011f	Johnston County	03020201	Temp ROW	Wetland	NA	147	NA	NA	NA	NA	Open Cut- Wetland	N/A	PEU	0.27	0.10	0.00	NA	NA	35.40649	-78.39621
NC AP-2 296	101.7	wap0012f	Johnston County	03020201	Temp ROW	Wetland	NA	513	NA	NA	NA	NA	Open Cut- Wetland	N/A	PEU	0.84	0.34	0.00	NA	NA	35.19872	-78.36780
NC AP-2 297	102.2	wap0009f	Johnston County	03020201	Temp ROW	Wetland	NA	21	NA	NA	NA	NA	Open Cut- Wetland	N/A	PTU	0.04	0.02	0.00	NA	NA	35.39601	-78.37006
NC AP-2 298	102.4	st0b006	Johnston County	03020201	Temp ROW	UNT to Hannah Creek	Intermittent	1	NA	135	NA	NA	Dam and Pump or Flume	I	NA	NA	NA	NA	C	NA	35.38599	-78.37592
NC AP-2 299	102.8	wap0006f	Johnston County	03020201	Temp ROW	Wetland	NA	751	NA	NA	NA	NA	Open Cut- Wetland	N/A	PTU	1.00	0.40	0.00	NA	NA	35.38447	-78.37662
NC AP-2 300	102.8	st0b005	Johnston County	03020201	Temp ROW	UNT to Hannah Creek	Intermittent	4	NA	76	NA	NA	Dam and Pump	I	NA	NA	NA	NA	C	NA	35.38469	-78.37663
NC AP-2 301	102.8	st0b004	Johnston County	03020201	Temp ROW	UNT to Hannah Creek	Perennial	4	NA	94	NA	NA	Dam and Pump	I	NA	NA	NA	NA	C	NA	35.18447	-78.37667
NC AP-2 302	103.9	wap0007f	Johnston County	03020201	Temp ROW	Wetland	NA	404	NA	NA	NA	NA	Open Cut- Wetland	N/A	PEU	0.78	0.35	0.00	NA	NA	35.37016	-78.38042
NC AP-2 303	103.9	st0b007	Johnston County	03020201	Temp ROW	UNT to Hannah Creek	Perennial	4	NA	98	NA	NA	Dam and Pump	I	NA	NA	NA	NA	C	NA	35.37020	-78.38068
NC AP-2 304	104.4	wap0006f	Johnston County	03020201	Temp ROW	Wetland	NA	110	NA	NA	NA	NA	Open Cut- Wetland	N/A	PEU	0.19	0.08	0.00	NA	NA	35.36867	-78.38701
NC AP-2 305	104.4	st0b004	Johnston County	03020201	Temp ROW	Unarmed Pond	Open Water	NA	NA	NA	NA	NA	Not Crossed by Centerline	N/A	NA	NA	NA	NA	NA	NA	35.36300	-78.33764
NC AP-2 306	105.0	wap0005f	Johnston County	03020201	Temp ROW	Whitlock Branch	NA	302	NA	NA	NA	NA	Open Cut- Wetland	N/A	PEU	0.68	0.27	0.00	NA	NA	35.35677	-78.38793
NC AP-2 307	106.3	wap0044f	Johnston County	03020201	Temp ROW	Wetland	NA	NA	NA	NA	NA	NA	Not Crossed by Centerline	N/A	PEU	0.00	0.00	0.00	NA	NA	35.34472	-78.40374
NC AP-2 308	106.3	wap0044f	Johnston County	03020201	Temp ROW	Wetland	NA	NA	NA	NA	NA	NA	Not Crossed by Centerline	N/A	PEM	0.00	0.00	0.00	NA	NA	35.34406	-78.40370
NC AP-2 309	106.3	wap0045f	Johnston County	03020201	Temp ROW	Wetland	NA	NA	NA	NA	NA	NA	Not Crossed by Centerline	N/A	PSS	0.00	0.00	0.00	NA	NA	35.34406	-78.40370
NC AP-2 310	106.3	wap0045f	Johnston County	03020201	Temp ROW	Shore Creek	NA	1411	NA	NA	NA	NA	Open Cut- Wetland	N/A	PTU	2.47	0.97	0.00	NA	NA	35.34056	-78.40584



APPENDIX C-1 REVISED 11-3-2017

Wetland and Waterbody Crossings for the Atlantic Coast Pipeline within the U.S. Army Corps of Engineers - Wilmington District

Single Crossing ID#	MP	Feature ID#	County	HUC 8	Project Facility Crossed	Waterbody Name	Waterbody Regime	Pipeline Crossing (feet)	Waterbody Access Road Crossing (feet)	Temporary Bank Workspacer Length (feet)	Permanent Bank Access Road (feet)	Construction Method	Waterbody Restoration Type 4	Construction Class	Wetland Temporary Impact (acres)	Wetland Conversion (acres)	Wetland Loss (acres)	State Reg. Class	Time of Year Restrictions	Latitude	Longitude
NC AP-2 306	107.5	wjap092f	Johnston County	03020201	Temp ROW	Johnston Swamp	NA	1137	NA	NA	NA	Open Cut Wetland	N/A	PEO	1.92	0.79	0.00	NA	NA	35.32483	-78.41664
NC AP-2 307	108.1	wjap0100	Johnston County	03020201	Temp ROW	Johnston Swamp	Open Water	NA	NA	NA	NA	Not Crossed by Centrifuge	N/A	NA	NA	NA	NA	NA	NA	35.32325	-78.42065
NC AP-2 308	108.9	wjap0611	Johnston County	03020201	Temp ROW	Wetland	NA	59	NA	NA	NA	Open Cut Wetland	N/A	PEO	0.08	0.04	0.00	NA	NA	35.32331	-78.42058
NC AP-2 309	110.6	wjap024f	Johnston County	03020201	Temp ROW	Wetland	NA	51	NA	NA	NA	Open Cut Wetland	N/A	PEO	0.69	0.03	0.00	NA	NA	35.31518	-78.43080
NC AP-2 310	110.5	wjap023f	Johnston County	03020201	Temp ROW	Wetland	NA	915	NA	NA	NA	Open Cut Wetland	N/A	PHI	1.71	0.64	0.00	NA	NA	35.30260	-78.44457
NC AP-2 311	111.4	wjap026f	Johnston County	03020201	Temp ROW	UNT to John K. Swamp	Epifaunal	3	NA	106	NA	Dam and Pump	N/A	NA	NA	NA	NA	C	NA	35.30170	-78.44081
NC AP-2 312	111.3	wjap025f	Johnston County	03020201	Temp ROW	John K Swamp	NA	748	NA	NA	NA	Open Cut Wetland	N/A	PHO	1.31	0.51	0.00	NA	NA	35.30217	-78.45101
NC AP-2 313	111.3	wjap027f	Johnston County	03020201	Temp ROW	Wetland	NA	49	NA	NA	NA	Open Cut Wetland	N/A	PEO	0.08	0.04	0.00	NA	NA	35.30138	-78.46350
NC AP-2 314	113.1	wjap067f	Johnston County	03020201	Temp ROW	Mill Branch	Ingratulant	8	NA	115	NA	Dam and Pump in Flume	N/A	NA	NA	NA	NA	C,SSW	NA	35.30289	-78.49312
NC AP-2 315	113.1	wjap027f	Johnston County	03020201	Temp ROW	Wetland	NA	938	NA	NA	NA	Open Cut Wetland	N/A	PEO	1.71	0.65	0.00	NA	NA	35.30307	-78.49535
NC AP-2 316	113.7	wjap024f	Johnston County	03020201	Temp ROW	Wetland	NA	1026	NA	NA	NA	Open Cut Wetland	N/A	PEO	1.74	0.60	0.00	NA	NA	35.30239	-78.50403
NC AP-2 317	114.0	wjap001f	Johnston County	03020201	Temp ROW	Wetland	NA	143	NA	NA	NA	Open Cut Wetland	N/A	PEO	0.37	0.10	0.00	NA	NA	35.30068	-78.50820
NC AP-2 318	114.1	wjap020f	Johnston County	03020201	Temp ROW	UNT to Jumping Run	Perennial	NA	6	22	NA	Not Crossed by Centrifuge	N/A	NA	NA	NA	NA	C	NA	35.30135	-78.50852
NC AP-2 319	114.1	wjap008f	Johnston County	03020201	Temp ROW	Wetland	Pond	NA	NA	NA	NA	Not Crossed by Centrifuge	N/A	NA	NA	NA	NA	NA	NA	35.30137	-78.50856
NC AP-2 320	114.1	wjap003f	Johnston County	03020201	Temp ROW	Wetland	NA	336	NA	NA	NA	Open Cut Wetland	N/A	PEO	0.87	0.23	0.00	NA	NA	35.30050	-78.51318

APPENDIX C-1 REVISED 1/15/2017

Wetland and Waterbody Crossings for the Atlantic Coast Pipeline within the  
U.S. Army Corps of Engineers - Wilmington District

Single Crossing ID#	MP	Feature ID#	County	HUC#	Project Facility Crossing	Waterbody Name	Waterbody Regime	Pipeline Centerline Crossing Offset	Waterbody Access Road Centerline Crossing Offset	Temporary Affected Bank Length Workzone Offset	Permanent Affected Bank Length Access Road Offset	Construction Method	Waterbody Restoration Type	Crossing Class	Wetland Temporary Impact Offset	Wetland Conversion Offset	Wetland Loss Offset	State Reg. Class	Time of Year Restrictions	Latitude	Longitude
NC AP-2 317	114.2	wsa001	Johnston County	03020201	Temp ROW	UNT to Jumper Run	Perennial	11	NA	157	NA	Flume or Dam and Pump	I	NA	NA	NA	NA	C	NA	35.30664	-78.51114
NC AP-2 318	114.5	wsa023c	Johnston County	03020201	Temp ROW	Wetland	NA	15	NA	NA	NA	Open Cur- Wetland	NA	PEM	0.03	0.00	0.00	NA	NA	35.30617	-78.51763
NC AP-2 319	114.5	wsa023d	Johnston County	03020201	Temp ROW	Wetland	NA	276	NA	NA	NA	Open Cur- Wetland	NA	PEO	0.49	0.16	0.00	NA	NA	35.29876	-78.51850
NC AP-2 320	114.6	wsa022f	Johnston County	03020201	Temp ROW	Wetland	NA	335	NA	NA	NA	Open Cur- Wetland	NA	PEO	0.63	0.24	0.00	NA	NA	35.29881	-78.52053
NC AP-2 321	115.4	wsa003	Sampson County	03030006	Temp ROW	UNT to Jumper Run	Epithermal	5	NA	198	NA	Dam and Pump or Flume	I	NA	NA	NA	NA	C	NA	35.29212	-78.53843
NC AP-2 322	115.7	wsa002f	Sampson County	03030006	Temp ROW	Wetland	NA	634	NA	NA	NA	Open Cur- Wetland	NA	PEO	1.09	0.44	0.00	NA	NA	35.28194	-78.54099
NC AP-2 323	116.9	wsa001f	Sampson County	03030006	Temp ROW	Wetland	NA	903	NA	NA	NA	Open Cur- Wetland	NA	PEO	0.50	0.20	0.00	NA	NA	35.27060	-78.55006
NC AP-2 324	116.9	wsa001	Sampson County	03030006	Temp ROW	Little Jumper Run	Perennial	8	NA	105	NA	Dam and Pump	I	NA	NA	NA	NA	C, S6	NA	35.27076	-78.55053
NC AP-2 325	117.2	wsa002f	Sampson County	03030006	Temp ROW	Wetland	NA	476	NA	NA	NA	Open Cur- Wetland	NA	PEO	0.86	0.33	0.00	NA	NA	35.27698	-78.55167
NC AP-2 326	117.2	wsa003	Sampson County	03030006	Temp ROW	Jumper Run	Perennial	17	NA	84	NA	Dam and Pump	I	NA	NA	NA	NA	C, S6	NA	35.27731	-78.55238
NC AP-2 327	117.9	wsa002f	Sampson County	03030006	Temp ROW	Wetland	NA	267	NA	NA	NA	Open Cur- Wetland	NA	PEO	0.54	0.21	0.00	NA	NA	35.26870	-78.55870
NC AP-2 328	118.3	wsa010d	Sampson County	03030006	Temp ROW	Wetland	NA	1817	NA	NA	NA	Open Cur- Wetland	NA	PEO	3.12	1.25	0.00	NA	NA	35.26687	-78.56096
NC AP-2 329	118.7	wsa011f	Sampson County	03030006	Temp ROW	Wetland	NA	689	NA	NA	NA	Open Cur- Wetland	NA	PEO	1.65	0.47	0.00	NA	NA	35.25727	-78.56245
NC AP-2 330	118.8	wsa007c	Sampson County	03030006	Temp ROW	Wetland	NA	438	NA	NA	NA	Open Cur- Wetland	NA	PEM	0.68	0.00	0.00	NA	NA	35.25594	-78.56383
NC AP-2 331	118.9	wsa007f	Sampson County	03030006	Temp ROW	Wetland	NA	1446	NA	NA	NA	Open Cur- Wetland	NA	PEO	2.44	0.88	0.00	NA	NA	35.25406	-78.56514

APPENDIX C.1 (REVISED 11.3.2017)

Wetland and Waterbody Crossings for the Atlantic Coast Pipeline within the U.S. Army Corps of Engineers - Wilmington District

Single Complete Crossing ID#	MP	Feature ID#	County	HUC #	Project Facility Crossing	Waterbody Name	Waterbody Regime	Pipeline Crossing (feet)	Waterbody Access Road Crossing (feet)	Temporary Affected Bank Length Workarea (feet)	Permanent Affected Bank Length Access Road (feet)	Permanent Waterbody Impact (acre)	Construction Method	Waterbody Restoration Type	Wetland Conversion (acres)	Wetland Loss (acres)	Static Reg. Class	Time of Year Restrictions	Latitude	Longitude
NC AP-2 326	118.9	55a01007	Sampson County	04030006	Temp ROW	Heavenham Swamp	Perennial	35	NA	266	NA	NA	Dam and Pump	I	NA	NA	C, SW	NA	35.25603	-78.66428
	119.6	55a01009	Sampson County	04030006	Temp ROW	Wetland	NA	955	NA	NA	NA	NA	Open Cur-Wetland	NA	0.00	0.00	NA	NA	35.24858	-78.67668
NC AP-2 327	119.7	55a01011	Sampson County	04030006	Temp ROW	Beaverdam Swamp	Perennial	217	NA	201	NA	NA	Flume	I	NA	NA	C, SW	NA	35.24910	-78.67570
NC AP-2 328	120.4	55a01033	Sampson County	04030006	Temp ROW	Wetland	NA	34	NA	NA	NA	NA	Open Cur-Wetland	NA	0.00	0.00	NA	NA	35.24379	-78.68566
NC AP-2 329	120.6	55a01046	Sampson County	04030006	Temp ROW	Wetland	NA	23	NA	NA	NA	NA	Open Cur-Wetland	NA	0.00	0.00	NA	NA	35.23948	-78.69290
NC AP-2 330	121.1	55a01085	Sampson County	04030006	Temp ROW	Wetland	NA	5	NA	NA	NA	NA	Open Cur-Wetland	NA	0.00	0.00	NA	NA	35.23883	-78.69454
	121.8	55a01064	Sampson County	04030006	Temp ROW	Wetland	NA	3773	NA	NA	NA	NA	Open Cur-Wetland	NA	2.49	0.00	NA	NA	35.22986	-78.61171
	121.9	55a01042	Sampson County	04030006	Temp ROW	UNT to Swamps	Intermittent	8	NA	111	NA	NA	Dam and Pump	I	NA	NA	F	NA	35.23178	-78.60536
	122.2	55a01006	Sampson County	04030006	Temp ROW	Starfish Swamp	Perennial	25	NA	189	NA	NA	Pond	NA	NA	NA	NA	NA	35.23146	-78.60634
	122.3	55a01005	Sampson County	04030006	Temp ROW	Starfish Swamp	Perennial	118	NA	388	NA	NA	Dam and Pump	I	NA	NA	C, SW	NA	35.23031	-78.61036
	122.5	55a01011	Sampson County	04030006	Temp ROW	UNT to Pond	Open Water	NA	NA	NA	NA	0.00	Not Crossed by Concrete	NA	NA	NA	NA	NA	35.22639	-78.61426
	122.7	55a01018	Cumberland County	04030006	Temp ROW	Minor Swamp/Black River	NA	10919	13	NA	NA	NA	Open Cur-Wetland	NA	2.30	0.00	NA	NA	35.22058	-78.63328
	123.0	55a01015	Cumberland County	04030006	Temp ROW	Wetland	NA	NA	963	NA	NA	NA	Perm AR - Wetland Loss	NA	0.00	0.34	NA	NA	35.22519	-78.62451
NC AP-2 331	123.1	55a01016	Cumberland County	04030006	Temp ROW	UNT to Mingo	Perennial	NA	8	31	31	0.00	Perm AR - Add Culvert Crossing	NA	NA	NA	C	NA	35.22561	-78.62549

