Atlantic Coast Pipeline

Wetland and Waterbody Survey Report 2

U.S. Army Corps of Engineers – Wilmington District

Prepared by:

ERM

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ACRONYMS

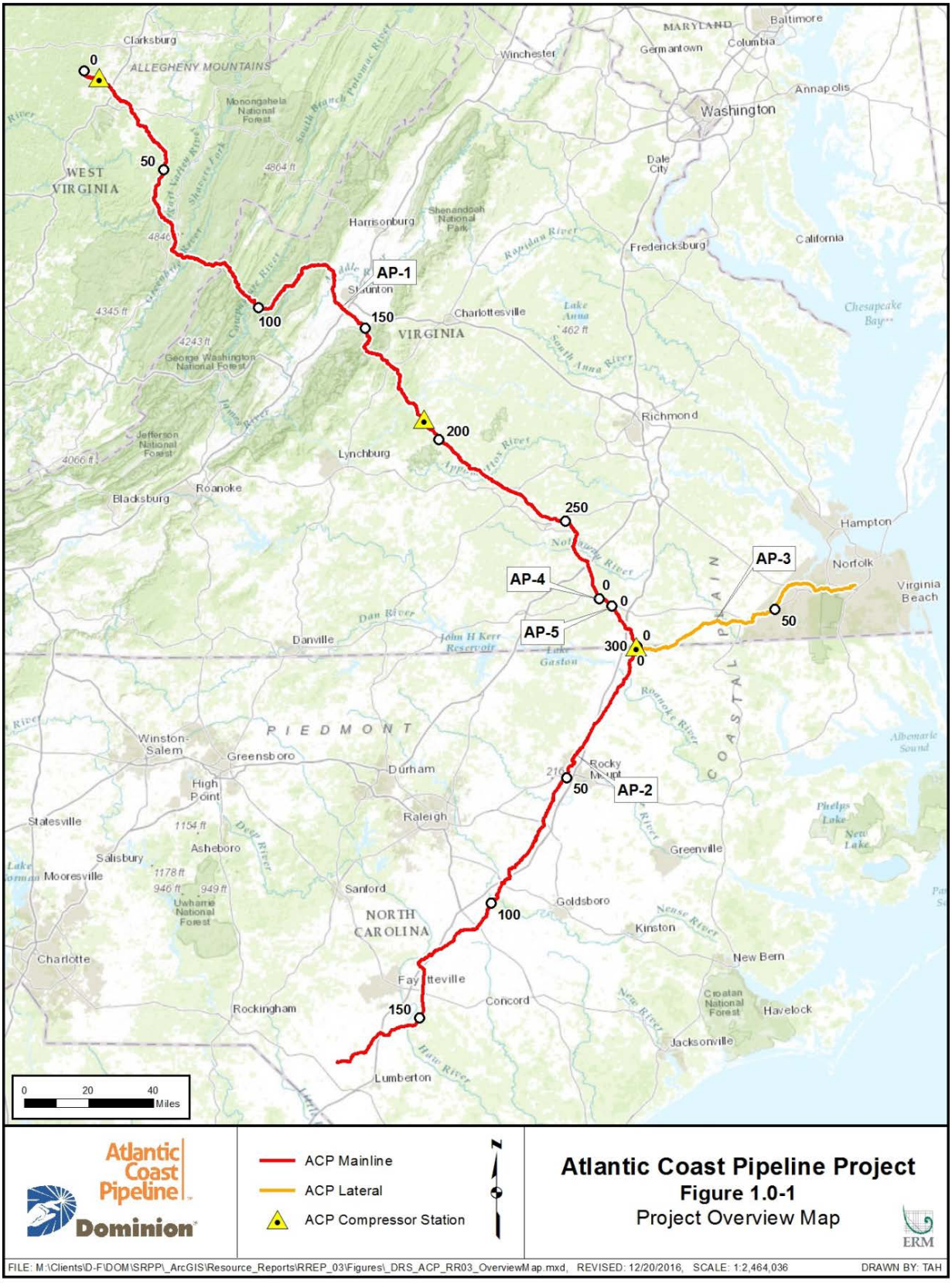
ACP	Atlantic Coast Pipeline
Atlantic	Atlantic Coast Pipeline, LLC
D&D	Duncan & Duncan West, LLC
DTI	Dominion Transmission, Inc.
ERM	Environmental Resources Management
ESI	Environmental Services Inc.
GPS	Global Positioning System
NHD	National Hydrography Dataset
NWI	National Wetland Inventory
OHWM	Ordinary High Water Mark
PEM	Palustrine System Emergent Wetland Class
PFO	Palustrine System Forested Wetland Class
PSS	Palustrine System Scrub-Shrub Wetland Class
USACE	U.S. Army Corps of Engineers
USGS	U.S. Geological Survey
W&C	Woodard & Curran

1.0 INTRODUCTION

Environmental Resources Management (ERM), on behalf of Atlantic Coast Pipeline, LLC (Atlantic), conducted wetland and waterbody surveys for the proposed Atlantic Coast Pipeline (ACP). Surveys were completed by staff from ERM, and contracted staff from Duncan & Duncan WEST, LLC (D&D), Environmental Services Inc. (ESI), and Woodard & Curran (W&C). This report presents results of the wetland and waterbody field surveys that were completed in West Virginia, Virginia, and North Carolina for the ACP. The survey area consists of a 300-foot-wide corridor approximately 604.4 miles long, including 98.7 miles in West Virginia, 307.1 miles in Virginia, and 198.7 miles in North Carolina (Figure 1.0-1). The survey corridor includes areas within the U.S. Army Corps of Engineers (USACE) Pittsburgh, Huntington, Norfolk, and Wilmington Districts.

Wetland and waterbody surveys were conducted along the proposed mainlines AP-1 and AP-2, and proposed lateral pipelines AP-3, AP-4, and AP-5. The following counties were surveyed along AP-1: Harrison, Lewis, Upshur, Randolph, and Pocahontas Counties in West Virginia; Bath, Highland, Augusta, Nelson, Buckingham, Cumberland, Prince Edward, Nottoway, Dinwiddie, Brunswick, and Greensville Counties in Virginia. The following counties were surveyed along AP-2: Northampton, Halifax, Nash, Wilson, Johnston, Sampson, Cumberland, and Robeson Counties in North Carolina. The following counties were surveyed along AP-3: Southampton County, the City of Suffolk, the city of Chesapeake in Virginia, and a portion of Northampton County in North Carolina. Another surveyed portion of Brunswick County, Virginia was part of the proposed AP-4. Greensville County, Virginia was also surveyed as the proposed AP-5. The field surveys were conducted from June 2014 to October 2016, and will continue until the wetland and waterbody surveys are complete on available land parcels along the proposed pipeline route. This report serves as the second wetland and waterbody report to be submitted to the Federal Energy Regulatory Commission and the USACE and includes wetland and waterbody survey data previously provided to the USACE in September 2016.

This report provides an assessment of wetlands, rivers, streams, open waterbodies (e.g., ponds), and seep points documented within the survey corridor based on qualified wetland biologists' best professional judgment and interpretation of the *U.S. Army Corps of Engineers 1987 Wetlands Delineation Manual* (USACE, 1987), *the Regional Supplement to the Corps of Engineers Wetland Delineation Manual: Eastern Mountains and Piedmont Region (Version 2.0)* (USACE, 2010a), *the Regional Supplement to the Corps of Engineers Wetland Delineation Manual: Atlantic and Gulf Coastal Plain Region (Version 2.0)* (USACE, 2010b), the *USACE Regulatory Guidance Letter regarding Ordinary High Water Mark Identification* (USACE, 2005), and other applicable USACE guidance documents and regulations. The report also documents observations made at "non-water points" where desktop data indicated a wetland or waterbody may be present but upon field inspection requisite wetland parameters or discernable evidence of waterbody morphological characteristics were not present. The wetland and waterbody delineation report included with the 404/401 permit applications includes data specific to the jurisdiction of the permit under review. Please refer to figures within the permit application for relevant location information for the wetlands and waterbodies documented in the report. Specifically, Appendix E includes U.S. Geological Survey (USGS) 7.5-Minute Topographic maps and aerial photography maps of each wetlands and waterbody delineated during field surveys.


Clarksburg
ALLEGHENY MOUNTAINS
WEST VIRGINIA
Monongahela National Forest
Harrisonburg
Shenandoah National Park
Staunton
Charlottesville
VIRGINIA
George Washington National Forest
Jefferson National Forest
Lynchburg
Blacksburg
Roanoke
Danville
Winston-Salem
Greensboro
High Point
Durham
Raleigh
Statesville
Asheboro
Salisbury
Mooresville
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Kinston
New Bern
Croatan National Forest
Havelock
Jacksonville
Greenville
Rocky Mount
Winchester
MARYLAND
Germantown
Baltimore
Columbia
Washington
Annapolis
Dale City
Fredericksburg
California
Richmond
Hampton
Norfolk
Virginia Beach
COASTAL PLAIN
PIEDMONT
AP-1
AP-2
AP-3
AP-4
AP-5
0
50
100
150
200
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300
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ACP Mainline
ACP Lateral
ACP Compressor Station
Atlantic Coast Pipeline
Dominion
Atlantic Coast Pipeline Project
Figure 1.0-1
Project Overview Map
ERM
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2.0 METHODS

Field surveys for the proposed pipeline were conducted within a 300-foot-wide survey corridor and within a 50-foot-wide survey corridor for proposed access roads. The survey area was evaluated to determine the presence of water features including wetlands, waterbodies (streams and open waterbodies), non-tidal ditches, and seep points. Data were also collected to document a lack of water features where desktop data indicated water features may be present; these are referred to as non-water points.

Accessible tracts within the survey corridor were evaluated to determine the presence or absence of water features, including wetlands, waterbodies (streams and open waterbodies), seep points, and non-water points. Specific naming conventions were followed during field surveys in order to catalog each feature type collected. Tables 2-1 and 2-2 describe the unique naming conventions for these features.

TABLE 2-1

Atlantic Coast Pipeline
Wetland, Waterbody, Seep, and Non-Water Point Feature Naming Protocol

Water Feature Type	Polygon/ Line	County	Field Crew Letter	Feature Number	Special Designation
Wetland	w (wetland)	county code	crew letter (e.g., a, b, c)	001, 002, 003, …	f, e, s (PFO, PEM, PSS wetlands)
Waterbody	s (stream) o (open waterbody)	county code	crew letter (e.g., a, b, c)	001, 002, 003, …	p, i, e (change in stream morphology to perennial, intermittent, or ephemeral)
Non-tidal Ditch	d (ditch)	county code	crew letter (e.g., a, b, c)	001, 002, 003, …	Not applicable
Seep	p (seep)	county code	crew letter (e.g., a, b, c)	001, 002, 003, …	Not applicable
Non-Water Point	no (non-water)	county code	crew letter (e.g., a, b, c)	001, 002, 003, …	Not applicable

2.1 DESKTOP REVIEW

Several sources of information were used to complete a “desktop” review of survey areas for potential wetlands and waterbodies prior to conducting field surveys. Biologists utilized high resolution aerial photography, U.S. Fish and Wildlife Service National Wetlands Inventory (NWI) data, U.S. Department of Agriculture oil Survey Geographical Database, the USGS National Hydrography Dataset (NHD), and USGS Topographic Maps. The evaluation prior to field survey allowed crews to identify areas of high probability for wetlands or waterbodies in planning and preparation for field survey.

TABLE 2-2

Atlantic Coast Pipeline
Survey Corridor County Codes

Facility Type/State	County	County Code
MAINLINE PIPELINES		
AP-1		
West Virginia	Harrison	ha
	Lewis	le
	Upshur	up
	Randolph	ra
	Pocahontas	po
Virginia	Bath	ba
	Highland	hi
	Augusta	au
	Nelson	ne
	Buckingham	bu
	Cumberland	cu
	Prince Edward	pe
	Nottoway	no
	Dinwiddie	di
	Brunswick	br
	Greensville	gr
AP-2		
North Carolina	Northampton	nr
	Halifax	hl
	Nash	na
	Wilson	wi
	Johnston	jo
	Sampson	sa
	Cumberland	cm
	Robeson	ro
LATERAL PIPELINES		
AP-3		
Virginia	Southampton	so
	City of Suffolk	su
	City of Chesapeake	ch
North Carolina	Northampton	nr
AP-4		
Virginia	Brunswick	br
AP-5		
Virginia	Greensville	gr

2.2 FIELD SURVEY

Field surveys were initially completed between June 2014 and June 2015. The second series of field surveys were conducted from June 2015 to October 2016, and will continue until the wetland and waterbody surveys are complete on available land parcels along the proposed pipeline route. ERM worked along with D&D, ESI, and W&C on several occasions to support the progress of wetland and waterbody surveys along accessible tracts. For instance, ERM surveyed in West Virginia, in addition to Greensville, Brunswick, Southampton Counties, and

the Cities of Suffolk and Chesapeake in Virginia. D&D and ESI surveyed in North Carolina, while W&C surveyed in Brunswick County, Virginia. Wetland boundaries, waterbody thalweg or banks, data collection points, open waterbody boundaries, seep points, and non-water points were surveyed using a Trimble® 6000 series GeoXH model global positioning system (GPS) unit. The field data collection settings within the GPS units used available satellites to capture location data. Note that while the GPS data collected during survey provides reasonably accurate spatial information regarding the wetlands, open waterbodies, seep points, and non-water points delineated, typically one-meter accuracy with sufficient satellite reception, it does not constitute the same accuracy as a professional land survey. The GPS data will be displayed in World Geodetic System 1984 datum, which can be found in the corresponding feature tables and map set associated with this report. Data points are taken for all features, and polygons are created based on these points for wetlands and waterbodies.

2.2.1 Wetlands

The delineation of wetlands was conducted using the method described in the USACE 1987 Wetland Manual, along with either of the Regional Supplements. The wetland boundaries were delineated using the routine onsite determination method described in the Regional Supplements and utilizing *the National Wetland Plant List: 2014* (Lichvar et al., 2012; Federal Register, 2012) for determination of plant indicator status, and the *Classification of Wetlands and Deepwater Habitats of the United States* (Cowardin, 1979) to classify wetlands. According to the USACE 1987 Wetland Manual, three criteria or parameters are considered during a wetland delineation, and for a plant community to be considered a wetland it must have: a predominance of hydrophytic vegetation; indications of wetland hydrology; and the presence of hydric soils under normal circumstances (i.e., where naturally problematic conditions or disturbances are absent). Wetland data sheets were completed at sample points within each wetland community type (i.e., Cowardin classification) making up the wetland or wetland complex, along with a minimum of one corresponding upland community sample point.

2.2.1.1 Hydrophytic Vegetation

The 1987 Manual and National Wetland Plant List define the wetland indicator status of plants as follows:

- Obligate Wetland Plants: almost always occur in wetlands (estimated probability >99 percent) in wetlands under natural conditions. With few exceptions, these plants (herbaceous or woody) are found in standing water or seasonally saturated soils (14 or more consecutive days) near the surface. These plants are of four types: submerged, floating, floating-leaved, and emergent.

- Facultative Wetland Plants: usually occur in wetlands (estimated probability >67 percent to 99 percent), but may occur in non-wetlands. These plants predominantly occur with hydric soils, often in geomorphic settings where water saturates the soils or floods the soil surface at least seasonally.

- Facultative Plants: occur in wetlands and uplands (estimated probability 33 percent to 99 percent within wetlands). These plants can grow in hydric, mesic, or xeric habitats. The occurrence of these plants in different habitats

represents responses to a variety of environmental variables other than just hydrology, such as shade tolerance, soil pH and elevation. They have a wide tolerance of soil moisture conditions.

- Facultative Upland Plants: usually occur in uplands, but many occur in wetlands (estimated probability 1 percent to <33 percent in wetlands). These plants predominantly occur on drier or more mesic sites in geomorphic settings where water rarely saturates the soils or floods the soil surface seasonally.

- Upland Plants: almost never occur in wetlands (estimated probability <1 percent). These plants occupy mesic to xeric upland habitats. They almost never occur in standing water or saturated soils. Typical growth forms include herbaceous, shrubs, woody vines, and trees.

Dominant vegetation was assessed for each stratum present (tree, sapling/shrub, woody vine, and herbaceous) at sample point locations. In most cases, plant dominance was determined using the USACE "50/20 Rule" in which species from each stratum that individually or collectively make up more than 50 percent of the total cover in each stratum, in addition to other species that account for at least 20 percent of the total cover in the stratum are determined to be dominant species. The hydrophytic vegetation criterion is met when greater than 50 percent of the dominant plant species are classified as Obligate Wetland Plants, Facultative Wetland Plants, or Facultative Plants. Vegetation information was recorded on the appropriate USACE data forms.

2.2.1.2 Wetland Hydrology

Hydrology is influenced by many variables, including: seasonal and long-term rainfall patterns, local geology, topography, soil type, local water table conditions, and drainage. According to the 1987 Manual and Regional Supplements, wetland hydrology is present if 14 or more consecutive days of inundation or water saturation within 12 inches of the soil surface occur during the growing season at a minimum frequency of 5 years in 10.

Indicators of wetland hydrology provide evidence that a site has a persistent wetland hydrologic regime. The Regional Supplements both provide a list of hydrology indicators that include primary and secondary indicators, which are grouped as:

- Observation of Surface Water or Saturated Soils
- Evidence of Recent Inundation
- Evidence of Current and Recent Soil Saturation
- Evidence of Other Site Conditions or Data

One primary indicator or two secondary indicators are required to confirm that wetland hydrology is present or occurs at some time during the growing season. Field observations of hydrology were made at each vegetation community sample point. Examples of key indicators observed include presence of water above the ground surface, high water table within the hole dug for soil observations, saturated soil in the upper portion of the soil profile, water-stained leaves, drainage patterns as evidence of water presence, and the geomorphic position of the

vegetation community and sample point location. Hydrology information was recorded on the appropriate USACE data sheets.

2.2.1.3 Hydric Soils

The 1987 Manual defines hydric soils as soils that are saturated, flooded or ponded long enough during the growing season to develop anaerobic conditions in the upper part.

Hydric soils are characterized by specific morphological characteristics developed in the soil profile over time due to reduction of iron, manganese, and sulfur under saturated and anaerobic conditions (U.S. Department of Agriculture Natural Resource Conservation Service, 2010). The hydric soil indicators described in the Regional Supplements are a subset of hydric soil indicators described in *Field Indicators of Hydric Soils in the United States, Version 7.0 (2010)*. The *Munsell Book of Soil Color Charts (2014)* was utilized to determine soil matrix and mottle colors (redoximorphic features) as part of documenting profile descriptions. The soils were observed and documented at representative sample point locations in both wetland communities and adjacent upland communities to help establish the wetland boundary. Soil profile descriptions were recorded on the appropriate USACE data sheets.

2.2.1.4 Cowardin Classification

The Cowardin Classification was developed in 1979 to classify a variety of wetland habitats. The Cowardin Classification divides wetlands into five systems, including: Marine, Estuarine, Riverine, Lacustrine, and Palustrine. These represent the five major landscape settings. The classification system further divides wetland communities into systems and classes. The surveys were conducted in inland wetlands, and descriptions of the common Cowardin Classification community types are described in the bullets below.

- Palustrine System Emergent Wetland Class (PEM): A PEM wetland is defined as a non-tidal wetland characterized by erect, rooted, hydrophytic herbaceous species. These wetland habitats are often dominated by perennial plants, where the vegetation is present for the majority of the growing season (Cowardin, 1979).

- Palustrine Forested Wetland Class (PFO): A PFO wetland is defined as a non-tidal wetland characterized by dominant woody vegetation that is greater than 20 feet tall, with an understory of small trees and shrubs, as well as an herbaceous layer (Cowardin, 1979).

- Palustrine System Scrub-Shrub Wetland Class (PSS): A PSS wetland is defined as a non-tidal wetland consisting of woody vegetation that is less than 20 feet tall, including shrubs, young trees, and stunted trees or shrubs (Cowardin, 1979).

Each wetland delineated was assigned a Cowardin class. For wetland complexes, or wetlands that are comprised of more than one wetland plant community (i.e., Cowardin class) a sample point was established and observations recorded to document each community. Unique wetland IDs and separate polygons were established based on the wetland community present within the complex. The field crews in 2014, 2015, and 2016 collected wetland information for PEM, PFO, and PSS wetlands.