APPENDIX C-1 REVISED 11/3/2017

Wetland and Waterbody Crossings for the Atlantic Coast Pipeline within the U.S. Army Corps of Engineers - Wilmington District

Single Crossing ID	MP	Feature ID	County	HUC 8	Project Facility Crossing	Waterbody Name	Waterbody Regime	Pipeline Crossing (feet)	Waterbody Access Road Crossing (feet)	Temporary Affected Bank Length (feet)	Permanent Affected Bank Length (feet)	Construction Method	Waterbody Restoration Type	Crowding Class	Wetland Temporary Impact (acres)	Wetland Conversion (acres)	Wetland Loss (acres)	State Reg. Class	Time of Year Restrictions	Latitude	Longitude
NC AP-2 332	125.1	wcm0014	Cumberland County	03030006	Perm AR Perm ROW	Wetland	NA	NA	86	NA	NA	Perm AR - Wetland Loss	N/A	DEM	0.60	0.00	0.03	NA	NA	35.22491	-78.62562
NC AP-2 332	125.7	wcm0011	Cumberland County	03030006	Temp ROW	Black River	NA	437	NA	NA	NA	Open Cut - Wetland	N/A	PEF3	0.72	0.30	0.00	NA	NA	35.21436	-78.65015
NC AP-2 332	125.5	wcm0001	Sampson County	03030006	Perm AR	UNT to Mingo Swamp	Intermittent	NA	NA	30	NA	Perm AR	N/A	NA	NA	NA	NA	C	NA	35.22112	-78.60950
NC AP-2 333	125.6	wcm0001	Cumberland County	03030006	Perm AR	UNT to Mingo Swamp	Perennial	NA	18	36	36	Perm AR - Add Culvert Crossing	N/A	NA	NA	NA	NA	C	NA	35.22762	-78.62629
NC AP-2 333	125.1	wcm0014	Cumberland County	03030006	Perm AR	UNT to Mingo Swamp	Perennial	NA	NA	51	NA	Perm AR	N/A	NA	NA	NA	NA	C	NA	35.22908	-78.62765
NC AP-2 334	125.1	wcm0044	Cumberland County	03030006	Temp ROW	UNT to Black River	Intermittent	7	NA	153	NA	Dam and Pump	I	NA	NA	NA	NA	C	NA	35.21445	-78.65576
NC AP-2 335	125.4	wcm0066	Cumberland County	03030006	Temp ROW	Wetland	NA	288	NA	NA	NA	Open Cut - Wetland	N/A	PSX	0.54	0.07	0.00	NA	NA	35.21478	-78.66133
NC AP-2 336	125.6	wcm0001	Cumberland County	03030006	Temp ROW	Wetland	NA	215	NA	NA	NA	Open Cut - Wetland	N/A	PEF0	0.28	0.15	0.00	NA	NA	35.21500	-78.66415
NC AP-2 337	125.8	wcm0071	Cumberland County	03030006	Temp ROW	UNT to South River	Intermittent	8	NA	100	NA	Dam and Pump or Flume	I	NA	NA	NA	NA	C	NA	35.21153	-78.66556
NC AP-2 338	126.0	wcm0066	Cumberland County	03030004	Temp ROW	Wetland	NA	452	NA	18	NA	Not Crossed by Centerline	N/A	NA	NA	NA	NA	C	NA	35.21136	-78.66664
NC AP-2 339	126.3	wcm0071	Cumberland County	03030004	Temp ROW	Wetland	NA	105	NA	NA	NA	Open Cut - Wetland	N/A	PEF0	0.74	0.28	0.00	NA	NA	35.20900	-78.66849
NC AP-2 340	126.7	wcm0068	Cumberland County	03030004	Temp ROW	UNT to Cape Fear River	Intermittent	4	4	133	30	House or Dam and Pump and Perm AR - Add Culvert Crossing	I	NA	NA	NA	NA	C	NA	35.20268	-78.67690
NC AP-2 341	126.8	wcm0099	Cumberland County	03030004	Temp ROW	UNT to Cape Fear River	Perennial	19	8	150	31	Open Cut - Wetland and Perm AR - Add Culvert Crossing	I	NA	NA	NA	NA	C	NA	35.20070	-78.67787

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Wetland and Waterbody Crossings for the Atlantic Coast Pipeline within the U.S. Army Corps of Engineers - Wilmington District

Single Complete Crossing ID	MP	Feature ID	County	HUC 8	Project Facility Crossed	Waterbody Name	Waterbody Regime	Pipeline Centerline Crossing (feet)	Waterbody Access Road Crossing (feet)	Temporary Affected Bank Length (feet)	Permanent Affected Bank Access Road (feet)	Permanent Waterbody Impact (ARSI)	Construction Method	Waterbody Rehabilitation Type	Cowardin Class	Wetland Temporal Impact (acres)	Wetland Conversion (acres)	Wetland Loss (acres)	State Reg. Class	Time of Year Restrictions	Latitude	Longitude
341	126.8	wcm0000F	Cumberland County	03030004	Perm AR ROW	Wetland	NA	NA	NA	NA	NA	NA	Not Crossed by Centerline	N/A	PFO	0.60	0.00	0.00	NA	NA	35.20286	-78.67543
342	127.2	wcm0010F	Cumberland County	03030004	Temp ROW	Wetland	NA	214	NA	NA	NA	NA	Open Cur-Wetland	N/A	PFO	0.38	0.15	0.00	NA	NA	35.19518	-78.68531
343	127.3	wcm0110	Cumberland County	03030004	Temp ROW	UNT to Cape Fear River	Perennial	25	NA	135	NA	NA	Dam and Pump	I	NA	NA	NA	NA	C	NA	35.19518	-78.69225
344	127.8	wcm0111F	Cumberland County	03030004	Temp ROW	Wetland	NA	110	NA	NA	NA	NA	Open Cur-Wetland	N/A	PFO	0.26	0.08	0.00	NA	NA	35.19235	-78.68787
345	128.4	wcm0113F	Cumberland County	03030004	Temp ROW	Wetland	NA	34	NA	NA	NA	NA	Open Cur-Wetland	N/A	PFO	0.06	0.02	0.00	NA	NA	35.19414	-78.69492
346	128.8	wcm0116F	Cumberland County	03030004	Temp ROW	Wetland	NA	225	NA	NA	NA	NA	Open Cur-Wetland	N/A	PFO	0.43	0.16	0.00	NA	NA	35.19150	-78.70280
347	129.0	wcm0117F	Cumberland County	03030004	Temp ROW	Wetland	NA	197	NA	NA	NA	NA	Open Cur-Wetland	N/A	PFO	0.35	0.14	0.00	NA	NA	35.18806	-78.70462
348	129.0	wcm0222	Cumberland County	03030004	Temp ROW	UNT to Cape Fear River	Intermittent	3	NA	88	NA	NA	Dam and Pump on Flume	I	NA	NA	NA	NA	C	NA	35.18791	-78.70469
349	129.2	wcm0241	Cumberland County	03030004	Perm AR ROW	UNT to Cape Fear River	Perennial	NA	4	17	NA	0.00	Perm AR	N/A	NA	NA	NA	C	NA	35.18966	-78.71181	
350	129.4	wcm0277	Cumberland County	03030004	Temp ROW	Wetland	NA	40	NA	NA	NA	NA	Open Cur-Wetland	N/A	PFO	0.10	0.03	0.00	NA	NA	35.18324	-78.70997
351	129.4	wcm0281	Cumberland County	03030004	Temp ROW	UNT to Cape Fear River	Perennial	8	NA	91	NA	NA	Dam and Pump on Flume	I	NA	NA	NA	C	NA	35.18310	-78.71004	
352	129.5	wcm0282F	Cumberland County	03030004	Temp ROW	Wetland	NA	70	NA	NA	NA	NA	Open Cur-Wetland	N/A	PFO	0.00	0.04	0.00	NA	NA	35.18217	-78.71137
353	129.6	wcm0283F	Cumberland County	03030004	Temp ROW	Wetland	NA	173	NA	NA	NA	NA	Open Cur-Wetland	N/A	PFO	0.54	0.13	0.00	NA	NA	35.18212	-78.71206
354	129.6	wcm0283F	Cumberland County	03030004	Temp ROW	Wetland	NA	257	NA	NA	NA	NA	Open Cur-Wetland	N/A	PSS	0.46	0.06	0.00	NA	NA	35.18184	-78.71221

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Wetland and Waterbody Crossings for the Atlantic Coast Pipeline within the U.S. Army Corps of Engineers - Wilmington District

Single Crossing ID#	MP	Feature ID#	County	HUC #	Project Facility	Waterbody Name	Waterbody Regime	Pipeline Crossing (feet)	Waterbody Access Road Crossing (feet)	Temporary Affected Bank Length (feet)	Permanent Waterbody Access Road Length (feet)	Construction Method	Waterbody Restoration Type	Cowardin Class	Wetland Temporary Impact (acres)	Wetland Conversion (acres)	Wetland Loss (acres)	State Reg. Class	Time of Year Restrictions	Latitude	Longitude
	129.6	scmb0002	Cumberland County	03030004	Temp ROW	UNT to Cape Fear River	Perennial	NA	NA	20	NA	Not Crossed by Centreline	N/A	NA	NA	NA	NA	C	NA	35.18257	-78.71224
	129.7	scmb0003	Cumberland County	03030004	Temp ROW	UNT to Cape Fear River	Ephemeral	4	NA	148	NA	Flume or Dam and Pump	I	NA	NA	NA	NA	C	NA	35.18179	-78.71354
	130.1	scmb0004	Cumberland County	03030004	Temp ROW	UNT to Cape Fear River	Intermittent	3	NA	102	NA	Dam and Pump	J	NA	NA	NA	NA	C	NA	35.17812	-78.71956
NC AP-2 351	130.1	scmb0007	Cumberland County	03030004	Temp ROW	Wetland	NA	NA	NA	NA	NA	Not Crossed by Centreline	N/A	PFO	0.01	0.00	0.00	NA	NA	35.17627	-78.71999
NC AP-2 352	130.4	scmb0005	Cumberland County	03030004	Temp ROW	Wetland	NA	NA	NA	NA	NA	Not Crossed by Centreline	N/A	PFO	0.14	0.00	0.00	NA	NA	35.17584	-78.72625
NC AP-2 353	130.6	scmb0004	Cumberland County	03030004	Temp ROW	Wetland	NA	259	NA	NA	NA	Open Cur-Wetland	N/A	PFO	0.43	0.18	0.00	NA	NA	35.17470	-78.72226
NC AP-2 354	131.1	scmb0021	Cumberland County	03030004	Temp ROW	UNT to Cape Fear River	Intermittent	NA	4	31	NA	Perm AR	N/A	NA	NA	NA	NA	C	NA	35.16931	-78.73211
NC AP-2 355	131.5	scmb0005	Cumberland County	03030004	Temp ROW	UNT to Cape Fear River	Perennial	6	NA	140	NA	Dam and Pump or Flume	I	NA	NA	NA	NA	C	NA	35.17170	-78.74134
NC AP-2 356	131.6	scmb002	Cumberland County	03030004	Temp ROW	UNT to Cape Fear River	Ephemeral	NA	NA	29	NA	Not Crossed by Centreline	N/A	NA	NA	NA	NA	C	NA	35.17187	-78.74275
NC AP-2 357	131.7	scmb0003	Cumberland County	03030004	Temp ROW	UNT to Cape Fear River	Intermittent	3	NA	127	NA	Dam and Pump or Flume	I	NA	NA	NA	NA	C	NA	35.17043	-78.74473
NC AP-2 358	131.7	scmb0004	Cumberland County	03030004	Temp ROW	UNT to Cape Fear River	Intermittent	5	NA	130	NA	Dam and Pump or Flume	I	NA	NA	NA	NA	C	NA	35.17012	-78.74516
NC AP-2 359	131.8	scmb0013	Cumberland County	03030004	Temp ROW	Wetland	NA	1976	NA	NA	NA	Open Cur-Wetland	N/A	NA	NA	NA	NA	C	NA	35.17047	-78.74574
NC AP-2 360	132.3	scmb0022	Cumberland County	03030004	Temp ROW	Wetland	NA	126	NA	NA	NA	Open Cur-Wetland	N/A	PFO	3.41	1.36	0.00	NA	NA	35.16726	-78.74140
NC AP-2 361	132.7	scmb0001	Cumberland County	03030004	Temp ROW	UNT to Cape Fear River	Intermittent	9	NA	126	NA	Dam and Pump or Flume	I	NA	NA	NA	NA	C	NA	35.16316	-78.75107
NC AP-2 362	132.8	scmb0017	Cumberland County	03030004	Temp ROW	UNT to Cape Fear River	Perennial	28	NA	31	NA	Dam and Pump or Flume	I	NA	NA	NA	NA	C	NA	35.16658	-78.75582
NC AP-2 363	133.1	scmb0009	Cumberland County	03030004	Temp ROW	Wetland	NA	590	NA	NA	NA	Open Cur-Wetland	N/A	PFO	1.02	0.41	0.00	NA	NA	35.15549	-78.75972

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Wetland and Waterbody Crossings for the Atlantic Coast Pipeline within the  
U.S. Army Corps of Engineers - Wilmington District

Single Crossing ID#	MP	Feature ID#	County	HUC#	Project Facility Crossed	Waterbody Name	Waterbody Regime	Pipeline Crossing (feet)	Waterbody Access Road Crossing (feet)	Temporary Affected Bank Length (feet)	Permanently Affected Bank Length (feet)	Permanent Waterbody Impact (Acres)	Construction Method	Waterbody Reclamation Type	Wetland Compensation (Acres)	Wetland Loss (Acres)	State Reg. Class	Time of Year Restrictions	Latitude	Longitude
NC AP-2 364	133.2	scmp037	Cumberland County	03030004	Permit ROW	UNT to Cape Fear River	Perennial	39	NA	258	NA	NA	Major Workspace	N/A	NA	NA	C	NA	35.15316	-78.75571
NC AP-2 365	133.4	scmp039	Cumberland County	03030004	Permit ROW	UNT to Cape Fear River	Intermittent	1	NA	114	NA	NA	Dam and Pump or Flume	I	NA	NA	C	NA	35.15158	-78.74628
NC AP-2 366	133.8	scmp042	Cumberland County	03030004	Permit ROW	UNT to Cape Fear River	Intermittent	11	NA	169	NA	NA	Dam and Pump or Flume	I	NA	NA	C	NA	35.14634	-78.75446
NC AP-2 367	133.9	scmp041	Cumberland County	03030004	Permit ROW	UNT to Cape Fear River	Intermittent	3	NA	128	NA	NA	Dam and Pump or Flume	I	NA	NA	C	NA	35.14580	-78.75586
NC AP-2 368	133.9	scmp036	Cumberland County	03030004	Permit ROW	Wetland	NA	91	NA	NA	NA	NA	Open Cut- Wetland	N/A	0.00	0.00	NA	NA	35.14502	-78.75580
NC AP-2 369	134.2	scmp040	Cumberland County	03030004	Permit ROW	UNT to Cape Fear River	Perennial	13	NA	147	NA	NA	Dam and Pump or Flume	I	NA	NA	C	NA	35.14190	-78.75018
NC AP-2 370	134.3	DKWQ NC C-008	Cumberland County	03030004	Temp Allow ROW	Wetland	NA	433	NA	NA	NA	NA	Open Cut- Wetland	N/A	0.00	0.00	NA	NA	35.14100	-78.74763
NC AP-2 371	135.0	scmp100	Cumberland County	03030004	Permit ROW	UNT to Gain Log Canal	Intermittent	7	NA	128	NA	NA	Dam and Pump or Flume	I	NA	NA	C	NA	35.13580	-78.72874
NC AP-2 372	135.5	DKSQ NC 002	Cumberland County	03030004	Permit ROW	UNT to Bakers Swamp	Perennial	10	NA	77	NA	NA	Flume or Dam and Pump	I	NA	NA	C	NA	35.12702	-78.72871
NC AP-2 373	136.1	DKSQ NC 003	Cumberland County	03030006	Permit ROW	UNT Big Creek	Intermittent	NA	9	545	545	0.00	Not Crossed by Certificate and Form AR - Add Culvert Crossing	N/A	NA	NA	C	NA	35.12081	-78.72355
NC AP-2 374	136.2	DKSQ NC 007	Cumberland County	03030006	Permit ROW	UNT Big Creek	Intermittent	5	NA	139	NA	NA	Dam and Pump or Flume	I	NA	NA	C	NA	35.11995	-78.72867
NC AP-2 375	136.4	DKSQ NC 006	Cumberland County	03030006	Permit ROW	UNT Big Creek	Intermittent	NA	NA	425	NA	0.00	Not Crossed by Certificate	N/A	NA	NA	C	NA	35.11710	-78.72702
NC AP-2 376	136.5	DKSQ NC 005	Cumberland County	03030006	Permit ROW	UNT Big Creek	Perennial	14	NA	183	NA	0.00	Dam and Pump or Flume	I	NA	NA	C	NA	35.11526	-78.72876

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Wetland and Waterbody Crossings for the Atlantic Coast Pipeline within the U.S. Army Corps of Engineers - Wilmington District

Single Corridor ID#	MP	Feature ID#	County	HUC #	Project Facility	Waterbody Name	Waterbody Regime	Pipeline Crossing (feet)	Waterbody Access Road Centerline Crossing (feet)	Temporary Affected Bank Length (feet)	Permanent Affected Bank Length (feet)	Construction Method	Waterbody Restoration Type	Waterbody Crossing Class.	Wetland Temporary Impact (acres)	Wetland Conversion (acres)	Wetland Loss (acres)	State Reg. Class.	Time of Year Restrictions	Latitude	Longitude	
NC AP-2 377	136.7	wcm0016	Cumberland County	03050006	Perm ROW, Temp ROW, Perm AR, Temp ROW	Wetland	NA	206	NA	NA	NA	Open Cur. Wetland	N/A	PEM	0.38	0.00	0.00	NA	NA	35.10926	-78.72925	
	136.7	wcm0017	Cumberland County	03050006	Temp ROW	Wetland	NA	2219	NA	NA	NA	Open Cur. Wetland	N/A	PEF	3.96	1.54	0.00	NA	NA	35.10906	-78.72882	
	136.9	wcm0018	Cumberland County	03050006	Temp ROW	UNI to Bakers Swamp	Perennial	7	NA	78	NA	Flume or Dam and Pump	I	NA	NA	NA	NA	NA	C	NA	35.11006	-78.72907
	137.0	wcm0019	Cumberland County	03050006	Temp ROW	UNI to Bakers Swamp	Perennial	7	NA	76	NA	Flume or Dam and Pump	I	NA	NA	NA	NA	NA	C	NA	35.10760	-78.72910
NC AP-2 378	137.1	wcm0020	Cumberland County	03050006	Temp ROW	UNI to Bakers Swamp	Perennial	8	NA	156	NA	Flume or Dam and Pump	I	NA	NA	NA	NA	NA	C	NA	35.10983	-78.72844
	137.1	wcm0021	Cumberland County	03050006	Temp ROW	UNI to Big Creek	Intermittent	8	NA	136	NA	Dam and Pump or Flume	I	NA	NA	NA	NA	NA	C	NA	35.10578	-78.72850
	137.5	wcm0022	Cumberland County	03050006	Temp ROW	Wetland	NA	215	NA	NA	NA	Open Cur. Wetland	N/A	PEM	0.56	0.00	0.00	NA	NA	35.00750	-78.73053	
NC AP-2 379	137.5	wcm0023	Cumberland County	03050006	Temp ROW	Wetland	NA	1731	NA	NA	NA	Open Cur. Wetland	N/A	PEF	3.77	1.08	0.00	NA	NA	35.09764	-78.73015	
	138.0	wcm0024	Cumberland County	03050006	Temp ROW	Wetland	NA	127	NA	NA	NA	Open Cur. Wetland	N/A	PEM	0.99	0.00	0.00	NA	NA	35.09693	-78.73174	
NC AP-2 380	138.0	wcm0025	Cumberland County	03050006	Temp ROW	Wetland	NA	2210	NA	NA	NA	Open Cur. Wetland	N/A	PEF	3.01	1.22	0.00	NA	NA	35.09524	-78.73444	
	138.7	wcm0026	Cumberland County	03050006	Temp ROW	Wetland	NA	329	NA	NA	NA	Open Cur. Wetland	N/A	PEF	0.48	0.19	0.00	NA	NA	35.08125	-78.73343	
NC AP-2 381	138.7	wcm0027	Cumberland County	03050006	Temp ROW	Wetland	NA	NA	NA	NA	NA	Not Crossed by Centerline	N/A	PEM	0.10	0.00	0.00	NA	NA	35.08119	-78.73302	
NC AP-2 382	139.0	wcm0028	Cumberland County	03050006	Temp ROW	Little Creek	NA	3887	NA	NA	NA	Open Cur. Wetland	N/A	PEF	6.47	2.62	0.00	NA	NA	35.07542	-78.73449	
NC AP-2 383	139.3	wcm0029	Cumberland County	03050006	Temp ROW	Little Creek	NA	NA	NA	NA	NA	Not Crossed by Centerline	N/A	PEM	0.28	0.00	0.00	NA	NA	35.07315	-78.73377	
	139.8	wcm0030	Cumberland County	03050006	Temp ROW	Wetland	NA	64	NA	NA	NA	Open Cur. Wetland	N/A	PEM	0.23	0.00	0.00	NA	NA	35.06573	-78.73482	



APPENDIX C.1 REVISED 11.3.2017

Wetland and Waterbody Crossings for the Atlantic Coast Pipeline within the U.S. Army Corps of Engineers – Wilmington District

Single Complex Crossing ID	AP	Feature ID	County	HUC 8	Project Facility Crossed	Waterbody Name	Waterbody Regime	Waterbody Crossing (feet)	Pipeline Crossing (feet)	Waterbody Access Road Crossing (feet)	Temporary Affect Book Length (feet)	Proposed Aligned Book Length Access Road (feet)	Permanent Impact (acre)	Construction Method	Waterbody Restoration Type	Conservation Class.	Wetland Temporary Impact (acres)	Wetland Conversion (acres)	Wetland Loss (acres)	State Reg. Class.	Time of Year Restrictions	Latitude	Longitude
			Cumberland County	03030006	Perm ROW, Temp ROW	Wetland	NA	786	786	NA	NA	NA	NA	Open Cut-Wetland	N/A	PFO	1.28	0.54	0.00	NA	NA	35.00280	-78.73556
NC AP 2 354	140.2	wcm0034c	Cumberland County	03030006	Temp ROW	Wetland	NA	23	23	NA	NA	NA	NA	Open Cut-Wetland	N/A	PEM	0.14	0.00	0.00	NA	NA	35.00005	-78.73529
			Cumberland County	03030006	Perm ROW, Temp ROW	Wetland	NA	161	161	NA	NA	NA	NA	Open Cut-Wetland	N/A	PEM	0.76	0.00	0.00	NA	NA	35.00481	-78.73509
NC AP 2 355	140.4	wcm00311	Cumberland County	03030006	Temp ROW	Wetland	NA	1324	1324	NA	NA	NA	NA	Open Cut-Wetland	N/A	PFO	2.18	0.91	0.00	NA	NA	35.00431	-78.72658
NC AP 2 356	140.7	wcm0035c	Cumberland County	03030006	Temp ROW	Wetland	NA	106	106	NA	NA	NA	NA	Open Cut-Wetland	N/A	PEM	0.43	0.00	0.00	NA	NA	35.00481	-78.73697
			Cumberland County	03030006	Perm ROW, Temp ROW	Wetland	NA	1818	1818	NA	NA	NA	NA	Open Cut-Wetland	N/A	PFO	2.93	1.25	0.00	NA	NA	35.00441	-78.73582
			Cumberland County	03030006	Perm ROW, Temp ROW	Wetland	NA	1901	1901	NA	NA	NA	NA	Open Cut-Wetland	N/A	PFO	3.32	1.31	0.00	NA	NA	35.00447	-78.73701
NC AP 2 356	141.0	wcm00352	Cumberland County	03030006	Temp ROW	Wetland	NA	1609	1609	NA	NA	NA	NA	Open Cut-Wetland	N/A	PFO	2.60	1.11	0.00	NA	NA	35.00485	-78.73664
NC AP 2 357	140.7	DKWQ N C 010	Cumberland County	03030006	Perm GB, Temp GB	Wetland	NA	NA	NA	NA	NA	NA	NA	Not Crossed by Centerline	N/A	PEM	0.08	0.00	0.00	NA	NA	35.00512	-78.73506
NC AP 2 358	141.6	wcm0020	Cumberland County	03030004	Temp CDP	Unmanned Pond	Open Water	NA	NA	NA	NA	NA	NA	Contractor Yard Paved for Access	N/A	NA	NA	NA	NA	NA	NA	35.00431	-78.72551
NC AP 2 359	141.7	wcm0051c	Cumberland County	03030004	Temp CDP	Wetland	NA	NA	NA	NA	NA	NA	NA	Not Crossed by Centerline	N/A	PEM	0.00	0.00	0.00	NA	NA	35.00447	-78.82196
			Cumberland County	03030006	Perm ROW, Temp ROW	Wetland	NA	1582	1582	NA	NA	NA	NA	Open Cut-Wetland	N/A	PFO	2.65	1.08	0.00	NA	NA	35.00583	-78.73775
NC AP 2 360	141.8	wcm0053	Cumberland County	03030006	Temp ROW	UNT to Back Creek	Intermittent	5	5	NA	86	NA	NA	Ditch and Pump out Flume	1	NA	NA	NA	NA	C	NA	35.00394	-78.73777
			Cumberland County	03030006	Perm ROW	Wetland	NA	NA	NA	NA	NA	NA	NA	Not Crossed by Centerline	N/A	PEM	0.04	0.00	0.00	NA	NA	35.00319	-78.73835
NC AP 2 361	142.0	wcm0036	Cumberland County	03030006	Temp ROW	UNT to Back Creek	Ephermal	4	4	NA	356	NA	NA	Ditch and Pump out Flume	1	NA	NA	NA	NA	C	NA	35.00071	-78.73814

APPENDIX C-1 REVISED 11/3/2017

Wetland and Waterbody Crossings for the Atlantic Coast Pipeline within the  
U.S. Army Corps of Engineers - Wilmington District

Single Complete Crossing ID	MP	Feature ID	County	HUC 8	Project Facility Crossed	Waterbody Name	Waterbody Regime	Pipeline Centerline Crossing (feet)	Waterbody Access Road Crossing Workplace (feet)	Temporary Affected Bank Length Workplace (feet)	Permanent Affected Bank Length Access Road (feet)	Construction Method	Waterbody Restoration Type	Coarodin Class	Wetland Temporary Impact (acres)	Wetland Conservation (acres)	Wetland Loss (acres)	State Reg. Class	Time of Year Restrictions	Latitude	Longitude
NC AP-2 391	142.2	wcm0277	Cumberland County	03030006	Perm ROW	Wetland	NA	182	NA	NA	NA	Open Cut Wetland	N/A	PEO	0.21	0.00	0.00	NA	NA	35.02585	-78.71816
NC AP-2 392	142.4	wcm0287	Cumberland County	03030006	Temp ROW	Wetland	NA	41	NA	NA	NA	Open Cut Wetland	N/A	PEO	0.20	0.00	0.00	NA	NA	35.02471	-78.71881
NC AP-2 394	142.4	wcm0288	Cumberland County	03030006	Temp ROW	Wetland	NA	148	NA	NA	NA	Open Cut Wetland	N/A	PEM	0.13	0.00	0.00	NA	NA	35.02520	-78.71927
NC AP-2 395	142.7	wcm0311	Cumberland County	03030006	Temp ROW	UNT to Sandy Creek	Ephemeral	5	NA	102	NA	Dam and Pump or Flume	I	NA	NA	NA	NA	C	NA	35.02153	-78.71926
NC AP-2 396	142.8	wcm0332	Cumberland County	03030006	Temp ROW	UNT to Sandy Creek	Ephemeral	2	NA	76	NA	Dam and Pump or Flume	I	NA	NA	NA	NA	C	NA	35.02009	-78.71988
NC AP-2 397	142.8	wcm0333	Cumberland County	03030006	Temp ROW	UNT to Sandy Creek	Ephemeral	NA	NA	2	NA	Not Crossed by Centerline	N/A	NA	NA	NA	NA	C	NA	35.01886	-78.71999
NC AP-2 398	142.9	wcm0334	Cumberland County	03030006	Temp ROW	UNT to Sandy Creek	Ephemeral	3	NA	99	NA	Dam and Pump or Flume	I	NA	NA	NA	NA	C	NA	35.01764	-78.71985
NC AP-2 399	142.9	wcm0335	Cumberland County	03030006	Temp ROW	Wetland	NA	763	NA	NA	NA	Open Cut Wetland	N/A	PEO	1.45	0.00	0.00	NA	NA	35.01620	-78.71971
NC AP-2 400	143.0	wcm0336	Cumberland County	03030006	Temp ROW	Wetland	NA	NA	NA	NA	NA	Not Crossed by Centerline	N/A	PEM	0.11	0.00	0.00	NA	NA	35.01665	-78.71928
NC AP-2 401	143.2	wcm0315	Cumberland County	03030006	Temp ROW	Sandy Creek	Perennial	10	NA	201	NA	Dam and Pump or Flume	I	NA	NA	NA	NA	C	NA	35.01383	-78.71908
NC AP-2 402	143.3	wcm0337	Cumberland County	03030006	Temp ROW	UNT to Sandy Creek	Intermittent	7	NA	186	NA	Dam and Pump or Flume	I	NA	NA	NA	NA	C	NA	35.01190	-78.71847
NC AP-2 403	143.3	wcm0338	Cumberland County	03030006	Temp ROW	Wetland	NA	NA	NA	NA	NA	Not Crossed by Centerline	N/A	PEM	0.01	0.00	0.00	NA	NA	35.01150	-78.71992
NC AP-2 404	143.4	wcm0339	Cumberland County	03030006	Temp ROW	UNT to Sandy Creek	Intermittent	6	NA	146	NA	Dam and Pump or Flume	I	NA	NA	NA	NA	C	NA	35.01020	-78.71975
NC AP-2 405	143.5	wcm0340	Cumberland County	03030006	Temp ROW	Wetland	NA	NA	NA	NA	NA	Not Crossed by Centerline	N/A	PEM	0.02	0.00	0.00	NA	NA	35.00853	-78.71225
NC AP-2 406	143.6	wcm0341	Cumberland County	03030006	Temp ROW	Wetland	NA	473	NA	NA	NA	Open Cut Wetland	N/A	PEO	0.78	0.00	0.00	NA	NA	35.00902	-78.71102
NC AP-2 407	143.7	wcm0342	Cumberland County	03030006	Temp ROW	Wetland	NA	NA	NA	NA	NA	Not Crossed by Centerline	N/A	PEM	0.00	0.00	0.00	NA	NA	35.00113	-78.71158

APPENDIX C-1 REVISED 11/5/2017

Wetland and Waterbody Crossings for the Atlantic Coast Pipeline within the U.S. Army Corps of Engineers - Wilmington District