2.2.2 Waterbodies

Waterbodies documented during field survey were categorized as 1) linear or flowing waterbodies such as streams and rivers, and assigned a unique ID starting with an "s" or 2) non-flowing open waterbodies such as ponds and lakes which were assigned a unique ID starting with an "o". Linear or flowing waterbodies were identified as landscape features with a channel that include a bed and a bank in a concave landscape position where water flow has resulted in a feature that possesses an ordinary high water mark (OHWM). Based on evidence of flow regime at the time of survey linear waterbodies were attributed a flow regime, according to the definitions provided by the USACE for the Nationwide Permit Program in Code of Federal Regulations 33 Part 330 (Federal Register, 1993). Similarly non-flowing, open waterbody features were assigned a Cowardin hydrology regime based on observations recorded at the time of survey. Definitions of these flow regimes and hydrology regimes are included below.

2.2.2.1 Regime Classification

Water regime classification is defined by its flow duration. The following regime classifications are described below as defined by the Code of Federal Regulations 33 Part 330 ruling:

- Perennial Stream: A perennial stream has flowing water year round during a typical year. The water table is located above the stream bed for most of the year, and groundwater is the primary source of water for stream flow. Runoff from rainfall is a supplemental source of water for stream flow.

- Intermittent Stream: An intermittent stream has flowing water during most times of the year, when groundwater provides water for stream flow. During dry periods, intermittent streams may not have flowing water, and runoff from rainfall is a supplemental source of water for stream flow.

- Ephemeral Stream: An ephemeral stream has flowing water during a short duration after precipitation events. Ephemeral stream beds are located above the water table year round; therefore, groundwater is not a source of water for the stream. Runoff from rainfall is the primary source of water for stream flow.

Non-flowing or open waterbodies were documented based on the evidence of inundation/saturation at the time of surveys, utilizing one of four categories based on the U.S. Fish and Wildlife Service's *Classification of Wetlands and Deepwater Habitats of the United States* (Cowardin, 1979) including the following:

- Non-flowing: Water covers the land surface throughout the year in all years.

- Semi-Non-flowing: Surface water persists throughout the growing season in most years. When surface water is absent, the water table is usually at or very near the land surface.

- Seasonally flooded: Surface water is present for extended periods especially early in the growing season, but is absent by the end of the season in most years. When surface water is absent, the water table is often near the land surface.

- Temporarily flooded: Surface water is present for brief periods during the growing season, but the water table usually lies well below the soil surface for most of the season.

2.2.3 Non-tidal Ditches

Non-tidal ditches were documented primarily within Virginia, specifically in the coastal plain where these features are more common. Field crews documented ditches that had an OHWM, bed and bank, and/or were connected to waters of the United States. Additionally, the ditches documented by the field review contained one or more of the following characteristics, in accordance with Draft Guidance provided by the Environmental Protection Agency (2015):

- standing or flowing water;
- a link to two or more waters of the United States;
- drain wetlands or waterbodies that can be linked to waters of the United States;
- excavated within waters of the United States; and
- a relocated, channelized, and/or straightened tributary.

Ditches that exhibited wetland characteristics were classified as wetlands if they met the criteria specified in the Manual or applicable Regional Supplement.

2.2.4 Seep Points

Seep points are defined as small areas where groundwater saturates the soil surface on steep slopes or along sidehill cuts or banks. Seeps do not meet the definition of either a waterbody, due to lack of OHWM, top of bank, or a wetland due to the absence of the three wetland parameters (hydrology, vegetation, soils). One example of where a seep point would likely be located would be a road cut. Seep points were reviewed and documented on a case-by-case basis by wetland biologists. Where seep points were observed a GPS data point was taken along with corresponding photos of the area.

2.2.5 Non-Water Points

Non-water points were collected to document areas mapped as NWI polygons or NHD lines that did not meet the required criteria of wetlands or waterbodies (i.e., upland habitat). Observations were recorded, photographs were taken, and a GPS point was recorded at each non-water point to document that wetland biologists visited the point and determined that a wetland or waterbody was not present. USACE wetland delineation forms were used to record information for non-water points located within NWI wetlands polygons. Documentation of non-water points provides a record to demonstrate that areas mapped as NWI and NHD, or areas with an aerial photography signature indicative of wetland conditions, which from a desktop may be assumed to be aquatic, were visited by wetland biologists and determined to lack the requisite indicators of a wetland or waterbody.

3.0 RESULTS AND FINDINGS

Field surveys were initially completed between June 2014 and June 2015. The second series of field surveys were conducted from June 2015 to October 2016, and will continue until the wetland and waterbody surveys are complete on available land parcels along the proposed pipeline route. The following sections present the results, including wetlands, waterbodies, seep points, and non-water points that were documented on accessible tracts within the ACP survey corridor. Appendix E identifies the tracts where surveys have been completed.

3.1 WETLANDS

A total of 557 wetlands have been documented within the survey corridor along the proposed pipeline route in the USACE Wilmington District in North Carolina during the field season. Table 3.1-1 identifies the state, county, approximate milepost, unique project wetland ID, Cowardin classification, latitude, and longitude of the wetlands delineated to date. Datasheets and photo pages for each wetland and upland sample point are provided in Appendix A.

3.2 WATERBODIES

A total of 384 waterbodies have been documented within the survey corridor along the proposed pipeline route in the USACE Wilmington District in North Carolina during the field season. Table 3.2-1 identifies the state, county, approximate milepost, unique project waterbody ID, USGS waterbody name, hydrologic regime, field estimated OHWM width (feet), and field estimated bank-to-bank width (feet), latitude, and longitude of the waterbodies delineated to date. Datasheets and photo pages for each waterbody sample point are provided in Appendix B.

3.3 SEEP POINTS

A total of 2 seep points (PHLF001 at MP 14.0 and PJOE001 at MP 83.0) were documented within the survey corridor along the proposed pipeline route in the USACE Wilmington District in North Carolina during the field season. Datasheets and photo pages for each seep sampling point are provided in Appendix C.

3.4 NON-WATER POINTS

A total of 107 non-water points were documented within the survey corridor along the proposed pipeline route in North Carolina during the field season. These areas were documented as upland habitat, although present on NWI maps, or as NHD waterbodies, or aerial photography signatures indicative of a wetland or waterbody. Photographs for the mapped NWI, NHD features, and aerial signatures that were documented as non-water points are provided in Appendix D. In addition, for NWI wetland areas determined to be upland, an appropriate USACE wetland data sheet was recorded and is also included in Appendix D. Table 3.5-1 identifies the state, county, approximate milepost, unique project non-water point ID, non-water point type (e.g., NWI, NHD, and aerial photography signature), latitude, and longitude. Datasheets and photo pages for each non-water sample point associated with NWI polygons, as well as photo pages for non-water sample points from NHD and aerial photography are provided in Appendix D.

TABLE 3.1-1

Atlantic Coast Pipeline
Surveyed Wetlands

Facility/State/County/ Approximate Milepost	Unique ID	Cowardin Classification	Latitude	Longitude
MAINLINE PIPELINE				
AP-2				
NORTH CAROLINA				
Northampton				
0.3	wnra002f	PFO	36.540067	-77.510443
0.7	wnra001f	PFO	36.534861	-77.512952
1.0	wnrh011f	PFO	36.531182	-77.514769
1.2	wnrh010f	PFO	36.527973	-77.516993
1.4	wnrh009f	PFO	36.525050	-77.518543
1.6	wnrh008f	PFO	36.522687	-77.519879
1.8	wnrh007f	PFO	36.520036	-77.521921
3.1	wnro001f	PFO	36.503258	-77.526445
3.4	wnrh012f	PFO	36.500620	-77.530622
3.5	wnrg001e	PEM	36.498742	-77.531044
3.6	wnrg002f	PFO	36.496431	-77.532110
3.8	wnrg003f	PFO	36.494652	-77.532508
4.0	wnrh015f	PFO	36.491419	-77.534498
5.1	wnrp023f	PFO	36.484920	-77.549707
5.1	wnrp023e	PEM	36.484316	-77.549444
6.6	wnrp019f	PFO	36.465670	-77.551734
8.0	wnrg005f	PFO	36.444878	-77.549673
8.4	wnrg006f	PFO	36.438845	-77.552087
9.6	wnrh005f	PFO	36.423603	-77.558161
Halifax				
9.9	whlh001f	PFO	36.419078	-77.561441
10.1	whlh002f	PFO	36.416475	-77.563111
10.7	whlh003f	PFO	36.409048	-77.568772
11.4	whlc002f	PFO	36.403450	-77.577085
11.6	whlc003e	PEM	36.402540	-77.582125
11.7	whlc004e	PEM	36.402324	-77.583477
11.8	whlc005f	PFO	36.401337	-77.584439
11.9	whlc006f	PFO	36.400214	-77.584186
12.8	whlc001f	PFO	36.388252	-77.588150
12.8	whlh037f	PFO	36.387745	-77.588248
12.9	whlg001f	PFO	36.387264	-77.588619
13.6	whlf001e	PEM	36.376984	-77.592281
13.6	whlf002s	PSS	36.377057	-77.593701
13.6	whlf003f	PFO	36.377008	-77.594131
13.9	whlf004s	PSS	36.374923	-77.599431
14.0	whlf005s	PSS	36.374094	-77.599971
14.0	whlf006s	PSS	36.373895	-77.600827
14.4	whlp001f	PFO	36.370699	-77.606971
15.3	whlf007f	PFO	36.361813	-77.620343
15.5	whlf008f	PEM	36.359308	-77.621159
15.7	whlf009f	PFO	36.356455	-77.622101

TABLE 3.1-1 (cont'd)

Atlantic Coast Pipeline
Surveyed Wetlands

Facility/State/County/ Approximate Milepost	Unique ID	Cowardin Classification	Latitude	Longitude
15.8	whlg005f	PFO	36.353918	-77.623352
17.3	whlg008f	PFO	36.339112	-77.637460
17.8	whlg009f	PFO	36.333310	-77.642329
18.2	whlb050e	PEM	36.328442	-77.645298
19.2	whlh010f	PFO	36.314789	-77.652984
19.6	whlg020f	PFO	36.308001	-77.651992
19.7	whlh009f	PFO	36.306541	-77.661148
20.4	whlh008f	PFO	36.300991	-77.664981
20.6	whlg012e	PEM	36.298243	-77.664092
20.7	whlg012f	PFO	36.296755	-77.664932
21.0	whlh032s	PSS	36.293966	-77.668140
21.5	whlh032f	PFO	36.288015	-77.672867
21.6	whlh031f	PFO	36.286683	-77.674020
21.9	whlh030f	PFO	36.283305	-77.676906
22.0	whlb103f	PFO	36.281238	-77.678537
22.2	whlh027e	PEM	36.279926	-77.679670
22.3	whlh027f	PFO	36.279765	-77.680208
22.7	whlh028f	PFO	36.273496	-77.684701
23.0	whlh029f	PFO	36.269075	-77.688544
23.5	whlg019f	PFO	36.263442	-77.693702
23.8	whlg018f	PFO	36.258462	-77.698473
24.2	whlg017s	PSS	36.254160	-77.702331
24.5	whlg016f	PFO	36.252856	-77.704821
24.6	whlh035e	PEM	36.252369	-77.706785
24.7	whlg015f	PFO	36.249832	-77.706354
24.9	whlb100f2	PFO	36.247424	-77.708691
25.0	whlb100f1	PFO	36.246571	-77.708903
25.2	whlg014f	PFO	36.244631	-77.711562
25.3	whlg013f	PFO	36.241743	-77.713882
25.8	whlh012f	PFO	36.236323	-77.717432
26.0	whlh013f	PFO	36.234628	-77.718218
26.3	whlh014f	PFO	36.229661	-77.723158
27.2	whlh015f	PFO	36.219652	-77.733180
27.7	whlh016f	PFO	36.215796	-77.738346
29.0	whlh017f	PFO	36.208677	-77.756577
29.0	whlg021e	PEM	36.211731	-77.757381
29.1	whlh018f	PFO	36.207177	-77.757866
29.3	whlh019f	PFO	36.203558	-77.759207
29.7	whlh020f	PFO	36.198099	-77.761151
30.2	whlh024f	PFO	36.192061	-77.763124
30.5	whlh025f	PFO	36.188136	-77.765513
30.9	whlh026f	PFO	36.182606	-77.770306
31.2	whlo001f	PFO	36.179821	-77.773135
31.6	whlh021s	PSS	36.174662	-77.775050
31.7	whlh022f	PFO	36.172853	-77.775751
32.0	whlh023e	PEM	36.169018	-77.777774
33.3	whlg010f	PFO	36.153020	-77.789924
33.5	whlh034f	PFO	36.152281	-77.795575
33.7	whlg011f	PFO	36.147358	-77.793678

TABLE 3.1-1 (cont'd)

Atlantic Coast Pipeline
Surveyed Wetlands

Facility/State/County/ Approximate Milepost	Unique ID	Cowardin Classification	Latitude	Longitude
Nash				
34.2	wnah039e	PEM	36.141573	-77.797177
34.5	wnah038s	PSS	36.138517	-77.799320
34.8	wnag001f	PFO	36.134914	-77.802640
34.9	wnag002f	PFO	36.132710	-77.804300
35.1	wnag003f	PFO	36.131642	-77.805470
35.1	wnah017f	PFO	36.130357	-77.806778
36.0	wnah016f	PFO	36.119724	-77.814338
36.5	wnah015f	PFO	36.112924	-77.819031
36.7	wnah014f	PFO	36.110609	-77.820756
36.8	wnao015f	PFO	36.109535	-77.818766
37.0	wnah019f	PFO	36.107661	-77.822911
37.0	wnah019e	PEM	36.106895	-77.823694
37.8	wnah036f	PFO	36.100548	-77.833142
37.9	wnah018f	PFO	36.099496	-77.834255
37.9	wnah018s	PSS	36.099617	-77.834780
38.1	wnah006f	PFO	36.097846	-77.838067
38.3	wnah005f	PFO	36.094954	-77.840512
38.4	wnab102s	PSS	36.093982	-77.841355
38.5	wnah004f	PFO	36.092839	-77.841822
38.7	wnab101f	PFO	36.090118	-77.845007
38.9	wnah003f	PFO	36.088687	-77.846471
39.1	wnah002f	PFO	36.085640	-77.849100
39.2	wnah001f	PFO	36.083691	-77.851333
39.7	wnab100f	PFO	36.080009	-77.856245
39.9	wnah008f	PFO	36.077243	-77.858103
40.1	wnah007f	PFO	36.075479	-77.860239
40.6	wnab001f	PFO	36.070549	-77.866108
40.9	wnah013f	PFO	36.068776	-77.870060
41.0	wnah012f	PFO	36.066459	-77.871558
41.6	wnah011f	PFO	36.059922	-77.875919
41.7	wnah010f	PFO	36.058275	-77.876909
41.8	wnah009f	PFO	36.057004	-77.877933
42.0	wnah034f	PFO	36.054463	-77.879601
42.8	wnac002f	PFO	36.045475	-77.887181
43.0	wnac001f	PFO	36.042789	-77.884335
43.6	wnac003f	PFO	36.039369	-77.873305
44.0	wnac004f	PFO	36.035498	-77.874227
44.4	wnac005s	PSS	36.030898	-77.877055
44.4	wnac005f	PFO	36.030596	-77.877265
44.7	wnag012f	PFO	36.027121	-77.881799
45.4	wnac006f	PFO	36.022356	-77.890740
45.6	wnab103f	PFO	36.021655	-77.894991
47.2	wnah021f	PFO	36.005309	-77.909949
47.6	wnah022f	PFO	35.999904	-77.911485
48.1	wnah022e	PEM	35.993079	-77.908829
48.4	wnah023f	PFO	35.987442	-77.908952
48.7	wnah023e	PEM	35.985474	-77.910048
48.9	wnah024f	PFO	35.981927	-77.913175

TABLE 3.1-1 (cont'd)

Atlantic Coast Pipeline
Surveyed Wetlands

Facility/State/County/ Approximate Milepost	Unique ID	Cowardin Classification	Latitude	Longitude
50.3	wnag006f	PFO	35.967582	-77.921921
50.7	wnag005f	PFO	35.965301	-77.929637
50.8	wnag004f	PFO	35.964278	-77.929937
51.5	wnag008f	PFO	35.959260	-77.939951
52.0	wnag007f	PFO	35.953520	-77.945507
53.1	wnag011f	PFO	35.942429	-77.964475
53.3	wnah030e	PEM	35.938323	-77.958557
53.5	wnah029f	PFO	35.935461	-77.960314
53.7	wnah028f	PFO	35.930167	-77.963675
54.3	wnah027f	PFO	35.924811	-77.967010
54.9	wnah026f	PFO	35.918960	-77.972660
55.7	wnah032f	PFO	35.911350	-77.984148
55.9	wnah033f	PFO	35.908530	-77.986082
56.2	wnah031f	PFO	35.904547	-77.988907
56.8	wnah025f	PFO	35.895809	-77.994180
57.7	wnag010f	PFO	35.885245	-77.997045
57.9	wnao012f	PFO	35.879782	-77.997273
58.8	wnap004f	PFO	35.869403	-77.998524
59.1	wnap003f	PFO	35.866163	-78.000671
59.3	wnap002f	PFO	35.862607	-78.003146
59.4	wnap001f	PFO	35.862432	-78.003896
59.8	wnao011f	PFO	35.857767	-78.007081
60.6	wnao010f	PFO	35.844469	-78.016558
61.2	wnao009f	PFO	35.838400	-78.018634
61.3	wnap006f	PFO	35.838057	-78.019372
61.8	wnao008f	PFO	35.832063	-78.023878
62.1	wnao007f	PFO	35.828309	-78.027290
62.3	wnao006f	PFO	35.824778	-78.029603
62.6	wnao005f	PFO	35.820500	-78.031321
62.8	wnao004f	PFO	35.818937	-78.032682
63.3	wnao003f	PFO	35.813355	-78.037515
64.6	wnao002f	PFO	35.794321	-78.048758
65.3	wnao001f	PFO	35.788017	-78.052920
Wilson				
66.0	wwio021f	PFO	35.778750	-78.055603
66.0	wwio019f	PFO	35.778249	-78.054859
66.2	wwio020f	PFO	35.776357	-78.053534
66.5	wwio018f	PFO	35.772424	-78.052823
66.6	wwio017f	PFO	35.769081	-78.054058
67.7	wwio001s	PSS	35.755698	-78.052872
67.8	wwio001f	PFO	35.755527	-78.053366
68.0	wwio002f	PFO	35.753612	-78.056562
68.3	wwio003f	PFO	35.752622	-78.061746
69.1	wwio004e	PEM	35.744886	-78.072320
69.1	wwio004f	PFO	35.745265	-78.072055
69.3	wwio005f	PFO	35.744050	-78.074782
69.6	wwio006f	PFO	35.739041	-78.078553
69.9	wwio007f	PFO	35.735870	-78.079627
70.3	wwio009f	PFO	35.731712	-78.084408

TABLE 3.1-1 (cont'd)

Atlantic Coast Pipeline
Surveyed Wetlands

Facility/State/County/ Approximate Milepost	Unique ID	Cowardin Classification	Latitude	Longitude
70.5	wwip020f	PFO	35.729473	-78.085785
70.5	wwio008f	PFO	35.729656	-78.085173
70.5	wwio010f	PFO	35.728860	-78.085979
70.7	wwio011f	PFO	35.726186	-78.086020
70.9	wwio012f	PFO	35.723471	-78.086605
71.3	wwio013f	PFO	35.716742	-78.088909
71.6	wwip001f	PFO	35.713471	-78.090440
72.3	wwic002f	PFO	35.706795	-78.097395
72.5	wwic001f	PFO	35.703754	-78.098145
72.9	wwic003f	PFO	35.697486	-78.098544
73.1	wwib101f	PFO	35.696171	-78.099168
73.5	wwib100f	PFO	35.692040	-78.101838
73.8	wwic004f	PFO	35.690670	-78.107274
73.8	wwip018f	PFO	35.690057	-78.106488
73.9	wwip017f	PFO	35.688905	-78.106601
74.0	wwip016f	PFO	35.686285	-78.107717
74.3	wwip015f	PFO	35.683982	-78.110972
74.5	wwip004f	PFO	35.681650	-78.113470
74.8	wwip006f	PFO	35.677540	-78.115103
75.1	wwip007f	PFO	35.673046	-78.116894
75.2	wwip008f	PFO	35.672003	-78.117138
75.2	wwia001f	PFO	35.672216	-78.117716
75.6	wwip019f	PFO	35.665072	-78.119553
76.0	wwip013f	PFO	35.658572	-78.127886
76.8	wwip013e	PEM	35.653407	-78.131239
76.9	wwip014f	PFO	35.652456	-78.132272
77.0	wwio016f	PFO	35.650784	-78.133725
77.3	wwio015f	PFO	35.648166	-78.136561
77.4	wwio014s	PSS	35.646464	-78.138797
77.5	wwio014f	PFO	35.645006	-78.139743
Johnston				
77.9	wjoo003f	PFO	35.639104	-78.145841
78.5	wjoo002f	PFO	35.633984	-78.150976
78.8	wjoo001e	PEM	35.631798	-78.153494
79.0	wjob109f	PFO	35.629014	-78.155247
79.3	wjoo039f	PFO	35.626426	-78.159151
79.3	wjob110f	PFO	35.625577	-78.159264
79.4	wjob111s	PSS	35.624687	-78.161489
79.5	wjob111f	PFO	35.623898	-78.162097
79.7	wjob106f	PFO	35.623117	-78.164839
79.8	wjob105f	PFO	35.621761	-78.167125
79.9	wjob105e	PEM	35.621549	-78.168092
80.1	wjoo004f	PFO	35.618712	-78.171624
80.4	wjop022f	PFO	35.615765	-78.174322
80.6	wjop020f	PFO	35.612350	-78.176903
81.0	wjop021f	PFO	35.607997	-78.179585
81.4	wjoo009f	PFO	35.607037	-78.185392
81.5	wjoo010e	PEM	35.606388	-78.186363
81.9	wjop004f	PFO	35.600158	-78.190004