Single Crossing ID	MP	Feature ID	County	HUC 8	Project Facility	Waterbody Name	Waterbody Regime	Pipeline Crossing (feet)	Waterbody Access Road Crossing (feet)	Temporary Affected Bank Length (feet)	Permanent Waterbody Impact (acres)	Construction Method	Waterbody Restoration Type	Cowardin Class.	Wetland Impact (acres)	Wetland Conversion (acres)	Wetland Loss (acres)	State Reg. Class.	Time of Year Restrictions	Latitude	Longitude
NC AP-2 401	145.8	wcm0046	Cumberland County	04030006	Temp ROW	Wetland	NA	634	NA	NA	NA	Open Cut-Wetland	NA	PEF	0.95	0.43	0.00	NA	NA	34.90320	-78.74122
NC AP-2 403	145.9	wcm0046	Cumberland County	04030006	Temp ROW	Wetland	NA	NA	NA	NA	NA	Not Crossed by Centeline	NA	PEM	0.07	0.00	0.00	NA	NA	34.90312	-78.74103
NC AP-2 404	146.0	wcm0046	Cumberland County	04030006	Temp ROW	Wetland	NA	2276	NA	NA	NA	Open Cut-Wetland	NA	PEF	5.03	1.57	0.00	NA	NA	34.90269	-78.74107
NC AP-2 405	146.2	wcm0046	Cumberland County	04030006	Temp ROW	Wetland	NA	NA	NA	NA	NA	Not Crossed by Centeline	NA	PEM	0.02	0.00	0.00	NA	NA	34.90270	-78.74152
NC AP-2 406	146.5	wcm0046	Cumberland County	04030005	Temp ROW	UNT to Cedar Creek	Intermittent	NA	NA	145	NA	Not Crossed by Centeline	NA	NA	NA	NA	NA	C	NA	34.90862	-78.74112
NC AP-2 407	146.6	wcm0046	Cumberland County	04030005	Temp ROW	Wetland	NA	5161	NA	NA	NA	Open Cut-Wetland	NA	PEF	8.60	3.54	0.00	NA	NA	34.90741	-78.74063
NC AP-2 408	146.5	wcm0046	Cumberland County	04030005	Temp ROW	Wetland	NA	NA	NA	NA	NA	Not Crossed by Centeline	NA	PEM	0.31	0.00	0.00	NA	NA	34.90744	-78.74109
NC AP-2 409	146.2	wcm0046	Cumberland County	04030005	Temp ROW	Wetland	NA	54	NA	NA	NA	Open Cut-Wetland	NA	PEF	0.18	0.03	0.00	NA	NA	34.90307	-78.73817
NC AP-2 410	146.2	wcm0043	Cumberland County	04030005	Temp ROW	UNT to Cedar Creek	Perennial	6	NA	115	NA	Dam and Pump or Flume	I	NA	NA	NA	NA	C	NA	34.90621	-78.73818
NC AP-2 411	146.5	wcm0039	Cumberland County	04030005	Temp ROW	UNT to Cedar Creek	Intermittent	2	NA	127	NA	Dam and Pump or Flume	I	NA	NA	NA	NA	C	NA	34.90218	-78.73809
NC AP-2 412	146.6	wcm0038	Cumberland County	04030005	Temp ROW	UNT to Cedar Creek	Perennial	6	NA	111	NA	Dam and Pump or Flume	I	NA	NA	NA	NA	C	NA	34.90123	-78.73897
NC AP-2 413	146.7	wcm0029	Cumberland County	04030005	Temp ROW	UNT to Cedar Creek	Intermittent	4	NA	155	NA	Dam and Pump or Flume	I	NA	NA	NA	NA	C	NA	34.90315	-78.73804
NC AP-2 414	147.0	wcm0021	Cumberland County	04030005	Temp ROW	UNT to Cedar Creek	Ephemeral	17	NA	508	NA	Dam and Pump or Flume	I	NA	NA	NA	NA	C	NA	34.90564	-78.73838
NC AP-2 415	147.1	wcm0022	Cumberland County	04030005	Temp ROW	UNT to Cedar Creek	Ephemeral	2	NA	131	NA	Dam and Pump or Flume	I	NA	NA	NA	NA	C	NA	34.90320	-78.73814
NC AP-2 416	147.5	wcm0034	Cumberland County	04030005	Temp ROW	Wetland	NA	135	NA	NA	NA	Open Cut-Wetland	NA	PEF	0.64	0.26	0.00	NA	NA	34.90417	-78.73771
NC AP-2 417	147.8	wcm0036	Cumberland County	04030005	Temp ROW	Wetland	NA	1052	NA	NA	NA	Open Cut-Wetland	NA	PEF	1.82	0.73	0.00	NA	NA	34.90115	-78.73717

APPENDIX C-1 REVISED 11/3/2017

Wetland and Waterbody Crossings for the Atlantic Coast Pipeline within the U.S. Army Corps of Engineers - Wilmington District

Single Complex Crossing ID#	MP	Feature ID#	County	HUC #	Project Facility Crossed, ROW	Waterbody Name	Waterbody Region	Pipeline Crossing (feet)	Waterbody Access Road Crossing (feet)	Temporary Affect Bank Length (feet)	Permanent Affect Length Access Road (feet)	Construction Method	Waterbody Restoration Type	Cowardin Class.	Wetland Impact (acres)	Wetland Conversion (acres)	Wetland Loss (acres)	State Reg. Class	Firm of Year Restrictions	Latitude	Longitude
	147.9	wcm0029e	Cumberland County	03030005	Perm ROW	Wetland	NA	NA	NA	NA	NA	Not Crossed by Centerline	NA	PEM	0.02	0.00	0.00	NA	NA	34.04138	-78.71806
NC AP-2 416	148.3	wcm0031f	Cumberland County	03030005	Temp ROW	Wetland	NA	65	NA	NA	NA	Open Cut-Wetland	NA	PEFO	0.08	0.04	0.00	NA	NA	34.03512	-78.74380
NC AP-2 417	148.7	wcm0024f	Cumberland County	03030005	Temp ROW	Wetland	NA	4251	NA	NA	NA	Open Cut-Wetland	NA	PEFO	7.31	3.93	0.00	NA	NA	34.02402	-78.74410
NC AP-2 418	149.5	wcm0032f	Cumberland County	03030005	Temp ROW	Wetland	NA	702	NA	NA	NA	Open Cut-Wetland	NA	PEFO	1.20	0.48	0.00	NA	NA	34.01742	-78.75372
NC AP-2 419	150.1	wcm0045f	Cumberland County	03030005	Temp ROW	UNI to Big Alligator Swamp	Intermittent	4	NA	119	NA	Dam and Pump or Flume	I	NA	NA	NA	NA	C	NA	34.00783	-78.76053
NC AP-2 420	150.4	wcm0054f	Cumberland County	03030005	Temp ROW	UNI to Big Alligator Swamp	Intermittent	3	NA	185	NA	Dam and Pump or Flume	I	NA	NA	NA	NA	C	NA	34.00731	-78.76069
NC AP-2 421	150.4	wcm0052f	Cumberland County	03030005	Temp ROW	UNI to Big Alligator Swamp	Perennial	27	NA	103	NA	Dam and Pump or Flume	I	NA	NA	NA	NA	C	NA	34.00710	-78.76112
NC AP-2 422	150.8	wcm0057f	Cumberland County	03030005	Temp ROW	UNI to Big Alligator Swamp	Intermittent	8	NA	NA	NA	Dam and Pump or Flume	I	NA	NA	NA	NA	C	NA	34.00094	-78.76605
NC AP-2 423	151.1	wcm0056f	Cumberland County	03030005	Temp ROW	UNI to Big Alligator Swamp	Intermittent	10	NA	113	NA	Dam and Pump or Flume	I	NA	NA	NA	NA	C	NA	34.00716	-78.76786
NC AP-2 424	151.6	wcm0028f	Cumberland County	03030005	Temp ROW	UNI to Hair Canal	Perennial	5	NA	132	NA	Dam and Pump or Flume	I	NA	NA	NA	NA	C	NA	34.00736	-78.77130
NC AP-2 425	151.7	wcm0029f	Cumberland County	03030005	Temp ROW	Hair Canal	Perennial	31	NA	112	NA	Dam and Pump or Flume	I	NA	NA	NA	NA	C	NA	34.00690	-78.77465
NC AP-2 426	152.8	wcm0033f	Cumberland County	03030005	Temp ROW	UNI to Cape Fear River	Intermittent	NA	NA	143	NA	Not Crossed by Centerline	NA	NA	NA	NA	NA	C	NA	34.02842	-78.78893
NC AP-2 427	153.0	wcm0031f	Cumberland County	03030005	Temp ROW	Wetland	NA	660	NA	NA	NA	Open Cut-Wetland	NA	PEFO	1.06	0.45	0.00	NA	NA	34.02827	-78.79111
NC AP-2 428	153.0	wcm0031f	Cumberland County	03030005	Temp ROW	Wetland	NA	118	NA	NA	NA	Open Cut-Wetland	NA	PEFO	0.34	0.11	0.00	NA	NA	34.02762	-78.79444
NC AP-2 429	153.0	wcm0031f	Cumberland County	03030005	Temp ROW	Wetland	NA	NA	NA	NA	NA	Not Crossed by Centerline	NA	PEM	0.02	0.00	0.00	NA	NA	34.02811	-78.79395

APPENDIX C-1 REVISION 11-3-2017

Wetland and Waterbody Crossings for the Atlantic Coast Pipeline within the U.S. Army Corps of Engineers - Wilmington District

Single Complex Crossing ID	MP	Feature ID	County	HD/C's	Project Facility Crossed	Waterbody Name	Waterbody Regime	Pipeline Crossing (feet)	Waterbody Access Road Crossing (feet)	Temporary Allocated Bank Length (feet)	Permanent Allocated Bank Length (feet)	Construction Method	Waterbody Reclamation Type	Constrain Class	Wetland Temporary Impact (acres)	Wetland Conversion Impact (acres)	Wetland Loss (acres)	State Reg. Class	Time of Year Restrictions	Latitude	Longitude
	151.1	scmp022	Cumberland County	01050005	Temp ROW	UNT to Cape Fear River	Perennial	11	NA	97	NA	Dam and Pump or Flume	I	NA	NA	NA	NA	C	NA	34.87791	-78.79422
NC AP-2 428	151.2	scmp031	Cumberland County	01050005	Temp ROW	UNT to Cape Fear River	Intermittent	4	NA	110	NA	Dam and Pump or Flume	I	NA	NA	NA	NA	C	NA	34.87796	-78.79616
NC AP-2 429	151.3	scmp045	Cumberland County	01050005	Temp ROW	Wetland	NA	30	NA	NA	NA	Open Cut-Weir/Not Crossed by Centerline	NA	PSS	0.12	0.02	0.00	NA	NA	34.87889	-78.79608
NC AP-2 430	151.4	scmp045	Cumberland County	01050005	Temp ROW	Wetland	NA	NA	NA	NA	NA	Not Crossed by Centerline	NA	PSS	0.00	0.00	0.00	NA	NA	34.87796	-78.80102
NC AP-2 431	151.5	scmp048	Cumberland County	01050005	Temp ROW	UNT to Cape Fear River	Ephemeral	3	NA	153	NA	Dam and Pump or Flume	I	NA	NA	NA	NA	C	NA	34.87526	-78.80180
NC AP-2 432	151.8	scmp045	Cumberland County	01050005	Temp ROW	Wetland	NA	112	NA	NA	NA	Open Cut-Weir/Not Crossed by Centerline	NA	PFO	0.19	0.07	0.00	NA	NA	34.87938	-78.80211
NC AP-2 433	151.9	scmp042	Cumberland County	01050005	Temp ROW	Wetland	NA	176	NA	NA	NA	Dam and Pump or Flume	I	NA	NA	NA	NA	C	NA	34.87594	-78.80796
NC AP-2 434	151.6	scmp046	Cumberland County	01050005	Temp ROW	UNT to Cape Fear River	Perennial	7	NA	191	NA	Open Cut-Weir/Not Crossed by Centerline	NA	PFO	0.13	0.06	0.00	NA	NA	34.88056	-78.81154
NC AP-2 435	154.1	scmp042c	Cumberland County	01050005	Temp ROW	Wetland	NA	NA	NA	NA	NA	Dam and Pump or Flume	I	NA	NA	NA	NA	C	NA	34.88734	-78.81158
NC AP-2 436	154.1	scmp055c	Cumberland County	01050005	Temp ROW	Wetland	NA	NA	NA	NA	NA	Not Crossed by Centerline	NA	PJM	0.04	0.00	0.00	NA	NA	34.88723	-78.81163
NC AP-2 437	154.1	scmp047c	Cumberland County	01050005	Temp ROW	UNT to Cape Fear River	Perennial	48	NA	0	NA	Not Crossed by Centerline	NA	PFO	0.00	0.00	0.00	NA	NA	34.88788	-78.81452
NC AP-2 438	154.2	scmp026c	Cumberland County	01050005	Temp ROW	Cape Fear River	Perennial	326	NA	NA	NA	HDD	NA	NA	NA	NA	NA	C	February 14 to June 30	34.88744	-78.81583
NC AP-2 439	154.3	scmp027c	Cumberland County	01050005	Temp ROW	UNT to Cape Fear River	Intermittent	19	NA	0	NA	HDD	NA	NA	NA	NA	NA	C	NA	34.88699	-78.81707
NC AP-2 440	154.3	scmp022c	Cumberland County	01050005	Temp ROW	Wetland	NA	NA	NA	NA	NA	Not Crossed by Centerline	NA	PJM	0.00	0.00	0.00	NA	NA	34.88749	-78.81556

APPENDIX C-1 REVISED 11-15-2017

Wetland and Waterbody Crossings for the Atlantic Coast Pipeline within the U.S. Army Corps of Engineers - Wilmington District