TABLE 3.1-1 (cont'd)

Atlantic Coast Pipeline
Surveyed Wetlands

Facility/State/County/ Approximate Milepost	Unique ID	Cowardin Classification	Latitude	Longitude
82.4	wjoe001f	PFO	35.596349	-78.195188
82.6	wjoe002f	PFO	35.593402	-78.198017
82.9	wjoe003f	PFO	35.591439	-78.201907
83.2	wjoe004f	PFO	35.588955	-78.204819
83.7	wjop017f	PFO	35.585674	-78.212465
84.2	wjop001f	PFO	35.579277	-78.214259
84.5	wjop002f	PFO	35.575969	-78.217213
85.0	wjoo011f	PFO	35.575789	-78.228277
85.3	wjop003f	PFO	35.575624	-78.231746
85.6	wjoo012f	PFO	35.572087	-78.233158
85.9	wjoo013f	PFO	35.570549	-78.237276
86.1	wjoo014s	PSS	35.570058	-78.241436
86.3	wjoo015f	PFO	35.569968	-78.243894
86.4	wjoo016f	PFO	35.568142	-78.246156
87.0	wjoo017f	PFO	35.561997	-78.249994
87.2	wjoo018f	PFO	35.558695	-78.250532
87.3	wjoo019f	PFO	35.556674	-78.250007
87.3	wjoo020f	PFO	35.556580	-78.250565
87.6	wjoo021f	PFO	35.546696	-78.250409
89.6	wjop005f	PFO	35.526484	-78.251087
89.7	wjop006f	PFO	35.525928	-78.252672
89.8	wjop007f	PFO	35.525378	-78.254406
90.0	wjop027f	PFO	35.524577	-78.258809
90.3	wjop026e	PEM	35.523765	-78.262528
90.4	wjop008e	PEM	35.522204	-78.263785
90.6	wjop009f	PFO	35.521318	-78.267718
90.9	wjop028s	PSS	35.520421	-78.272163
91.0	wjop011s	PSS	35.520246	-78.273672
91.0	wjop011e	PEM	35.519923	-78.274071
91.1	wjop011f	PFO	35.519253	-78.274470
91.2	wjop011f1	PFO	35.518214	-78.274773
91.8	wjop012f	PFO	35.509259	-78.278031
92.1	wjop013f	PFO	35.505964	-78.280772
92.6	wjop031f	PFO	35.507604	-78.290989
93.0	wjop039f	PFO	35.503335	-78.291347
93.1	wjop038f	PFO	35.500721	-78.291983
93.3	wjop019f	PFO	35.497691	-78.293435
94.0	wjoa020f	PFO	35.488647	-78.299342
94.7	wjoo029f	PFO	35.479732	-78.303946
95.1	wjoa019f	PFO	35.475042	-78.305672
95.9	wjob108f	PFO	35.463333	-78.311904
96.1	wjob107f	PFO	35.461978	-78.313682
96.4	wjob115f	PFO	35.475472	-78.334723
96.9	wjoo033f	PFO	35.453595	-78.322448
97.1	wjoo032f	PFO	35.450108	-78.320360
97.1	wjoo031f	PFO	35.447290	-78.318222
97.4	wjoo030f	PFO	35.442340	-78.316420
97.6	wjoo034f	PFO	35.440364	-78.318641
97.7	wjoo035f	PFO	35.438498	-78.321336

TABLE 3.1-1 (cont'd)

Atlantic Coast Pipeline
Surveyed Wetlands

Facility/State/County/ Approximate Milepost	Unique ID	Cowardin Classification	Latitude	Longitude
97.7	wjop036f	PFO	35.440782	-78.323911
98.2	wjop035f	PFO	35.437020	-78.331072
98.3	wjop034f	PFO	35.435244	-78.332892
98.3	wjoo036f	PFO	35.435137	-78.332941
98.4	wjop032f	PFO	35.434300	-78.334476
98.4	wjop032e	PEM	35.434276	-78.334509
98.4	wjob112f	PFO	35.435042	-78.335865
98.5	wjob112s	PSS	35.435374	-78.336597
98.6	wjoa013s	PSS	35.434760	-78.339715
98.7	wjoa013f	PFO	35.432064	-78.339201
98.8	wjoo040f	PFO	35.431495	-78.340556
98.8	wjoo041f	PFO	35.431686	-78.341099
98.9	wjoo042f	PFO	35.430562	-78.343263
99.0	wjoo044f	PFO	35.430171	-78.343643
99.0	wjoo043f	PFO	35.430175	-78.343752
99.8	wjoa021f	PFO	35.419199	-78.350463
99.9	wjoa021s	PSS	35.418042	-78.351539
100.5	wjob113e	PEM	35.411500	-78.356071
100.5	wjob113f	PFO	35.409530	-78.357697
101.2	wjoa012f	PFO	35.403348	-78.365237
101.5	wjoa011f	PFO	35.400521	-78.366195
101.7	wjoa010f	PFO	35.395715	-78.367811
102.2	wjoa009f	PFO	35.390392	-78.369893
102.8	wjoa008f	PFO	35.384917	-78.376634
103.9	wjoa007f	PFO	35.370585	-78.380229
104.4	wjoa006f	PFO	35.363663	-78.382022
105.0	wjoa005f	PFO	35.356704	-78.387895
106.3	wjob104f	PFO	35.344798	-78.401874
106.3	wjob103s	PSS	35.344806	-78.402904
106.3	wjoa004e	PEM	35.344075	-78.402521
106.5	wjoa003f	PFO	35.342273	-78.404253
107.5	wjoa002f	PFO	35.328883	-78.414884
108.1	wjob100f	PFO	35.323585	-78.420615
108.9	wjoa001f	PFO	35.315256	-78.430799
109.8	wjop023f	PFO	35.305100	-78.438761
110.0	wjop024f	PFO	35.302788	-78.444200
110.5	wjop029f	PFO	35.302106	-78.451036
111.4	wjoo026f	PFO	35.301478	-78.463543
112.6	wjop025f	PFO	35.302912	-78.484410
113.1	wjoo027f	PFO	35.303018	-78.495589
114.0	wjoq001f	PFO	35.300684	-78.508131
114.1	wjoq002f	PFO	35.300497	-78.511673
114.5	wjoo023e	PEM	35.300381	-78.517431
114.5	wjoo023f	PFO	35.299769	-78.518494
114.6	wjoo022f	PFO	35.298973	-78.520465
Sampson				
116.7	wsao002f	PFO	35.281938	-78.548984
116.9	wsao001f	PFO	35.279953	-78.550481
117.2	wsap002f	PFO	35.277552	-78.553231

TABLE 3.1-1 (cont'd)

Atlantic Coast Pipeline
Surveyed Wetlands

Facility/State/County/ Approximate Milepost	Unique ID	Cowardin Classification	Latitude	Longitude
117.9	wsap003f	PFO	35.268732	-78.558992
118.3	wsao010f	PFO	35.260618	-78.560932
118.7	wsao011f	PFO	35.257256	-78.562439
118.8	wsao007e	PEM	35.255951	-78.563821
118.9	wsao007f	PFO	35.255540	-78.565386
119.4	wsao008f	PFO	35.251663	-78.570389
119.6	wsao009f	PFO	35.249156	-78.575070
120.4	wsao003s	PSS	35.243900	-78.585831
120.9	wsao004e	PEM	35.239415	-78.592894
121.1	wsao005e	PEM	35.238800	-78.595913
121.8	wsao006f	PFO	35.231756	-78.604207
Cumberland				
122.7	wcmo011s[a]	PSS	35.227216	-78.617762
123.0	wcmo015s	PSS	35.225457	-78.624278
123.1	wcmo015e	PEM	35.225474	-78.625445
124.7	wcmo011f	PFO	35.214357	-78.650264
125.4	wcmc006s	PSS	35.214805	-78.662450
125.6	wcmc005f	PFO	35.213905	-78.664213
126.0	wcmp006f	PFO	35.208933	-78.669444
126.3	wcmp007f	PFO	35.206835	-78.672353
126.8	wcmp008f	PFO	35.200898	-78.677506
126.8	wcmp009f	PFO	35.200820	-78.678201
127.2	wcmp010f	PFO	35.195118	-78.682081
127.5	wcmp011f	PFO	35.193307	-78.685373
128.4	wcmp017f	PFO	35.194605	-78.699427
128.8	wcmp016f	PFO	35.190239	-78.702906
129.0	wcmp015f	PFO	35.188105	-78.704562
129.4	wcmc002f	PFO	35.183223	-78.710018
129.5	wcmp050f	PFO	35.182143	-78.711369
129.6	wcmc003s	PSS	35.181759	-78.711501
129.6	wcmc003f	PFO	35.182240	-78.712642
129.7	wcmc003e	PEM	35.181507	-78.713494
130.1	wcmc007f	PFO	35.179244	-78.719839
130.5	wcmp005f	PFO	35.175820	-78.726261
130.6	wcmp004f	PFO	35.174509	-78.727932
130.9	wcmp003f	PFO	35.172023	-78.731930
131.8	wcmb103f	PFO	35.167395	-78.747613
132.3	wcmb102f	PFO	35.163557	-78.751002
132.4	wcmb102e	PEM	35.163260	-78.751097
133.1	wcmo009f	PFO	35.155875	-78.758858
133.9	wcmp039e	PEM	35.145034	-78.752743
133.9	wcmp039f	PFO	35.144885	-78.753156
136.7	wcmq001e	PEM	35.111503	-78.729077
136.7	wcmq001f	PFO	35.111118	-78.728624
137.5	wcmp048e	PEM	35.098960	-78.730527
137.5	wcmp048f	PFO	35.099184	-78.729999
138.0	wcmp051e	PEM	35.092805	-78.731259
138.0	wcmp051f	PFO	35.092980	-78.731788
138.7	wcmo036f	PFO	35.081272	-78.733365

TABLE 3.1-1 (cont'd)

Atlantic Coast Pipeline
Surveyed Wetlands

Facility/State/County/ Approximate Milepost	Unique ID	Cowardin Classification	Latitude	Longitude
138.7	wcmo036e	PEM	35.081181	-78.733035
139.0	wcmf002f	PFO	35.071804	-78.734431
139.3	wcmf002e	PEM	35.072256	-78.733876
139.8	wcmf003e	PEM	35.063736	-78.734900
139.9	wcmf003f	PFO	35.062880	-78.735512
140.2	wcmf004e	PEM	35.060083	-78.735346
140.3	wcmf001e	PEM	35.057002	-78.735497
140.4	wcmf001f	PFO	35.054287	-78.736519
140.7	wcmf005e	PEM	35.045053	-78.736912
140.7	wcmf005f1	PFO	35.049300	-78.735904
141.0	wcmf005f2	PFO	35.044550	-78.736473
141.3	wcmf005f	PFO	35.039650	-78.737056
141.7	wcuc051e	PEM	35.042489	-78.821959
141.8	wcmr003f	PFO	35.034513	-78.737651
141.9	wcmr003e	PEM	35.033143	-78.738316
142.3	wcmo027f	PFO	35.026838	-78.738439
142.3	wcmo027e	PEM	35.027037	-78.738881
142.4	wcmo030f	PFO	35.025718	-78.738507
142.4	wcmo028f	PFO	35.024702	-78.738809
142.4	wcmo028e	PEM	35.025170	-78.739234
142.9	wcmo029f	PFO	35.016242	-78.739783
143.0	wcmo029e	PEM	35.016668	-78.740248
143.3	wcmf010e	PEM	35.011939	-78.740725
143.5	wcmf011e	PEM	35.008480	-78.741232
143.6	wcmf009e	PEM	35.007344	-78.741444
143.6	wcmf009f	PFO	35.005894	-78.741064
143.8	wcmr006f	PFO	35.003055	-78.741340
143.9	wcmr006e	PEM	35.002900	-78.741885
144.0	wcmf008f	PFO	35.000371	-78.741655
144.2	wcmf008e	PEM	34.997629	-78.742499
145.0	wcmf007e	PEM	34.985856	-78.742091
145.0	wcmf006f	PFO	34.977527	-78.740558
145.5	wcmf006e	PEM	34.977902	-78.741095
146.2	wcmp040f	PFO	34.967036	-78.739202
146.5	wcmo034e	PEM	34.962573	-78.739470
147.5	wcmr005f	PFO	34.946173	-78.737239
147.5	wcmr005e	PEM	34.946091	-78.737739
147.6	wcmr004e	PEM	34.944706	-78.737663
147.8	wcmo026f	PFO	34.941269	-78.737421
147.9	wcmo026e	PEM	34.941366	-78.737925
148.3	wcmo031f	PFO	34.935149	-78.741821
148.3	wcmo031e	PEM	34.935081	-78.742119
148.7	wcmo024f	PFO	34.924206	-78.749112
149.1	wcmo024e	PEM	34.924541	-78.749474
149.5	wcmo032f	PFO	34.917413	-78.753748
149.6	wcmo032e	PEM	34.917539	-78.754222
152.8	wcmr002f	PFO	34.878265	-78.791159
152.9	wcmr002e	PEM	34.878614	-78.791172
153.0	wcmr001f	PFO	34.877577	-78.794118

TABLE 3.1-1 (cont'd)

Atlantic Coast Pipeline
Surveyed Wetlands

Facility/State/County/ Approximate Milepost	Unique ID	Cowardin Classification	Latitude	Longitude
153.0	wcmr001e	PEM	34.877992	-78.793989
153.3	wcmp045s	PSS	34.878837	-78.798664
153.4	wcmp044e	PEM	34.878751	-78.801004
153.4	wcmp043s	PSS	34.878967	-78.801023
153.5	wcmp046f	PFO	34.879382	-78.802092
154.0	wcmp042f	PFO	34.880490	-78.811406
154.0	wcmp042e	PEM	34.880229	-78.811448
154.0	wcmp041e	PEM	34.879957	-78.811525
154.1	wcmo035f	PFO	34.880808	-78.814563
154.3	wcmo022e	PEM	34.880533	-78.818392
154.4	wcmo022f	PFO	34.880778	-78.818708
154.4	wcmo023f	PFO	34.880475	-78.819435
154.8	wcmo021e	PEM	34.878881	-78.826028
154.8	wcmo021f	PFO	34.878459	-78.826137
154.9	wcmo020e	PEM	34.878622	-78.827483
154.9	wcmo020f	PFO	34.878268	-78.827558
155.2	wcmo033f	PFO	34.876987	-78.834851
155.2	wcmo033e	PEM	34.877530	-78.834245
156.4	wcmo025s	PSS	34.874007	-78.855504
156.4	wcmo025f	PFO	34.874411	-78.855570
156.7	wcmp049f	PFO	34.873352	-78.862116
156.8	wcmp049s	PSS	34.872914	-78.862226
157.3	wcmp047f	PFO	34.871463	-78.872166
157.3	wcmp047s	PSS	34.871153	-78.872050
158.3	wcmh004f	PFO	34.864664	-78.891022
158.5	wcmh004s	PSS	34.865084	-78.891086
158.9	wcmh003f	PFO	34.862372	-78.897233
159.1	wcmh002s	PSS	34.861053	-78.900040
159.1	wcmh002f	PFO	34.861374	-78.901250
159.6	wcmh008s	PSS	34.861374	-78.909701
159.7	wcmh008f	PFO	34.860624	-78.910945
Robeson				
160.5	wroo002f	PFO	34.852246	-78.918591
160.5	wroo002e	PEM	34.851906	-78.918737
161.1	wroo001f	PFO	34.843889	-78.925190
162.1	wroh019f	PFO	34.839336	-78.945912
163.1	wroh021s	PSS	34.840645	-78.954155
163.7	wroc100e	PEM	34.846424	-78.963300
164.2	wrog008f	PFO	34.849598	-78.970636
164.9	wrog007f	PFO	34.844848	-78.982369
165.3	wrob001f	PFO	34.840539	-78.987597
165.7	wrob002f	PFO	34.837644	-78.990096
166.0	wrof004f	PFO	34.834655	-78.994567
166.1	wroc001s	PSS	34.834049	-78.994554
166.1	wrof004e	PEM	34.834297	-78.994939
166.2	wrof003f	PFO	34.833508	-78.996604
166.3	wrof002e	PEM	34.832319	-78.998666
166.4	wrof001e	PEM	34.830976	-79.001286
166.8	wrof005f	PFO	34.827819	-79.004865

TABLE 3.1-1 (cont'd)

Atlantic Coast Pipeline
Surveyed Wetlands

Facility/State/County/ Approximate Milepost	Unique ID	Cowardin Classification	Latitude	Longitude
166.9	wrof006f	PFO	34.827324	-79.006425
167.0	wroc003f	PFO	34.825666	-79.007841
167.6	wroh018f	PFO	34.818958	-79.014697
167.7	wroh018s	PSS	34.815093	-79.016954
169.0	wroh017f	PFO	34.797918	-79.028250
169.6	wrog006f	PFO	34.793109	-79.032816
170.1	wrog005f	PFO	34.789581	-79.037218
170.6	wrog004f	PFO	34.781127	-79.042005
171.3	wrog003f	PFO	34.774917	-79.048839
171.5	wrog002s	PSS	34.770046	-79.053073
171.8	wrog002f	PFO	34.769099	-79.053760
171.9	wrog001s	PSS	34.767795	-79.054261
172.1	wrog001f	PFO	34.765881	-79.055499
172.4	wroh016s	PSS	34.761920	-79.063220
172.9	wroh015f	PFO	34.761837	-79.071344
173.4	wroh014f	PFO	34.761492	-79.076818
173.9	wroh013f	PFO	34.760951	-79.085476
174.0	wroh013s	PSS	34.760838	-79.086953
175.1	wroh012s	PSS	34.757846	-79.105703
175.5	wroh011f	PFO	34.755814	-79.114405
176.4	wroh010s	PSS	34.750896	-79.125575
176.6	wroh009e	PEM	34.748544	-79.127930
176.7	wroh008f	PFO	34.745757	-79.128746
177.5	wroh007s	PSS	34.735209	-79.134344
178.5	wrop001f	PFO	34.724443	-79.142392
178.5	wrop001e	PEM	34.725408	-79.142155
180.7	wroh005s	PSS	34.726059	-79.178193
181.5	wroe001e	PEM	34.725659	-79.190313
181.6	wroh004s	PSS	34.724423	-79.192400
181.7	wroh003s	PSS	34.723827	-79.193267
182.3	wroh022f	PFO	34.717683	-79.203602
182.5	wroh002f	PFO	34.722203	-79.208062
182.7	wroh001f	PFO	34.722918	-79.210735
LATERAL PIPELINES				
AP-3				
NORTH CAROLINA				
Northampton				
0.2	wnrh014e	PEM	36.540746	-77.505015
0.7	wnrc001s	PSS	36.541378	-77.497272
0.7	wnrc001e	PEM	36.541542	-77.496858
1.5	wnrc003f	PFO	36.538120	-77.483589
2.2	wnrc004f	PFO	36.536345	-77.470519
2.4	wnrc005f	PFO	36.535353	-77.466790
2.6	wnrc006f	PFO	36.535046	-77.463460
3.0	wnrc007f	PFO	36.533825	-77.457266
3.6	wnrp003f	PFO	36.532089	-77.446476
4.1	wnrp004f	PFO	36.532233	-77.436564
4.9	wnrc008e	PEM	36.528388	-77.423885
4.9	wnrc008f	PFO	36.528150	-77.423940