Single Complete Crossing ID#	MP	Feature ID#	County	HUC #	Project Facility Crossing	Waterbody Name	Waterbody Regime	Pipeline Centerline Crossing (feet)	Waterbody Access Road Crossing (feet)	Temporary Affected Bank Length (feet)	Permanent Waterbody Access Road Length (feet)	Permanent Waterbody Impact (acres)	Construction Method	Waterbody Restoration Type	Wetland Crossings Class.	Wetland Temporary Impact (acres)	Wetland Conversion (acres)	Wetland Loss (acres)	State Reg. Class	Time of Year Restrictions	Latitude	Longitude
NC AP-2 417	154.4	wcms022f	Cumberland County	03030005	Temp ROW	Wetland	NA	85	NA	NA	NA	NA	Open Cur-Wetland	N/A	PFO	0.39	0.06	0.00	NA	NA	34.88078	-78.81860
NC AP-2 438	154.4	wcms023f	Cumberland County	03030005	Perm ROW	Wetland	NA	NA	NA	NA	NA	NA	Not Crossed by Centerline	N/A	PFO	0.09	0.00	0.00	NA	NA	34.88052	-78.81945
NC AP-2 439	154.6	wcms024	Cumberland County	03030005	Temp ROW	UNT to Cape Fear River	Perennial	12	10	164	30	0.01	Dam and Pump or Flume and Perm AP - Add Culvert Crossing	I	NA	NA	NA	NA	C	NA	34.87967	-78.82130
NC AP-2 440	154.6	wcms025	Cumberland County	03030005	Temp ROW	UNT to Cape Fear River	Intermittent	NA	NA	63	NA	NA	Not Crossed by Centerline	N/A	NA	NA	NA	NA	C	NA	34.89000	-78.82343
NC AP-2 441	154.7	wcms023	Cumberland County	03030005	Temp ROW	UNT to Cape Fear River	Intermittent	3	NA	111	NA	NA	Dam and Pump or Flume	I	NA	NA	NA	NA	C	NA	34.87918	-78.82889
NC AP-2 442	154.8	wcms021f	Cumberland County	03030005	Temp ROW	Wetland	NA	18	NA	NA	NA	NA	Open Cur-Wetland	N/A	PFO	0.03	0.01	0.00	NA	NA	34.87842	-78.82614
NC AP-2 443	154.9	wcms020e	Cumberland County	03030005	Perm ROW	Wetland	NA	NA	NA	NA	NA	NA	Not Crossed by Centerline	N/A	PEM	0.00	0.00	0.00	NA	NA	34.87963	-78.82748
NC AP-2 443	154.9	wcms020f	Cumberland County	03030005	Temp ROW	Wetland	NA	23	NA	NA	NA	NA	Open Cur-Wetland	N/A	PFO	0.03	0.02	0.00	NA	NA	34.87925	-78.82750
NC AP-2 443	155.1	wcms022f	Cumberland County	03030005	Temp ROW	Wetland	NA	242	NA	NA	NA	NA	Open Cur-Wetland	N/A	PFO	0.54	0.17	0.00	NA	NA	34.87729	-78.83282
NC AP-2 443	155.1	wcms026	Cumberland County	03030005	Perm ROW	UNT to Cape Fear River	Intermittent	11	NA	80	NA	NA	Dam and Pump or Flume	I	NA	NA	NA	NA	C	NA	34.87765	-78.83209
NC AP-2 443	155.1	wcms025	Cumberland County	03030005	Perm ROW	Wetland	NA	NA	NA	NA	NA	NA	Not Crossed by Centerline	N/A	PSS	0.03	0.00	0.00	NA	NA	34.87778	-78.83244
NC AP-2 444	155.2	wcms010e	Cumberland County	03030005	Temp ROW	UNT to Cape Fear River	Perennial	5	NA	103	NA	NA	Dam and Pump or Flume	I	NA	NA	NA	NA	C	NA	34.87742	-78.83438
NC AP-2 444	155.3	wcms031e	Cumberland County	03030005	Perm ROW	Wetland	NA	NA	NA	NA	NA	NA	Not Crossed by Centerline	N/A	PEM	0.00	0.00	0.00	NA	NA	34.87739	-78.83502
NC AP-2 444	155.3	wcms013e	Cumberland County	03030005	Temp ROW	Wetland	NA	628	NA	NA	NA	NA	Open Cur-Wetland	N/A	PFO	1.08	0.43	0.00	NA	NA	34.87608	-78.83484
NC AP-2 445	156.4	wcms025	Cumberland County	03030005	Temp ROW	Wetland	NA	28	NA	NA	NA	NA	Open Cur-Wetland	N/A	PSS	0.04	0.01	0.00	NA	NA	34.87396	-78.85521
NC AP-2 445	156.4	wcms015e	Cumberland County	03030005	Temp ROW	Wetland	NA	799	NA	NA	NA	NA	Open Cur-Wetland	N/A	PFO	1.69	0.47	0.00	NA	NA	34.87340	-78.85591

APPENDIX C.1 (REVISED) 11.3.2017

Wetland and Waterbody Crossings for the Atlantic Coast Pipeline within the  
U.S. Army Corps of Engineers - Wilmington District

Single Complete Crossing ID#	MP	Feature ID#	County	HUC #	Project Facility Crossed	Waterbody Name	Waterbody Regime	Pipeline Crossing Feet	Waterbody Access Road Crossing Feet	Temporary Affected Bank Length Workspace Feet	Permanent Affected Bank Length Road Feet	Permanent Waterbody Impact Area	Construction Method	Waterbody Restoration Type	Crossing Class	Wetland Temporary Impact Acres	Wetland Conversion Acres	Wetland Loss Acres	State Reg. Class	Time of Year Restrictions	Latitude	Longitude
	156.4	scmp059	Cumberland County	03030005	Temp ROW	Longs Branch	Perennial	11	NA	91	NA	NA	Dam and Pump or Flume	1	NA	NA	NA	NA	C	NA	34.87404	-78.85645
	156.7	scmp048F	Cumberland County	03030005	Temp ROW	Swans Creek	NA	395	NA	NA	NA	NA	Open Cur-Wetland	N/A	PFO	0.67	0.22	0.00	NA	NA	34.87338	-78.86221
NC AP-2 440	156.8	scmp048x	Cumberland County	03030005	Perm ROW	Swans Creek	NA	NA	NA	NA	NA	NA	Not Crossed by Centerline	N/A	PSS	0.11	0.00	0.00	NA	NA	34.87281	-78.86224
	157.3	scmp047F	Cumberland County	03030005	Temp ROW	Wetland	NA	90	NA	NA	NA	NA	Open Cur-Wetland	N/A	PFO	0.11	0.06	0.00	NA	NA	34.87140	-78.87214
	157.3	scmp047x	Cumberland County	03030005	Temp ROW	Wetland	NA	672	NA	NA	NA	NA	Open Cur-Wetland	N/A	PSS	1.15	0.15	0.00	NA	NA	34.87070	-78.87258
NC AP-2 447	157.3	scmp049	Cumberland County	03030005	Temp ROW	UNT to Swans Creek	Perennial	4	NA	89	NA	NA	Dam and Pump or Flume	1	NA	NA	NA	NA	C	NA	34.87088	-78.87216
NC AP-2 448	158.3	scmp002	Cumberland County	03030005	Temp ROW	UNT to Kicks Mill Creek	Intermittent	4	NA	110	NA	NA	Dam and Pump or Flume	1	NA	NA	NA	NA	C	NA	34.86624	-78.88718
NC AP-2 449	158.3	scmp001	Cumberland County	03030005	Temp ROW	UNT to Kicks Mill Creek	Intermittent	0	NA	111	NA	NA	Dam and Pump or Flume	1	NA	NA	NA	NA	C	NA	34.86500	-78.88779
NC AP-2 450	158.3	scmp004F	Cumberland County	03030005	Temp ROW	Wetland	NA	2911	NA	NA	NA	NA	Open Cur-Wetland	N/A	PFO	1.46	1.38	0.00	NA	NA	34.86464	-78.89998
	158.9	scmp002	Cumberland County	03030005	Temp ROW	Kicks Mill Creek	Intermittent	NA	NA	39	NA	NA	Not Crossed by Centerline	N/A	NA	NA	NA	NA	WSIV	NA	34.86234	-78.89791
NC AP-2 451	158.9	scmp003F	Cumberland County	03030005	Temp ROW	Wetland	NA	205	NA	NA	NA	NA	Open Cur-Wetland	N/A	PFO	0.53	0.15	0.00	NA	NA	34.86232	-78.89770
	159.1	scmp003x	Cumberland County	03030005	Temp ROW	Wetland	NA	137	NA	NA	NA	NA	Open Cur-Wetland	N/A	PSS	0.29	0.03	0.00	NA	NA	34.86106	-78.89909
	159.3	scmp001	Cumberland County	03030005	Temp ROW	UNT to Kicks Mill Creek	Intermittent	6	NA	88	NA	NA	Dam and Pump or Flume	1	NA	NA	NA	NA	C	NA	34.86104	-78.89960
NC AP-2 452	159.3	scmp002F	Cumberland County	03030005	Temp ROW	Wetland	NA	483	NA	NA	NA	NA	Open Cur-Wetland	N/A	PFO	0.89	0.34	0.00	NA	NA	34.86132	-78.90131
	159.2	scmp003x	Cumberland County	03030005	Temp ROW	Wetland	NA	71	NA	NA	NA	NA	Open Cur-Wetland	N/A	PSS	0.07	0.02	0.00	NA	NA	34.86188	-78.90155
NC AP-2 453	159.6	scmp008x	Cumberland County	03040202	Temp ROW	Wetland	NA	447	NA	NA	NA	NA	Open Cur-Wetland	N/A	PSS	0.81	0.10	0.00	NA	NA	34.86136	-78.89963

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Wetland and Waterbody Crossings for the Atlantic Coast Pipeline within the U.S. Army Corps of Engineers - Wilmington District

Single Complete Crossing ID#	MP	Feature ID#	County	HUC #	Project Facility Crossed	Waterbody Name	Waterbody Regime	Pipeline Centerline Crossing (feet)	Waterbody Access Road Centerline Crossing (feet)	Temporary Affected Bank Length (feet)	Permanent Affected Bank Length (feet)	Construction Method	Waterbody Restoration Type	Cowardin Class.	Wetland Temporal Impact (feet)	Wetland Conversion (acres)	Wetland Loss (acres)	State Reg. Class.	Time of Year Restrictions	Latitude	Longitude
	166.7	wc060087	Cumberland County	03040203	Temp ROW	Wetland	NA	544	NA	NA	NA	Open Cut-Wetland	N/A	PEO	0.92	0.37	0.00	NA	NA	34.86660	-78.91999
	160.2	wc060082	Robeson County	03040203	Temp ROW	Wetland	NA	191.4	NA	NA	NA	Open Cut-Wetland	N/A	PEO	3.30	1.32	0.00	NA	NA	34.85140	-78.91996
	160.4	wc060091	Cumberland County	03040202	Perm ROW	Gallberry Swamp	Perennial	NA	NA	18	NA	Not Crossed by Centerline	N/A	NA	NA	NA	NA	C, Sw	NA	34.85213	-78.91809
NC AP-2 454	160.5	wc060026	Robeson County	03040203	Temp ROW	Wetland	NA	183	NA	NA	NA	Open Cut-Wetland	N/A	PEM	0.33	0.00	0.00	NA	NA	34.85187	-78.91865
NC AP-2 455	161.1	wc060011	Robeson County	03040203	Temp ROW	Wetland	NA	135	NA	NA	NA	Open Cut-Wetland	N/A	PEO	0.64	0.26	0.00	NA	NA	34.84985	-78.92312
NC AP-2 456	161.8	wc060003	Robeson County	03040203	Temp ROW	UNT to Little Marsh	Open Water	NA	NA	NA	NA	Not Crossed by Centerline	N/A	NA	NA	NA	NA	C	NA	34.83891	-78.91240
NC AP-2 457	161.9	wc060011	Robeson County	03040203	Temp ROW	UNT to Little Marsh Swamp	Intermittent	10	NA	138	NA	Dam and Pump or Flume	1	NA	NA	NA	NA	C	NA	34.83873	-78.91240
NC AP-2 458	162.1	wc060109	Robeson County	03040203	Temp ROW	Little Marsh Swamp	NA	428.1	NA	NA	NA	Open Cut-Wetland	N/A	PEO	7.39	2.95	0.00	NA	NA	34.83934	-78.91606
NC AP-2 459	163.7	wc061002	Robeson County	03040203	Temp ROW	Wetland	NA	141	NA	NA	NA	Open Cut-Wetland	N/A	PEM	0.22	0.00	0.00	NA	NA	34.84639	-78.96729
NC AP-2 460	164.7	wc060081	Robeson County	03040203	Temp ROW	Wetland	NA	58	NA	NA	NA	Open Cut-Wetland	N/A	PEO	0.10	0.04	0.00	NA	NA	34.84963	-78.97068
NC AP-2 461	164.7	wc060006	Robeson County	03040203	Temp ROW	UNT Little Marsh Swamp	Intermittent	8	NA	78	NA	Dam and Pump or Flume	1	NA	NA	NA	NA	C	NA	34.84961	-78.97069
NC AP-2 462	164.9	wc060074	Robeson County	03040203	Temp ROW	Wetland	NA	132.7	NA	NA	NA	Open Cut-Wetland	N/A	PEO	3.07	1.05	0.00	NA	NA	34.84886	-78.95241
NC AP-2 463	165.1	wc060011	Robeson County	03040203	Temp ROW	Wetland	NA	212.5	NA	NA	NA	Open Cut-Wetland	N/A	PEO	3.68	1.46	0.00	NA	NA	34.84059	-78.98252
NC AP-2 464	165.7	wc060021	Robeson County	03040203	Temp ROW	Wetland	NA	125	NA	NA	NA	Open Cut-Wetland	N/A	PEO	0.22	0.00	0.00	NA	NA	34.83747	-78.99012
NC AP-2 465	166.0	wc060041	Robeson County	03040203	Temp ROW	Wetland	NA	203	NA	NA	NA	Open Cut-Wetland	N/A	PEO	0.41	0.14	0.00	NA	NA	34.84248	-78.99456



APPENDIX C.1 REVISED 11-3-2017

Wetland and Waterbody Crossings for the Atlantic Coast Pipeline within the U.S. Army Corps of Engineers - Wilmington District

Single Complete Crossing ID	AP	Feature ID	County	HUC 8	Project Facility Crossed	ROW	Waterbody Name	Waterbody Regime	Pipeline Crossing Feet	Waterbody Access Crossing (feet)	Temporary Affected Bank Length (feet)	Proposed Affected Bank Length Access Road (feet)	Permanent Waterbody Impact (acre)	Construction Method	Waterbody Restoration Type	Cowardin Class.	Wetland Temporarily Impaired (acres)	Wetland Conversion (acres)	Wetland Loss (acres)	State Reg. Class.	Time of Year Restrictions	Latitude	Longitude
	166.1	watf064c	Robeson County	03040205	Temp ROW	Wetland	NA	NA	39	NA	NA	NA	NA	Open Cur-Wetland	NA	PEM	0.06	0.00	0.00	NA	NA	34.83439	-78.99485
	166.1	watf064f	Robeson County	03040205	Temp ROW	Wetland	NA	NA	258	NA	NA	NA	NA	Open Cur-Wetland	NA	PEM	0.47	0.18	0.00	NA	NA	34.83386	-78.99540
NC AP-2 466	166.2	watf063f	Robeson County	03040205	Temp ROW	Wetland	NA	NA	123	NA	NA	NA	NA	Open Cur-Wetland	NA	PEM	0.58	0.22	0.00	NA	NA	34.83312	-78.99703
NC AP-2 466	166.5	staf000f	Robeson County	03040205	Temp ROW	Meager Branch	Intermittent	NA	16	NA	77	NA	NA	Dam and Pump or Flume	1	NA	NA	NA	NA	C, Sw	NA	34.83338	-78.99866
NC AP-2 467	166.3	watf062c	Robeson County	03040205	Temp ROW	Wetland	NA	NA	136	NA	NA	NA	NA	Open Cur-Wetland	NA	PEM	0.17	0.00	0.00	NA	NA	34.83332	-78.99860
NC AP-2 468	166.4	watf061c	Robeson County	03040205	Temp ROW	Wetland	NA	NA	922	NA	NA	NA	NA	Open Cur-Wetland	NA	PEM	1.61	0.00	0.00	NA	NA	34.83167	-79.00140
NC AP-2 469	166.8	staf000c	Robeson County	03040205	Temp ROW	UNT in Black Branch	Intermittent	NA	NA	NA	15	NA	NA	Not Crossed by Centerline	NA	NA	NA	NA	NA	C	NA	34.82845	-79.00517
NC AP-2 470	166.9	watf066f	Robeson County	03040205	Temp ROW	Wetland	NA	NA	293	NA	NA	NA	NA	Open Cur-Wetland	NA	PEM	0.37	0.13	0.00	NA	NA	34.82742	-79.00647
	167.0	watf067f	Robeson County	03040205	Temp ROW	Wetland	NA	NA	146	NA	NA	NA	NA	Open Cur-Wetland	NA	PEM	0.23	0.09	0.00	NA	NA	34.82570	-79.00772
NC AP-2 471	167.0	staf000f	Robeson County	03040205	Temp ROW	Black Branch	Intermittent	NA	8	NA	131	NA	NA	Dam and Pump or Flume	1	NA	NA	NA	NA	C, Sw	NA	34.82587	-79.00769
	167.6	watf061f	Robeson County	03040205	Temp ROW	Big Marsh Swamp Gum Branch	NA	NA	227	NA	NA	NA	NA	Open Cur-Wetland	NA	PEM	0.43	0.15	0.00	NA	NA	34.81902	-79.01474
	167.7	watf063a	Robeson County	03040205	Temp ROW	Big Marsh Swamp Gum Branch	NA	NA	2786	NA	NA	NA	NA	Open Cur-Wetland	NA	PEM	4.81	0.64	0.00	NA	NA	34.81512	-79.01696
NC AP-2 472	168.2	watf061f	Robeson County	03040205	Temp ROW	Big Marsh Swamp Gum Branch	NA	NA	173	NA	NA	NA	NA	Open Cur-Wetland	NA	PEM	0.31	0.12	0.00	NA	NA	34.81082	-79.01662
NC AP-2 473	169.0	staf0017f	Robeson County	03040205	Temp ROW	Wetland	NA	NA	2980	NA	NA	NA	NA	Open Cur-Wetland	NA	PEM	4.99	2.62	0.00	NA	NA	34.79901	-79.01744

APPENDIX C-1 REVISED 11/3/2017

Wetland and Waterbody Crossings for the Atlantic Coast Pipeline within the U.S. Army Corps of Engineers - Wilmington District

Single Crossing ID	MP	Feature ID	County	HUC 8	Project Facility Crossed	Waterbody Name	Waterbody Regime	Pipeline Crossing (feet)	Waterbody Access Road Crossing (feet)	Temporary Bank Length (feet)	Permanent Bank Length (feet)	Permanent Waterbody Impact (acres)	Construction Method	Waterbody Restoration Type	Cowardin Class	Wetland Temporal Impact (acres)	Wetland Conversion (acres)	Wetland Loss (acres)	State Reg. Class	Time of Year Restrictions	Latitude	Longitude
NC AP-2 474	169.6	wrsg0064	Robeson County	03040203	Temp ROW	Wetland	NA	1519	NA	NA	NA	NA	Open Cur- Wetland	N/A	PEO	2.59	1.05	0.00	NA	NA	34.75416	-79.03588
NC AP-2 475	170.2	wrsg0085	Robeson County	03040203	Temp ROW	UNT to Tenuile Swamp	Epithermal	3	NA	124	NA	NA	Dam and Pump or Flume	1	NA	NA	NA	NA	C	NA	34.76609	-79.03886
NC AP-2 476	170.6	wrsg0044	Robeson County	03040203	Temp ROW	Tenuile Swamp	NA	2381	NA	NA	NA	NA	Open Cur- Wetland	N/A	PFO	4.08	1.84	0.00	NA	NA	34.78116	-79.02764
NC AP-2 477	171.3	wrsg0034	Robeson County	03040203	Temp ROW	Wetland	NA	216	NA	NA	NA	NA	Open Cur- Wetland	N/A	PFO	0.79	0.15	0.00	NA	NA	34.75493	-79.04884
NC AP-2 478	171.4	wrsg004	Robeson County	03040203	Temp ROW	UNT to Tenuile Swamp	Intermittent	6	NA	107	NA	NA	Dam and Pump or Flume	1	NA	NA	NA	NA	C	NA	34.77465	-79.04914
NC AP-2 479	171.5	wrsg0026	Robeson County	03040203	Temp ROW	Wetland	NA	1380	NA	NA	NA	NA	Open Cur- Wetland	N/A	PSS	2.36	0.12	0.00	NA	NA	34.72085	-79.05265
NC AP-2 480	171.8	wrsg0015	Robeson County	03040203	Temp ROW	UNT to Saddlecree Swamp	Intermittent	5	NA	85	NA	NA	Dam and Pump or Flume	1	NA	NA	NA	NA	C	NA	34.76951	-79.05171
NC AP-2 481	171.8	wrsg0024	Robeson County	03040203	Temp ROW	Wetland	NA	220	NA	NA	NA	NA	Open Cur- Wetland	N/A	PFO	0.46	0.16	0.00	NA	NA	34.76945	-79.05409
NC AP-2 482	171.9	wrsg0016	Robeson County	03040203	Temp ROW	Wetland	NA	495	NA	NA	NA	NA	Open Cur- Wetland	N/A	PSS	0.79	0.11	0.00	NA	NA	34.76697	-79.05495
NC AP-2 483	172.0	wrsg0013	Robeson County	03040203	Temp ROW	UNT to Tenuile Swamp	Intermittent	7	NA	17	NA	NA	Dam and Pump or Flume	1	NA	NA	NA	NA	C	NA	34.76736	-79.05489
NC AP-2 484	172.1	wrsg0011	Robeson County	03040203	Temp ROW	Wetland	NA	278	NA	NA	NA	NA	Open Cur- Wetland	1	PFO	0.49	0.19	0.00	NA	NA	34.76584	-79.05570
NC AP-2 485	172.0	wrsg0013	Robeson County	03040203	Perm AR	UNT to Saddlecree Swamp	Intermittent	NA	NA	3	NA	0.09	Perm AR	N/A	NA	NA	NA	NA	C	NA	34.76890	-79.05573
NC AP-2 486	172.1	wrsg0014	Robeson County	03040203	Perm AR	UNT to Saddlecree Swamp	Intermittent	NA	NA	0	NA	0.09	Not Crossed by Centerline	N/A	NA	NA	NA	NA	C	NA	34.76797	-79.06061
NC AP-2 487	172.3	wrsg002	Robeson County	03040203	Temp ROW	UNT to Saddlecree Swamp	Intermittent	7	NA	26	NA	NA	Dam and Pump or Flume	1	NA	NA	NA	NA	C	NA	34.76332	-79.05774
NC AP-2 488	172.4	wrsg002	Robeson County	03040203	Perm GH, Temp GH	UNT to Saddlecree Swamp	Epithermal	NA	NA	24	NA	NA	Not Crossed by Centerline	N/A	NA	NA	NA	NA	C	NA	34.76491	-79.05937

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Wetland and Waterbody Crossings for the Atlantic Coast Pipeline within the U.S. Army Corps of Engineers - Wilmington District

Single Complete Crossing ID #	SB	Feature ID #	County	HUC #	Project Facility Crossed	Waterbody Name	Waterbody Regime	Pipeline Centerline Crossing (feet)	Waterbody Access Road Crossing (feet)	Temporary Affected Bank Length Workspace (feet)	Permanent Affected Bank Length Access Road (feet)	Permanent Waterbody Impact (acres)	Construction Method	Waterbody Restoration Type	Cowardin Class	Wetland Temporary Impact (acres)	Wetland Conversion (acres)	Wetland Loss (acres)	State Reg. Class	Time of Year Restrictions	Latitude	Longitude
NC AP-2 464	172.4	wr06091	Robeson County	03040203	Temp GB, Temp ROW	US1 to Saddle Creek Swamp	Intermittent	3	NA	177	NA	NA	Dam and Pump or Flume	I	NA	NA	NA	NA	C	NA	34.76429	-79.09337
NC AP-2 485	172.4	wr06016	Robeson County	03040203	Temp ROW, Temp ROW	Wetland	NA	2417	NA	NA	NA	NA	Open Cur- Accretion	N/A	PSS	4.17	0.55	0.00	NA	NA	34.76218	-79.06311
NC AP-2 486	172.9	wr06015	Robeson County	03040203	Temp ROW, Temp ROW	Wetland	NA	2047	NA	NA	NA	NA	Open Cur- Wetland	N/A	PFD	3.51	1.41	0.00	NA	NA	34.76183	-79.07158
NC AP-2 487	173.4	wr06014	Robeson County	03040203	Temp ROW, Temp ROW	Wetland	NA	376	NA	NA	NA	NA	Open Cur- Wetland	N/A	PFO	0.68	0.26	0.00	NA	NA	34.76149	-79.07679
	173.9	wr06013	Robeson County	03040203	Temp ROW, Temp ROW	Humphrey Branch Raft Swamp	NA	800	NA	NA	NA	NA	Open Cur- Wetland	N/A	PFO	1.35	0.55	0.00	NA	NA	34.76086	-79.08547
	174.0	wr06012	Robeson County	03040203	Temp ROW, Temp ROW	Humphrey Branch Raft Swamp	NA	553	NA	NA	NA	NA	Open Cur- Wetland	N/A	PSS	0.02	0.13	0.00	NA	NA	34.76081	-79.08707
	174.0	wr06010	Robeson County	03040203	Temp ROW, Temp ROW	Raft Swamp	Perennial	40	NA	126	NA	NA	Flume	I	NA	NA	NA	NA	WSP, SW	NA	34.76093	-79.08675
	174.1	wr06011	Robeson County	03040203	Temp ROW, Temp ROW	Humphrey Branch Raft Swamp	NA	1357	NA	NA	NA	NA	Open Cur- Wetland	N/A	PFO	2.36	0.95	0.00	NA	NA	34.76065	-79.09117
	174.4	wr06013	Robeson County	03040203	Temp ROW, Temp ROW	Humphrey Branch Raft Swamp	NA	179	NA	NA	NA	NA	Open Cur- Wetland	N/A	PSS	0.30	0.04	0.00	NA	NA	34.76043	-79.09159
NC AP-2 488	174.4	wr06011	Robeson County	03040203	Temp ROW, Temp ROW	Humphrey Branch Raft Swamp	NA	520	NA	NA	NA	NA	Open Cur- Wetland	N/A	PFO	0.92	0.36	0.00	NA	NA	34.76040	-79.09497
NC AP-2 489	175.5	wr06011	Robeson County	03040203	Temp ROW, Temp ROW	Wetland	NA	1873	NA	NA	NA	NA	Open Cur- Wetland	N/A	PFO	3.23	1.29	0.00	NA	NA	34.75552	-79.11460
NC AP-2 490	176.4	wr06016	Robeson County	03040203	Temp ROW, Temp ROW	Wetland	NA	292	NA	NA	NA	NA	Open Cur- Wetland	N/A	PSS	0.60	0.40	0.00	NA	NA	34.74989	-79.12559
NC AP-2 491	176.7	wr06001	Robeson County	03040203	Temp ROW, Temp ROW	Parisher Branch- Richland Swamp	NA	2477	NA	NA	NA	NA	Open Cur- Wetland	N/A	PFO	5.52	1.71	0.00	NA	NA	34.74367	-79.13000
NC AP-2 492	177.4	wr06021	Robeson County	03040203	Temp ROW, Temp ROW	Wetland	NA	218	NA	NA	NA	NA	Open Cur- Wetland	N/A	PFO	0.67	0.15	0.00	NA	NA	34.73753	-79.13480

APPENDIX C-1 REVISED 11/2/2017

Wetland and Waterbody Crossings for the Atlantic Coast Pipeline within the U.S. Army Corps of Engineers - Wilmington District

Single Complete Crossing ID#	MP	Feature ID#	County	HUC 8	Project Facility Crossing	Waterbody Name	Waterbody Regime	Pipeline Centerline Crossing (feet)	Waterbody Access Road Centerline Crossing (feet)	Temporary Affected Bank Length Workspace (feet)	Permanent Affected Bank Length Access Road (feet)	Permanent Waterbody Impact (acres)	Construction Method	Waterbody Restoration Type	Cowardin Class.	Wetland Temporary Impact (acres)	Wetland Conversion (acres)	Wetland Loss (acres)	State Reg. Class.	Time of Year Restrictions	Latitude	Longitude
	177.5	wr06025	Robeson County	03040203	Perm ROW, Temp ROW	Wetland	NA	347	NA	NA	NA	NA	Open Cut-Wetland	NA	PSS	0.81	0.08	0.00	NA	NA	34.73684	-79.13446
	177.7	wr06025	Robeson County	03040203	Perm ROW, Temp ATWS, Temp ROW	Wetland	NA	457	NA	NA	NA	NA	Open Cut-Wetland	NA	PSS	1.13	0.10	0.00	NA	NA	34.73549	-79.13352
	177.6	wr06025	Robeson County	03040203	Perm ROW, Temp ATWS, Temp ROW	Unmanned Pond	Pond	28	NA	NA	NA	NA	Pond	NA	NA	NA	NA	NA	NA	NA	34.73558	-79.13448
	177.5	wr06025	Robeson County	03040203	Perm ROW, Temp ROW	Wetland	NA	646	NA	NA	NA	NA	Open Cut-Wetland	NA	PSS	1.14	0.15	0.00	NA	NA	34.73341	-79.13495
NC AP-2 495	177.6	wr06025	Robeson County	03040203	Perm AR	UNT to Richland Swamp	Intermittent	NA	NA	NA	NA	0.09	Not Crossed by Centerline	NA	NA	NA	NA	NA	NA	NA	34.73624	-79.12985
NC AP-2 493	177.7	wr06025	Robeson County	03040203	Perm AR	UNT to Richland Swamp	Ephemeral	NA	NA	30	NA	0.09	Perm AR	NA	NA	NA	NA	NA	NA	NA	34.73616	-79.13011
	178.5	wr06025	Robeson County	03040203	Perm ROW, Temp ROW, Temp ROW, Temp ROW	Wetland	NA	508	NA	NA	NA	NA	Open Cut-Wetland	NA	PFT	0.84	0.39	0.00	NA	NA	34.72472	-79.14264
	178.8	wr06025	Robeson County	03040203	Temp ROW	Bare Swamp	Perennial	43	NA	NA	NA	NA	Flume or Dam and Pump	I	NA	NA	NA	NA	C	NA	34.72486	-79.14246
NC AP-2 494	178.5	wr06025	Robeson County	03040203	Temp ROW	Wetland	NA	NA	NA	NA	NA	NA	Not Crossed by Centerline	NA	PFT	0.03	0.00	0.00	NA	NA	34.72481	-79.14256
NC AP-2 495	178.6	wr06025	Robeson County	03040203	Perm ROW, Temp ROW	UNT to Burnt Swamp	Ephemeral	21	NA	347	NA	NA	Flume or Dam and Pump	I	NA	NA	NA	NA	C	NA	34.72312	-79.14351
NC AP-2 496	179.2	wr06025	Robeson County	03040203	Perm ROW, Temp ATWS, Temp ROW	UNT to Burnt Swamp	Perennial	10	NA	NA	NA	NA	Flume or Dam and Pump	I	NA	NA	NA	NA	C	NA	34.72322	-79.14337
NC AP-2 497	180.7	wr06025	Robeson County	03040203	Perm ROW	Wetland	NA	61	NA	NA	NA	NA	Open Cut-Wetland	NA	PSS	0.05	0.01	0.00	NA	NA	34.72605	-79.13870
NC AP-2 498	181.1	wr06025	Robeson County	03040203	Perm ROW, Temp ROW	Mass Neck Swamp	Perennial	21	NA	117	NA	NA	Dom and Pump or Flume	I	NA	NA	NA	NA	C, Sw	NA	34.72557	-79.13480

APPENDIX C-1 REVISED 11-3-2013

Wetland and Waterbody Crossings for the Atlantic Coast Pipeline within the U.S. Army Corps of Engineers - Wilmington District