TABLE 3.1-1 (cont'd)

Atlantic Coast Pipeline
Surveyed Wetlands

Facility/State/County/ Approximate Milepost	Unique ID	Cowardin Classification	Latitude	Longitude
5.1	wnrc009e	PEM	36.527497	-77.421590
5.3	wnrp020f	PFO	36.526581	-77.416011
5.9	wnrp022f	PFO	36.524922	-77.406693
6.3	wnrp012f	PFO	36.524943	-77.401051
6.3	wnrp011f	PFO	36.524663	-77.399890
6.3	wnrp011e	PEM	36.524996	-77.400030
6.6	wnrp010f	PFO	36.526044	-77.394222
7.0	wnrp009f	PFO	36.527655	-77.388285
7.0	wnrp009e	PEM	36.528137	-77.388345
7.1	wnrp008f	PFO	36.528444	-77.385839
7.1	wnrp008e	PEM	36.528745	-77.385977
7.2	wnrr007f	PFO	36.526765	-77.382971
7.3	wnrp006e	PEM	36.530155	-77.381147
7.4	wnrp006f	PFO	36.530294	-77.381434
7.5	wnrp007e	PEM	36.530505	-77.379597
7.6	wnrb107f	PFO	36.530582	-77.378327
7.6	wnrb107e	PEM	36.531093	-77.377711
8.1	wnrb108e	PEM	36.533388	-77.369278
8.1	wnrb108f	PFO	36.533570	-77.369445
8.6	wnrc011e	PEM	36.535542	-77.361504
8.6	wnrc011f	PFO	36.535723	-77.361416
8.7	wnrc012e	PEM	36.536448	-77.358046
8.8	wnrc012f	PFO	36.536654	-77.358349
9.2	wnrp018f	PFO	36.538072	-77.350628
9.3	wnrp017f	PFO	36.538644	-77.348210
9.4	wnrp017e	PEM	36.539161	-77.347769
9.4	wnrp016e	PEM	36.539458	-77.347465
9.4	wnrp016f	PFO	36.539246	-77.346651
9.7	wnrb106s	PSS	36.537968	-77.343667
9.9	wnro003f	PFO	36.535638	-77.340715
9.9	wnro002f	PFO	36.534981	-77.339592
10.0	wnrb102f	PFO	36.534365	-77.339147
10.1	wnrb102e	PEM	36.533590	-77.338322
10.5	wnrb101f	PFO	36.536517	-77.330937
10.7	wnrb100f	PFO	36.537438	-77.327775
11.9	wnrp015f	PFO	36.543794	-77.305766
12.1	wgrp002f	PFO	36.544468	-77.303122

[a] Wetland wcmo011s is located on the border of Cumberland and Sampson Counties. Datasheet recorded for Cumberland County.

Notes: PEM = palustrine emergent; PFO = palustrine forested; PSS = palustrine scrub-shrub

TABLE 3.2-1

Atlantic Coast Pipeline
Surveyed Waterbodies

Facility/State/ County/ Approximate Milepost	Unique ID	USGS Name	Hydrologic Regime	OHWM Width (feet)	Bank to Bank Width (feet)	Latitude	Longitude
MAINLINE PIPELINES							
AP-2							
NORTH CAROLINA							
Northampton							
0.4	snrh005	Jacks Swamp	Intermittent	6.0	10.0	36.539816	-77.510563
1.1	snrh007	UNT to Jacks Swamp	Intermittent	4.0	6.0	36.529758	-77.515594
1.9	snrh006	Jacks Swamp	Perennial	15.0	17.0	36.519276	-77.522303
8.3	snrh010	UNT to Trouble Field Creek	Intermittent	5.0	10.0	36.442057	-77.559161
8.5	snrg002	UNT to Trouble Field Creek	Perennial	5.0	5.0	36.437904	-77.552004
8.5	snrh009	UNT to Trouble Field Creek	Perennial	10.0	18.0	36.439541	-77.558682
8.8	snrg004	UNT to Trouble Field Creek	Intermittent	4.0	10.0	36.433426	-77.553642
8.8	snrg003	UNT to Trouble Field Creek	Intermittent	4.0	15.0	36.433512	-77.553900
8.9	snrg005	UNT to Trouble Field Creek	Intermittent	4.0	10.0	36.432530	-77.553743
9.6	snrh004	UNT to Roanoke River	Perennial	3.0	4.0	36.423103	-77.558144
9.8	shlh001[a]	Roanoke River	Perennial	360.0	400.0	36.419909	-77.560469
9.8	snrh002	UNT to Roanoke River	Perennial	20.0	60.0	36.420421	-77.560572
Halifax							
11.8	ohlc001	Mush Island Gut	Non-flowing	NA	NA	36.401518	-77.583772
11.9	shlc003	UNT to Mush Island Gut	Intermittent	5.0	8.0	36.400189	-77.584821
11.9	shlc004i	UNT to Mush Island Gut	Intermittent	6.0	9.0	36.399716	-77.584765
12.0	shlc004e	UNT to Mush Island Gut	Intermittent	6.0	9.0	36.398504	-77.584802
12.4	shlc002	UNT to Mush Island Gut	Intermittent	4.0	8.0	36.392923	-77.585041
12.4	shlc001	UNT to Mush Island Gut	Intermittent	5.0	8.0	36.392082	-77.584916
13.3	shlo003	Mush Island Gut	Intermittent	4.0	6.0	36.381517	-77.591023
13.6	shlf001	UNT to Roanoke River	Perennial	9.0	15.0	36.377044	-77.593846
13.9	shlf002	UNT to Roanoke River	Intermittent	7.0	12.0	36.374744	-77.598755
14.0	shlf003	UNT to Roanoke River	Ephemeral	3.0	3.0	36.374363	-77.600117
14.1	shlh003	UNT to Roanoke River	Perennial	10.0	12.0	36.373692	-77.601612
14.1	shlh004	UNT to Roanoke River	Perennial	6.0	10.0	36.373731	-77.602338
14.4	shlp002	UNT to the Roanoke River	Perennial	3.0	5.0	36.370796	-77.607064
15.4	shlf004	UNT to Little Quankey Creek	Perennial	12.0	16.0	36.362074	-77.619585
17.4	shlg005	UNT to Quankey Creek	Intermittent	3.0	4.0	36.338878	-77.638163
18.1	shlg007	UNT to Marsh Swamp	Intermittent	6.0	6.0	36.328893	-77.644898
18.2	shlg008	UNT to Marsh Swamp	Ephemeral	2.0	2.0	36.328576	-77.644723
18.5	shlg009	UNT to Marsh Swamp	Perennial	9.0	15.0	36.323815	-77.647330
18.6	shlb050	UNT to Marsh Swamp	Perennial	12.0	15.0	36.323444	-77.648743
20.1	shlh008	Marsh Swamp	Perennial	15.0	20.0	36.305588	-77.662037
20.5	shlh007	UNT to Marsh Swamp	Intermittent	5.0	6.0	36.300295	-77.665088
20.6	ohlg003	Unnamed Pond	Non-flowing	NA	NA	36.298495	-77.664769
21.0	shlh019	UNT to Marsh Swamp	Intermittent	4.0	6.0	36.294334	-77.667433
22.8	shlh016	UNT to Beaverdam Swamp	Intermittent	5.0	7.0	36.272732	-77.685594
23.1	shlh017	Beaverdam Swamp	Perennial	45.0	50.0	36.269132	-77.689068
23.3	shlh018	UNT to Beaverdam Swamp	Intermittent	3.0	5.0	36.266199	-77.691102
23.6	shla002	UNT to Beaverdam Swamp	Intermittent	4.0	6.0	36.263240	-77.693918

TABLE 3.2-1 (cont'd)

Atlantic Coast Pipeline
Surveyed Waterbodies

Facility/State/ County/ Approximate Milepost	Unique ID	USGS Name	Hydrologic Regime	OHWM Width (feet)	Bank to Bank Width (feet)	Latitude	Longitude
24.0	shlg012	UNT to Beaverdam Swamp	Perennial	5.0	8.0	36.258041	-77.698223
25.0	shlb100	UNT to Beaverdam Creek	Intermittent	3.0	4.0	36.246823	-77.709121
26.6	shlh009	UNT to Burnt Goat Swamp	Perennial	8.0	15.0	36.228126	-77.724606
26.9	shlh010	UNT to Burnt Goat Swamp	Intermittent	2.0	5.0	36.224449	-77.728002
27.4	shlh011	Jacket Swamp	Perennial	25.0	35.0	36.218557	-77.734716
27.7	shlh012	UNT to Jacket Swamp	Intermittent	5.0	6.0	36.215714	-77.738438
29.8	shla001	Breeches Swamp	Perennial	15.0	17.0	36.197665	-77.761227
30.6	shlh015	UNT to Rocky Swamp	Intermittent	6.0	10.0	36.187441	-77.766362
31.0	shlh020	UNT to Rocky Swamp	Intermittent	4.0	8.0	36.181653	-77.771152
31.2	shlo001	UNT to Rocky Swamp	Intermittent	4.0	5.0	36.179814	-77.772385
31.2	shlo002	UNT to Rocky Swamp	Intermittent	3.0	4.0	36.179496	-77.772728
32.7	shlh013	UNT to Rocky Swamp	Intermittent	6.0	10.0	36.160488	-77.784426
32.8	shlh014	UNT to Rocky Swamp	Intermittent	6.0	10.0	36.159173	-77.785508
33.5	shlh022	UNT to Fishing Creek	Perennial	4.0	6.0	36.152335	-77.795679
33.7	shlg011	UNT to Fishing Creek	Perennial	8.0	8.0	36.147525	-77.793495
33.8	ohlg002	UNT to Fishing Creek	Open Water	4.0	4.0	36.147773	-77.794061
Nash							
33.9	snag001[b]	Fishing Creek	Perennial	40.0	75.0	36.145440	-77.795131
34.8	snag003	UNT to Fishing Creek	Intermittent	3.0	3.0	36.134911	-77.802287
34.8	snag002	UNT to Fishing Creek	Intermittent	5.0	5.0	36.134807	-77.802632
35.1	snag004	UNT to Fishing Creek	Intermittent	4.0	4.0	36.131546	-77.805555
37.6	onah002	Unnamed Pond	Non-flowing	NA	NA	36.101631	-77.830787
39.7	snab100	UNT to Swift Creek	Intermittent	2.0	5.0	36.079709	-77.855917
39.7	onah001	Unnamed Pond	Non-flowing	NA	NA	36.079338	-77.855830
39.9	snah001	UNT to Swift Creek	Intermittent	4.0	6.0	36.077175	-77.857369
40.3	snah028	UNT to Swift Creek	Perennial	8.0	10.0	36.073667	-77.860500
40.3	snah002	UNT to Swift Creek	Perennial	6.0	10.0	36.072864	-77.862186
40.6	snah003	Swift Creek	Perennial	130.0	150.0	36.071092	-77.865624
40.9	snah006	UNT to Flat Rock Branch	Perennial	8.0	12.0	36.069082	-77.869803
41.6	snah005	UNT to Flat Rock Branch	Perennial	6.0	8.0	36.059772	-77.875889
41.7	snah004	UNT to Flat Rock Branch	Perennial	4.0	5.0	36.058117	-77.876915
42.0	snah029	UNT to Flat Rock Branch	Intermittent	4.0	4.0	36.054685	-77.879672
42.1	snah025	UNT to Flat Rock Branch	Perennial	10.0	10.0	36.053682	-77.880721
42.2	snah026	UNT to Flat Rock Branch	Perennial	4.0	6.0	36.053130	-77.881506
42.8	snab102	UNT to Flat Rock Branch	Perennial	6.0	7.0	36.045450	-77.887258
42.8	snab103	UNT to Flat Rock Branch	Intermittent	3.0	3.0	36.045394	-77.886725
43.5	onac001	Unnamed Pond	Non-flowing	NA	NA	36.040003	-77.875656
44.0	snab104	UNT to Flat Rock Branch	Intermittent	3.0	4.0	36.035092	-77.873860
44.4	snab105	UNT to Flat Rock Branch	Perennial	4.0	4.0	36.030735	-77.876699
44.4	snac001	Flat Rock Branch	Perennial	8.0	9.0	36.030338	-77.877851
44.8	snag012	Flat Rock Branch	Perennial	6.0	12.0	36.026852	-77.881766
45.4	onac002	Unnamed Pond	Non-flowing	NA	NA	36.022696	-77.890689
47.2	snah008	UNT to Pig Basket Creek	Perennial	4.0	6.0	36.005225	-77.910241
47.6	onah004	Unnamed Pond	Non-flowing	NA	NA	35.999601	-77.910651
47.6	onah005	Unnamed Pond	Non-flowing	NA	NA	35.999465	-77.911100