Single Complete Crossing ID	MP	Feature ID	County	HUC #	Power Facility Crossed	Waterbody Name	Waterbody Regime	Pipeline Crossing (feet)	Waterbody Access Road Centerline Crossing (feet)	Temporary Affected Bank Length Work-space (feet)	Permanent Waterbody Impact (Acres)	Construction Method	Waterbody Restoration Type	Cowardin Class	Wetland Temporal Impact (acres)	Wetland Concession (acres)	Wetland Loss (acres)	State Reg. Class	Time of Year Restrictions	Latitude	Longitude
NC AP-2 499	181.3	wc06017	Robeson County	030402015	Perm ROW	UNT to Moss Neck Swamp	Intermittent	2	NA	NA	NA	Dam and Pump or Flume	I	NA	NA	NA	NA	C	NA	34.72715	-79.18273
NC AP-2 500	181.4	wc06018	Robeson County	030402015	Temp ROW	UNT to Little Bear Swamp	Intermittent	NA	NA	277	NA	Not Crossed by Centerline	N/A	NA	NA	NA	NA	C	NA	34.73604	-79.19035
NC AP-2 501	181.5	wc06019	Robeson County	030402015	Perm ROW	Wetland	NA	144	NA	NA	NA	Open Cut-Wetland	N/A	PEM	0.17	0.09	0.60	NA	NA	34.72565	-79.19051
NC AP-2 502	181.6	wc06020	Robeson County	030402015	Temp ROW	UNT to Bear Swamp	Perennial	8	NA	NA	NA	Dam and Pump or Flume	I	NA	NA	NA	NA	C	NA	34.72433	-79.19149
NC AP-2 503	181.6	wc06021	Robeson County	030402015	Perm ROW	Wetland	NA	272	NA	NA	NA	Open Cut-Wetland	N/A	PSS	0.47	0.06	0.90	NA	NA	34.72424	-79.19217
NC AP-2 504	181.7	wc06022	Robeson County	030402015	Temp ROW	UNT to Bear Swamp	Intermittent	5	NA	NA	NA	Dam and Pump or Flume	I	NA	NA	NA	NA	C	NA	34.72798	-79.19262
NC AP-2 505	181.7	wc06023	Robeson County	030402015	Temp ROW	Wetland	NA	270	NA	NA	NA	Open Cut-Wetland	N/A	PSS	0.45	0.06	0.06	NA	NA	34.72376	-79.19318
NC AP-2 506	181.7	wc06024	Robeson County	030402015	Perm ROW	UNT to Bear Swamp	Intermittent	3	NA	112	NA	Dam and Pump or Flume	I	NA	NA	NA	NA	C	NA	34.72346	-79.19267
NC AP-2 507	182.1	wc06025	Robeson County	030402015	Perm AR	UNT to Bear Swamp	Intermittent	NA	NA	141	NA	Not Crossed by Centerline	N/A	NA	NA	NA	NA	C	NA	34.72460	-79.20180
NC AP-2 508	182.2	wc06026	Robeson County	030402015	Temp ROW	UNT to Bear Swamp	Perennial	5	NA	980	0.00	Dam and Pump or Flume	I	NA	NA	NA	NA	C	NA	34.72118	-79.20353
NC AP-2 509	182.2	wc06027	Robeson County	030402015	Perm AR	Wetland	NA	NA	NA	NA	NA	Not Crossed by Centerline	N/A	PEM	0.00	0.00	0.00	NA	NA	34.71780	-79.20357
NC AP-2 510	182.2	wc06028	Robeson County	030402015	Temp ROW	Bear Swamp	NA	566	NA	NA	NA	Open Cut-Wetland	N/A	PEM	0.66	0.39	0.00	NA	NA	34.72221	-79.20769
NC AP-3 001	0.2	wc06029	Northampton County	030102014	Temp AR	Wetland	NA	NA	NA	NA	NA	Not Crossed by Centerline	N/A	PEM	0.04	0.00	0.00	NA	NA	36.54075	-77.50407
NC AP-3 002	0.7	wc06030	Northampton County	030102014	Temp ROW	Wetland	NA	51	NA	NA	NA	Open Cut-Wetland	N/A	PSS	0.27	0.01	0.00	NA	NA	36.54138	-77.49725
NC AP-3 003	0.7	wc06031	Northampton County	030102014	Temp ROW	Wetland	NA	103	NA	NA	NA	Open Cut-Wetland	N/A	PEM	0.09	0.01	0.00	NA	NA	36.54103	-77.49686
NC AP-3 004	1.3	wc06032	Northampton County	030102014	Temp ROW	UNT to Jacks Swamp	Epifaunal	13	NA	191	NA	Dam and Pump or Flume	I	NA	NA	NA	NA	C,NSW	NA	36.53892	-77.48751

APPENDIX C-1 REVISED 11/7/2017

Wetland and Waterbody Crossings for the Atlantic Coast Pipeline within the U.S. Army Corps of Engineers - Wilmington District

Single Crossing ID	MP	Feature ID	County	HUC 8	Project Facility Crossed	Temp ROW	Waterbody Name	Waterbody Regime	Pipeline Centerline Crossing (feet)	Waterbody Access Road Centerline Crossing (feet)	Temporary Affected Bank Length (feet)	Permanent Affected Bank Length (feet)	Permanent Waterbody Impact (acres)	Construction Method	Watchdog Restoration Type	Wetland Conversion Class.	Wetland Conversion (acres)	Wetland Loss (acres)	State Reg. Class.	Time of Year Restrictions	Latitude	Longitude
NC AP-3 004	1.5	wnc0013	Northampton County	03010204	Temp ROW	Permit ROW	Wetland	NA	NA	NA	NA	NA	NA	Not Crossed by Centerline	N/A	PFO	0.00	0.00	NA	NA	36.53802	-77.48165
NC AP-3 005	1.5	wnc0014	Northampton County	03010204	Temp ROW	Permit ROW	ENT to Jacks Swamp	Ephemeral	3	NA	77	NA	NA	Dam and Pump or Flume	1	NA	NA	NA	C, NSW	NA	36.53847	-77.48326
NC AP-3 006	1.6	wnc0015	Northampton County	03010204	Temp ROW	Permit ROW	Wetland	NA	40	NA	NA	NA	NA	Open Cut- Wetland	N/A	PFO	0.03	0.00	NA	NA	36.53785	-77.48070
NC AP-3 007	2.2	wnc0016	Northampton County	03010204	Temp ROW	Permit ROW	Wetland	NA	67	NA	NA	NA	NA	Open Cut- Wetland	N/A	PFO	0.04	0.00	NA	NA	36.53608	-77.47072
NC AP-3 008	2.6	wnc0017	Northampton County	03010204	Temp ROW	Permit ROW	Wetland	NA	314	NA	NA	NA	NA	Open Cut- Wetland	N/A	PFO	0.22	0.00	NA	NA	36.53504	-77.46355
NC AP-3 009	3.0	wnc0018	Northampton County	03010204	Temp ROW	Permit ROW	Wetland	NA	41	NA	NA	NA	NA	Open Cut- Wetland	N/A	PFO	0.03	0.00	NA	NA	36.53400	-77.45317
NC AP-3 010	3.6	wnc0019	Northampton County	03010204	Temp ROW	Permit ROW	Wetland	NA	35	NA	NA	NA	NA	Open Cut- Wetland	N/A	PFO	0.05	0.00	NA	NA	36.53236	-77.44827
NC AP-3 011	4.1	wnc0020	Northampton County	03010204	Temp ROW	Permit ROW	Wetland	Intermittent	3	NA	107	NA	NA	Dam and Pump or Flume	1	NA	NA	NA	C, NSW	NA	36.53234	-77.44634
NC AP-3 012	4.2	wnc0021	Northampton County	03010204	Temp ROW	Permit ROW	Wetland	Intermittent	10	NA	91	NA	NA	Dam and Pump or Flume	1	NA	NA	NA	C, NSW	NA	36.53247	-77.43630
NC AP-3 013	4.9	wnc0022	Northampton County	03010204	Temp ROW	Permit ROW	Wetland	NA	115	NA	NA	NA	NA	Open Cut- Wetland	N/A	PFO	0.09	0.00	NA	NA	36.52808	-77.43383
NC AP-3 014	4.9	wnc0023	Northampton County	03010204	Temp ROW	Permit ROW	Wetland	NA	NA	NA	NA	NA	NA	Not Crossed by Centerline	N/A	PFO	0.06	0.00	NA	NA	36.52605	-77.42462
NC AP-3 015	5.1	wnc0024	Northampton County	03010204	Temp ROW	Permit ROW	Wetland	NA	135	NA	NA	NA	NA	Open Cut- Wetland	N/A	PFO	0.24	0.00	NA	NA	36.52797	-77.42076
NC AP-3 016	5.3	wnc0025	Northampton County	03010204	Temp ROW	Permit ROW	Cypress Creek	NA	1186	NA	NA	NA	NA	Open Cut- Wetland	N/A	PFO	2.04	0.00	NA	NA	36.53664	-77.41665

APPENDIX C-1 (REVISED 11-3-2017)

Wetland and Waterbody Crossings for the Atlantic Coast Pipeline within the U.S. Army Corps of Engineers - Wilmington District

Single Complete Crossing ID #	MP	Feature ID #	County	HUC #	Project Facility Crossed	Waterbody Name	Waterbody Regime	Pipeline Crossing #	Waterbody Access Road Crossing (feet)	Waterbody Centerline Crossing (feet)	Permanent Wetlands Impacted (acres)	Construction Method	Waterbody Restoration Type	Cowardin Class	Wetland Temporary Impact (acres)	Wetland Conversion (acres)	Wetland Loss (acres)	State Reg. Class	Time of Year Restrictions	Latitude	Longitude
NC AP-2 013	5.9	wmp0221	Northampton County	03010204	Perm ROW	Wetland	NA	241	NA	NA	NA	Open Cut- Wetland	N/A	PFO	0.45	0.18	0.00	NA	NA	36.52489	-77.40656
	5.9	wmp017	Northampton County	03010204	Temp ROW	UNT to Cypress Creek	Perennial	8	NA	116	NA	Dam and Pump	I	NA	NA	NA	NA	C, NSW	NA	36.52302	-77.40644
	5.9	wmp016	Northampton County	03010204	Temp ROW	UNT to Cypress Creek	Perennial	11	NA	115	NA	Dam and Pump	I	NA	NA	NA	NA	C, NSW	NA	36.52486	-77.40635
NC AP-3 014	6.3	wmp011	Northampton County	03010204	Temp ROW	Wetland	NA	192	NA	NA	NA	Open Cut- Wetland	N/A	PFO	0.22	0.08	0.00	NA	NA	36.52484	-77.39973
	6.3	wmp012	Northampton County	03010204	Temp ROW	Wetland	NA	NA	NA	NA	NA	Not Crossed by Centerline	N/A	PEM	0.09	0.00	0.00	NA	NA	36.52498	-77.39991
NC AP-3 015	6.5	wmp015	Northampton County	03010204	Perm ROW	UNT to Cypress Creek	Intermittent	NA	NA	16	0.00	Perm AR	N/A	NA	NA	NA	NA	C, NSW	NA	36.52363	-77.39815
	7.0	wmp009c	Northampton County	03010204	Temp ROW	Wetland	NA	57	NA	NA	NA	Open Cut- Wetland	N/A	PEM	0.13	0.00	0.00	NA	NA	36.52842	-77.38751
NC AP-3 016	7.0	wmp009	Northampton County	03010204	Temp ROW	Wetland	NA	116	NA	NA	NA	Open Cut- Wetland	N/A	PFO	0.20	0.07	0.00	NA	NA	36.52831	-77.38742
	7.0	wmp005	Northampton County	03010204	Temp ROW	UNT to Cypress Creek	Perennial	7	NA	146	NA	Dam and Pump or Flume	I	NA	NA	NA	NA	C, NSW	NA	36.52837	-77.38737
NC AP-3 017	7.1	wmp008	Northampton County	03010204	Temp ROW	Wetland	NA	32	NA	NA	NA	Open Cut- Wetland	N/A	PFO	0.04	0.02	0.00	NA	NA	36.52849	-77.38566
	7.1	wmp008c	Northampton County	03010204	Temp ROW	Wetland	NA	NA	NA	NA	NA	Not Crossed by Centerline	N/A	PEM	0.01	0.00	0.00	NA	NA	36.52877	-77.38508
NC AP-3 018	7.2	wmp007	Northampton County	03010204	Perm ROW	Wetland	NA	NA	9	NA	NA	Perm AR - Wetland Loss	N/A	PFO	0.00	0.00	0.01	NA	NA	36.52670	-77.38303
	7.3	wmp006c	Northampton County	03010204	Temp ROW	Cypress Creek	NA	745	NA	NA	NA	Open Cut- Wetland	N/A	PEM	0.50	0.01	0.00	NA	NA	36.53014	-77.38117
NC AP-3 019	7.5	wmp006	Northampton County	03010204	Temp ROW	Cypress Creek	NA	105	NA	NA	NA	Open Cut- Wetland	N/A	PFO	0.96	0.27	0.00	NA	NA	36.53003	-77.38122
	7.5	wmp007c	Northampton County	03010204	Temp ROW	Wetland	NA	9	NA	NA	NA	Open Cut- Wetland	N/A	PEM	0.02	0.00	0.00	NA	NA	36.53049	-77.37960
NC AP-3 020	7.6	wmp010	Northampton County	03010204	Temp ROW	Wetland	NA	258	NA	NA	NA	Open Cut- Wetland	N/A	PFO	0.54	0.17	0.00	NA	NA	36.53073	-77.37824
	7.6	wmp010c	Northampton County	03010204	Temp ROW	Wetland	NA	125	NA	NA	NA	Open Cut- Wetland	N/A	PEM	0.18	0.00	0.00	NA	NA	36.53102	-77.37802
NC AP-3 021	7.8	wmp011	Northampton County	03010204	Temp ROW	Wetland	Ephemeral	2	NA	77	NA	Dam and Pump or Flume	I	NA	NA	NA	NA	C, NSW	NA	36.53182	-77.37462

APPENDIX C-1 REVISED 11/3/2017

Wetland and Waterbody Crossings for the Atlantic Coast Pipeline within the U.S. Army Corps of Engineers - Wilmington District

Single-Complete Crossing ID	MP	Feature ID	County	HUC 8	Project Facility Crossing ROW	Waterbody Name	Waterbody Regime	Pipeline Crossing (feet)	Waterbody Access Road Crossing (feet)	Temporary Affected Bank Length Access Road (feet)	Permanent Waterbody Impact (acres)	Construction Method	Waterbody Restoration Type	Cowardin Class	Wetland Temporary Impact (acres)	Wetland Conversion (acres)	Wetland Loss (acres)	State Reg. Class	Time of Year Restrictions	Latitude	Longitude
NC AP-3 023	8.1	warp108c	Northampton County	03010204	Perm ROW	Wetland	N/A	357	NA	NA	NA	Open Cut-Wetland	N/A	PEM	0.24	0.00	0.00	NA	NA	36.53351	-77.36864
NC AP-3 023	8.2	warp108d	Northampton County	03010204	Temp ROW	Wetland	NA	NA	NA	NA	NA	Not Crossed by Centerline	N/A	PEO	0.47	0.09	0.00	NA	NA	36.53329	-77.36846
NC AP-3 023	8.6	warp111c	Northampton County	03010204	Perm ROW	Wetland	NA	253	NA	NA	NA	Open Cut-Wetland	N/A	PEM	0.18	0.00	0.00	NA	NA	36.53663	-77.36128
NC AP-3 023	8.6	warp111d	Northampton County	03010204	Temp ROW	Wetland	NA	NA	NA	NA	NA	Not Crossed by Centerline	N/A	PEO	0.19	0.04	0.00	NA	NA	36.53570	-77.36146
NC AP-3 024	8.7	warp112c	Northampton County	03010204	Temp ROW	Wetland	NA	1424	NA	NA	NA	Open Cut-Wetland	N/A	PEM	1.70	0.00	0.00	NA	NA	36.53702	-77.35581
NC AP-3 024	9.0	warp112d	Northampton County	03010204	Temp ROW	Wetland	NA	4	NA	NA	NA	Open Cut-Wetland	N/A	PEO	0.29	0.11	0.00	NA	NA	36.53702	-77.35599
NC AP-3 025	9.2	warp118c	Northampton County	03010204	Temp ROW	Wetland	NA	NA	NA	NA	NA	Not Crossed by Centerline	N/A	PEO	0.06	0.00	0.00	NA	NA	36.53805	-77.35037
NC AP-3 025	9.4	warp117c	Northampton County	03010204	Temp ROW	Wetland	NA	NA	NA	NA	NA	Not Crossed by Centerline	N/A	PEO	0.05	0.00	0.00	NA	NA	36.53874	-77.34774
NC AP-3 025	9.4	warp117d	Northampton County	03010204	Temp ROW	Wetland	NA	5	NA	NA	NA	Open Cut-Wetland	N/A	PEM	0.01	0.00	0.00	NA	NA	36.53915	-77.34778
NC AP-3 025	9.4	warp118d	Northampton County	03010204	Temp ROW	Wetland	NA	633	NA	NA	NA	Open Cut-Wetland	N/A	PEM	0.65	0.00	0.00	NA	NA	36.53958	-77.34688
NC AP-3 026	9.4	warp116d	Northampton County	03010204	Temp ROW	Wetland	NA	NA	NA	NA	NA	Not Crossed by Centerline	N/A	PEO	0.40	0.00	0.00	NA	NA	36.53941	-77.34651
NC AP-3 027	9.7	warp116c	Northampton County	03010204	Temp ROW	Wetland	NA	167	NA	NA	NA	Open Cut-Wetland	N/A	PSS	0.30	0.04	0.00	NA	NA	36.53809	-77.34392
NC AP-3 028	9.9	warp113d	Northampton County	03010204	Temp ROW	Wetland	NA	803	NA	NA	NA	Open Cut-Wetland	N/A	PEO	0.62	0.21	0.00	NA	NA	36.53567	-77.34059
NC AP-3 029	9.9	warp113c	Northampton County	03010204	Temp ROW	Wetland	NA	149	NA	NA	NA	Open Cut-Wetland	N/A	PEO	0.37	0.10	0.00	NA	NA	36.53406	-77.33900
NC AP-3 030	10.0	warp112f	Northampton County	03010204	Temp ROW	Wetland	NA	1405	NA	NA	NA	Open Cut-Wetland	N/A	PEO	2.42	0.98	0.00	NA	NA	36.53448	-77.33652



APPENDIX C-1 REVISED 11-3-2017

Wetland and Waterbody Crossings for the Atlantic Coast Pipeline within the U.S. Army Corps of Engineers - Wilmington District

Single Complete Crossing ID #	MAP	Feature ID #	County	HUF #	Project Facility Crossed	Waterbody Name	Waterbody Regime	Pipeline Centerline Crossing (feet)	Waterbody Access Road Crossing (feet)	Temporary Affected Bank Length (feet)	Permanent Affected Bank Length (feet)	Permanent Wetland Impact (acres)	Construction Method	Waterbody Restoration Type	Cowardin Class	Wetland Temporary Impact (acres)	Wetland Conversion (acres)	Wetland Loss (acres)	State Reg Class	Time of Year Restrictions	Latitude	Longitude
SC AP-3 010	10.0	sm0104	Northampton County	03010214	Temp ROW	UNT to Cypress Creek	Perennial	NA	NA	128	NA	NA	Not Crossed by Centerline	N/A	NA	NA	NA	NA	C	NA	36.53198	-77.13018
SC AP-3 011	10.0	sm0105	Northampton County	03010214	Temp ROW	Cypress Creek	Perennial	33	NA	92	NA	NA	Flange	I	NA	NA	NA	NA	C	NA	36.53197	-77.13078
SC AP-3 012	10.2	sm0102	Northampton County	03010214	Perm ROW	UNT to Cypress Creek	Perennial	4	NA	52	NA	NA	Dam and Pump in Flume	I	NA	NA	NA	NA	C	NA	36.53438	-77.13486
SC AP-3 013	10.3	sm0101	Northampton County	03010214	Temp ROW	Cypress Creek	Perennial	3	NA	77	NA	NA	Dam and Pump in Flume	I	NA	NA	NA	NA	C	NA	36.53401	-77.13126
SC AP-3 014	10.5	sm0111	Northampton County	03010214	Perm ROW	Wetland	NA	NA	NA	NA	NA	NA	Not Crossed by Centerline	N/A	PFO	0.00	0.00	0.00	NA	NA	36.53664	-77.13103
SC AP-3 015	10.7	sm0107	Northampton County	04010214	Temp ROW	Wetland	NA	329	NA	NA	NA	NA	Open Cut Wetland	N/A	PFO	0.55	0.23	0.00	NA	NA	36.53244	-77.13786
SC AP-3 016	10.8	sm0104	Northampton County	03010214	Perm AR	UNT to Mechem River	Epheemeral	NA	NA	0	NA	0.00	Perm AR	N/A	NA	NA	NA	NA	C	NA	36.53424	-77.13170
SC AP-3 017	11.2	sm0101	Northampton County	03010214	Perm AR	UNT to Mechem River	Intermittent	NA	0	12	NA	0.00	Perm AR	N/A	NA	NA	NA	NA	C	NA	36.53818	-77.13016
SC AP-3 018	11.6	sm0112	Northampton County	03010214	Temp ROW	UNT to Mechem River	Intermittent	4	NA	76	NA	NA	Dam and Pump in Flume	I	NA	NA	NA	NA	C	NA	36.53196	-77.13219
SC AP-3 019	11.9	sm0113	Northampton County	03010214	Perm ROW	Wetland	NA	1044	NA	NA	NA	NA	Open Cut Wetland	N/A	PFO	1.88	0.72	0.00	NA	NA	36.54379	-77.10951
SC AP-3 020	12.1	sm0121	Northampton County	03010214	Temp ROW	Wetland	NA	80	NA	NA	NA	NA	Open Cut Wetland	N/A	PFO	0.12	0.05	0.00	NA	NA	36.54447	-77.10112

Single and Complete Project ID identifies each separate and distinct crossing as a Single and Complete Project, or groups crossings water features according to USACE guidance. A Single and Complete Project may include more than one wetland and/or waterbody together and subtotals are provided for where multiple water features crossings constitute a Single and Complete Project.  
 Feature ID is unique to each waterbody or wetland delineated. Features starting with a "w" are wetlands, features starting with a "v" are waterbodies, features starting with a "u" are water ponds, and features starting with "DK" are wetlands or waterbodies that have been added based on desktop review where survey access is not available.  
 Project Facility Crossed column includes the following categories and each is defined below:  
 Temp ROW - Temporary Right-of-Way  
 Perm ROW - Permanent Right-of-Way  
 Temp CPT - Temporary Contractor Yard (impacts on waters at contractor yards will be avoided)  
 Temporary Affected Bank Length Workspace column represents temporary impacts associated with installing pipeline construction and is determined based on the waterbody bank length within the construction workspace.  
 Permanent Affected Bank Length Access Road column represents the waterbody bank length that may be temporarily impacted due to access road use or temporary impoundment.  
 Construction Method column includes trenching construction methods for waterbodies that have a pipeline centerline crossing length. For waterbodies that are not crossed by the pipeline centerline or other unique facility components this column reads "Not Crossed by Centerline". For wetlands that intersect Perm ROW, wetlands with a Collet, Perm AR, Wetland, or Wetland with a Collet, the column refers to the unique facility component (e.g., compressor station, contractor yards) the column refers to the unique facility crossed and identifies the nature of the planned impacts. Planned access road improvements are also identified in this column (e.g., Replace Waterbody Restoration Method refers to the typical design for restoring waterbodies that are reached through during construction. N/A is used in this column for wetlands and for waterbodies that are either not crossed by the pipeline centerline (i.e., no anticipated trenching) or where waterbodies are avoided using trenchless methods (e.g., HDD method).  
 Cowardin Class - Cowardin Class  
 Wetland Conversion - Wetland Conversion  
 Wetland Loss - Wetland Loss  
 State Reg Class - State Reg Class  
 Time of Year Restrictions - Time of Year Restrictions  
 Construction Method - Construction Method  
 Waterbody Restoration Type - Waterbody Restoration Type  
 Wetland Temporary Impact - Wetland Temporary Impact  
 Wetland Conversion - Wetland Conversion  
 Wetland Loss - Wetland Loss  
 State Reg Class - State Reg Class  
 Time of Year Restrictions - Time of Year Restrictions  
 Latitude - Latitude  
 Longitude - Longitude

APPENDIX C-1 REVISED 11/3/2017

Wetland and Waterbody Crossings for the Atlantic Coast Pipeline within the  
U.S. Army Corps of Engineers - Wilmington District

Single Complete Crossing ID.	MP	Feature ID	County	HUC 8	Project Facility Crossed	Waterbody Name	Waterbody Regime	Pipeline Centerline Crossing (feet)	Waterbody Access Road Centerline Crossing (feet)	Temporary Affected Bank Length Workspace (feet)	Permanent Affected Bank Length Access Road (feet)	Permanent Waterbody Impact (acre)	Construction Method	Waterbody Restoration Type	Coastal Class	Wetland Temporary Impact (acres)	Wetland Conversion (acres)	Wetland Loss (acres)	State Reg. Class	Year of Restrictions	Latitude	Longitude
<p>Coastal Classification for wetlands, PFM - palustrine emergent, PSS - palustrine scrubshrub, and PFO - palustrine forested Wetland Impact columns include acreage of temporary impacts with project workspace that will be restored and allowed to revegetate to pre construction conditions after construction is complete, conversion impacts will result from operational maintenance of the pipeline right-of-way, changing PSS and PFO wetland types to PFM and PFM/PSS respectively, and loss impacts will result from filling wetlands for permanent access road construction or improvements Section 10 Navigable Water crossing Conversion impacts to wetlands as well as other temporary impacts will not occur between HDD entry and exit points.</p>																						

Nationwide Permit No. 12, Pre-Construction Notification – Supplemental Information  
 U.S. Army Corps of Engineers – Wilmington District

TABLE 5							
North Carolina Riparian Buffer Impacts within the Tar-Pamlico and Neuse Watersheds *							
Watershed	MP	Unique ID	Workspace within Zone 1 Buffer (Square Feet)	Workspace within Zone 2 Buffer (Square Feet)	Area of Wetland Overlap Zone 1 Buffer (Square Feet)	Area of Wetland Overlap Zone 2 Buffer (Square Feet)	Required Mitigation
Tar-Pamlico	18.5	shlb050	9,765	5,443	0	0	37,460
	18.5	shlg009	44,620	27,302	0	0	174,813
	20.0	shlh008	4,673	3,116	4,673	3,116	0
	20.5	shlh007	7,347	4,997	0	0	29,537
	22.8	shlh016	6,005	4,677	5,295	869	7,841
	23.1	shlh017	5,454	4,426	5,454	4,426	0
	24.0	shlg012	5,934	4,060	2,387	1,605	14,322
	25.0	shlb100	5,215	3,542	5,215	3,542	0
	26.5	shlh009	5,098	3,527	5,098	3,527	0
	27.4	shlh011	8,695	5,672	8,695	5,672	0
	27.7	shlh012	4,621	3,075	4,621	3,075	0
	29.8	shla001	5,514	3,966	5,514	3,886	119
	31.2	shlo001	382	1,280	350	372	1,455
	31.2	shlo002	4,494	2,922	4,490	1,799	1,698
	33.4	shlh022	1,911	1,226	1,060	1,179	2,623
	33.8	shlg011	3,062	2,039	2,397	1,022	3,519
	34.0	snag001	3,290	2,207	0	0	13,181
	34.8	snah002	4,514	3,552	4,432	1,752	2,945
	40.4	snah002	7,709	5,347	0	0	31,147
	40.6	snah003	3,266	2,149	0	0	13,022
	40.9	snah006	6,757	4,718	2,854	1,981	15,812
	41.6	snah005	5,551	3,970	3,345	1,353	10,542
	41.7	snah004	5,631	3,883	5,620	3,134	1,156
	42.0	snah029	5,030	3,301	3,630	1,635	6,699
	42.1	snah025	24,489	12,254	23,331	8,841	8,594
	42.2	snah026	7,261	4,465	5,927	2,754	6,568
	42.8	snab103	5,440	4,074	3,246	284	12,267
	44.0	snab104	2,053	2,941	2,053	2,941	0
	44.4	snab105	1,563	2,721	1,563	2,379	512
	44.5	snac001	7,688	6,838	6,839	3,473	7,593
	44.8	snag012	5,966	5,481	5,377	4,317	3,512
	45.4	onac002		688		688	0
	47.2	snah008	7,642	5,030	1,482	130	25,833
	47.6	snah010	8,395	4,811	0	0	32,402
	48.8	DKSQ_NC_002*	7,342	4,860	7,319	4,860	71
	49.5	snah017	9,308	6,043	0	0	36,988
	50.3	snag006	935	2,355	659	1,309	2,400
	50.8	snag005	9,194	7,802	6,447	3,616	14,519
	51.5	snag009	12,793	9,360	9,895	5,339	14,726
	51.5	snag011		2		0	3
	52.0	onag004	4,810	2,133	0	0	17,630
	52.0	snab101	1,690	1,593	0	0	7,460
	52.0	onag002	527	2,074	0	1,193	2,902
	53.3	snah021	6,267	3,635	6,267	3,603	47
	54.8	snah020	4,868	3,409	4,868	3,409	0
	56.3	snah024	7,081	3,431	7,081	3,431	0

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TABLE 5								
North Carolina Riparian Buffer Impacts within the Tar-Pamlico and Neuse Watersheds *								
Watershed	MP	Unique ID	Workspace within Zone 1 Buffer (Square Feet)	Workspace within Zone 2 Buffer (Square Feet)	Area of Wetland Overlap Zone 1 Buffer (Square Feet)	Area of Wetland Overlap Zone 2 Buffer (Square Feet)	Required Mitigation	
Neuse	56.7	snah022	42,834	18,619	42,834	18,619	0	
	57.1	snah019	5,596	4,082	5,596	4,082	0	
	58.8	snap004	5,405	4,477	1,912	215	16,874	
	59.4	snao011	4,097	2,713	424	104	14,933	
	63.3	snao004	4,731	3,261	4,731	2,355	1,359	
	66.0	swio015	7,323	5,557	0	0	30,303	
	66.3	swio016	13,138	9,226	0	0	53,252	
			<b>DKSQ_NC_008*</b>					
	66.9		008*	6,695	4,452	6,695	4,452	0
	67.8		swio002	4,694	3,129	4,689	2,880	388
	69.1		swic004	523	1,833	0	0	4,319
	69.1		swio004	17,632	11,909	11,651	2,678	31,790
	69.3		swio005	5,989	3,862	5,989	3,862	0
	69.7		swio007	5,027	3,931	4,066	1,598	6,384
	70.4		swio009	5,769	3,989	4,083	1,620	8,612
	70.5		swio008	6,458	5,009	2,141	725	19,378
	71.0		swio011	4,778	549	4,778	549	0
	71.0		swio012	3,505	1,517	3,505	1,517	0
	71.0		swio013	14,573	9,293	14,573	9,293	0
	72.3		swic001	7,852	5,807	46	379	31,559
	73.1		swib100a	10,041	8,913	6,947	1,310	20,688
	73.2		swib100b	7,257	4,983	5,825	1,957	8,834
	73.3		swib100c	7,011	4,824	6,682	4,606	1,316
	73.6		swic002	4,240	2,774	0	0	16,881
	75.8		swip009	2,739	2,509	874	184	9,083
	75.8		swip017	5,064	4,076	5,054	3,272	1,238
	79.2		sjob103	22,318	18,781	8,398	4,871	62,626
	79.5		sjob104	5,925	4,702	5,842	3,183	2,527
	82.5		sjoe002	3,209	2,153	1,612	853	6,740
	83.5		sjoe006	10,146	5,024	0	0	37,975
	84.5		sjop001	8,142	5,107	5,678	3,121	10,371
	85.9		sjoo003	4,558	3,036	4,558	3,036	0
	86.5		sjoo004	7,906	4,921	7,906	4,921	0
88.9		sjop005	8,635	7,749	0	0	37,528	
89.8		sjop007	6,798	3,903	0	1,077	24,634	
91.2		sjop009	1,747	9,158	0	425	18,342	
92.1		sjop010	6,606	4,795	0	0	27,010	
95.1		sjob011	5,408	4,576	5,408	3,408	1,753	
		<b>DKSQ_NC_009*</b>						
95.3		009*	5,938	3,927	0	0	23,704	
95.3		sjop018	13,609	9,251		0	54,704	
HDD	98.5	sjob105	6,767	4,521	0	0	27,064	
	102.4	sjob006	8,023	5,300	0	0	32,019	
	102.8	sjob004	5,819	4,555	5,519	3,974	1,771	
	103.9	sjob003	4,870	3,142	4,870	3,142	0	
	107.7	sjob001	18	2,116	18	2,116	0	

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TABLES

North Carolina Riparian Buffer Impacts within the Tar-Pamlico and Neuse Watersheds <sup>a</sup>

Watershed	MP	Unique ID	Workspace within Zone 1 Buffer (Square Feet)	Workspace within Zone 2 Buffer (Square Feet)	Area of Wetland Overlap Zone 1 Buffer (Square Feet)	Area of Wetland Overlap Zone 2 Buffer (Square Feet)	Required Mitigation
		<b>DKSQ_NC_</b>					
	110.3	<b>010<sup>a</sup></b>	9,188	4,971	0	0	35,021
	110.3	<b>sjop017</b>	211	699	0	0	1,683
	113.1	<b>sjoo007</b>	6,681	4,225	2,090	1,256	18,226
	113.7	<b>sjoe007</b>	262	5,590	262	5,590	0
<b>TOTALS</b>			<b>655,608</b>	<b>459,896</b>	<b>362,742</b>	<b>203,743</b>	<b>1,262,826</b>

<sup>a</sup> Feature extended subsequent to agency field review, requires confirmation with NCDEQ.  
 Note: The totals shown in this table may not equal the sum of addends due to rounding