TABLE 3.2-1 (cont'd)

Atlantic Coast Pipeline
Surveyed Waterbodies

Facility/State/ County/ Approximate Milepost	Unique ID	USGS Name	Hydrologic Regime	OHWM Width (feet)	Bank to Bank Width (feet)	Latitude	Longitude
47.6	snah009	Pig Basket Creek	Perennial	25.0	30.0	35.999709	-77.911570
47.6	snah010	UNT to Pig Basket Creek	Intermittent	9.0	15.0	35.999134	-77.911644
47.7	snah012	Pig Basket Creek	Perennial	7.0	10.0	35.998438	-77.911108
48.7	snah015	Stony Creek	Perennial	28.0	35.0	35.984309	-77.910586
49.2	snah016	UNT to Stony Creek	Perennial	4.0	6.0	35.979296	-77.914570
49.5	snah017	UNT to Stony Creek	Perennial	6.0	8.0	35.975219	-77.913632
50.1	snag008	UNT to Stony Creek	Perennial	8.0	15.0	35.967606	-77.919446
50.2	snag007	UNT to Stony Creek	Perennial	6.0	10.0	35.967422	-77.921290
50.3	snag006	UNT to Stony Creek	Perennial	7.0	8.0	35.967221	-77.922062
50.7	snag005	UNT to Stony Creek	Perennial	4.0	4.0	35.965264	-77.929758
51.5	snag011	UNT to Stony Creek	Perennial	5.0	8.0	35.959249	-77.939898
51.5	snag009	UNT to Stony Creek	Perennial	8.0	10.0	35.958319	-77.940156
51.6	snag010	UNT to Stony Creek	Perennial	5.0	8.0	35.957400	-77.941390
52.0	onag002	UNT to Sapony Creek	Non-flowing	NA	NA	35.952759	-77.943391
53.3	snah021	UNT to Sapony Creek	Perennial	10.0	12.0	35.938368	-77.958934
54.9	snah020	UNT to Sapony Creek	Perennial	8.0	10.0	35.918730	-77.972947
56.1	snah023	UNT to Sapony Creek	Perennial	8.0	12.0	35.906171	-77.987979
56.3	snah024	Sapony Creek	Perennial	20.0	25.0	35.904209	-77.989354
56.6	snah022	UNT to Sapony Creek	Perennial	10.0	10.0	35.898897	-77.992985
56.9	snah018	UNT to Sapony Creek	Perennial	9.0	10.0	35.896408	-77.993663
57.0	snah019	UNT to Sapony Creek	Intermittent	7.0	9.0	35.894228	-77.994580
58.8	snap004	UNT to Tar River	Perennial	3.0	4.0	35.869379	-77.998589
59.1	snap003	UNT to Tar River	Intermittent	3.0	3.0	35.866954	-78.000436
59.1	snap002	UNT to Tar River	Intermittent	3.0	3.0	35.865835	-78.000728
59.1	snap001	UNT to Tar River	Intermittent	4.0	6.0	35.865407	-78.000727
59.4	snao011	Tar River	Perennial	130.0	132.0	35.861847	-78.003773
59.7	onao005	Unnamed Pond	Non-flowing	NA	NA	35.858041	-78.006864
59.8	snao010	UNT to Tar River	Intermittent	2.0	8.0	35.857085	-78.007716
60.4	snao009	UNT to Tar River	Ephemeral	2.0	8.0	35.849641	-78.012544
61.9	snao008	UNT to Toisnot Swamp	Ephemeral	3.0	10.0	35.830905	-78.025588
62.7	snao007	UNT to Toisnot Swamp	Intermittent	2.0	5.0	35.820841	-78.030922
62.7	onao004	Unnamed Pond	Non-flowing	NA	NA	35.821151	-78.031427
62.8	onao003	Toisnot Swamp	Non-flowing	40.0	50.0	35.819515	-78.032421
62.9	onao002	Toisnot Swamp	Non-flowing	40.0	50.0	35.818144	-78.032992
63.0	snao006	UNT to Toisnot Swamp	Ephemeral	2.0	8.0	35.817322	-78.033725
63.3	snao005	UNT to Beaverdam Creek	Ephemeral	2.0	4.0	35.813225	-78.037034
63.3	snao004	UNT to Beaverdam Creek	Intermittent	5.0	7.0	35.813056	-78.037282
63.5	snao003	UNT to Beaverdam Creek	Ephemeral	6.0	8.0	35.810935	-78.038781
64.5	snao002	UNT to Bloomers Swamp	Ephemeral	2.0	6.0	35.797982	-78.045156
64.6	onao001	Unnamed Pond	Non-flowing	NA	NA	35.796777	-78.046691
65.1	snah030	UNT to Bloomery Swamp	Perennial	8.0	10.0	35.790328	-78.052053
65.2	snah031	UNT to Bloomery Swamp	Perennial	8.0	10.0	35.790197	-78.052072
65.6	snao001	UNT to Juniper Creek	Ephemeral	2.0	6.0	35.784515	-78.054405

TABLE 3.2-1 (cont'd)

Atlantic Coast Pipeline
Surveyed Waterbodies

Facility/State/ County/ Approximate Milepost	Unique ID	USGS Name	Hydrologic Regime	OHWM Width (feet)	Bank to Bank Width (feet)	Latitude	Longitude
Wilson							
66.1	swio015	UNT to Juniper Creek	Perennial	8.0	20.0	35.777969	-78.055041
66.3	swio016	UNT to Juniper Creek	Intermittent	4.0	8.0	35.775027	-78.053365
67.7	swio001	UNT to Millstone Creek	Intermittent	2.0	4.0	35.755978	-78.052809
67.8	swio002	UNT to Millstone Creek	Perennial	1.5	2.0	35.755542	-78.053543
68.3	swio003	UNT to Marsh Swamp	Intermittent	5.0	6.0	35.752087	-78.061608
69.1	owio001	Unnamed Pond	Non-flowing	NA	NA	35.745593	-78.071548
69.1	swio004	UNT to Marsh Swamp	Perennial	6.0	10.0	35.745243	-78.071783
69.3	swio005	UNT to Marsh Swamp	Perennial	5.0	7.0	35.744084	-78.074936
69.5	swio006	UNT to Marsh Swamp	Intermittent	5.0	6.0	35.741558	-78.076917
69.7	swio007	Marsh Swamp	Perennial	8.0	10.	35.738654	-78.078617
70.4	swio009	UNT to Marsh Swamp	Perennial	4.0	4.0	35.731170	-78.085073
70.5	swio008	UNT to Marsh Swamp	Perennial	5.0	7.0	35.729236	-78.085490
70.9	swio010	UNT to Marsh Swamp	Perennial	5.0	7.0	35.723471	-78.087154
70.9	swio013	UNT to Marsh Swamp	Perennial	4.0	6.0	35.723831	-78.086779
71.0	swio011	UNT to Marsh Swamp	Perennial	20.0	25.0	35.722857	-78.087034
71.0	swio012	UNT to Marsh Swamp	Intermittent	10.0	10.0	35.722698	-78.087220
72.2	swip001	UNT to Contentnea Creek	Ephemeral	3.0	5.0	35.708152	-78.097153
72.3	swic001	UNT to Contentnea Creek	Intermittent	5.0	12.0	35.706930	-78.097537
72.3	owic001	Unnamed Pond	Non-flowing	NA	NA	35.706594	-78.097440
73.1	swib100	UNT to Contentnea Creek	Perennial	3.0	4.0	35.695862	-78.099114
73.4	swib101	UNT to Contentnea Creek	Intermittent	3.0	4.0	35.692602	-78.100131
73.6	swic002	Contentnea Creek	Perennial	40.0	60.0	35.691506	-78.104459
73.7	swic004	Contentnea Creek	Perennial	30.0	50.0	35.691450	-78.105966
73.8	swic003	UNT to Contentnea Creek	Ephemeral	4.0	12.0	35.690863	-78.107112
73.9	swip008	UNT to Contentnea Creek	Intermittent	3.0	4.0	35.688794	-78.106765
74.1	swip006	UNT to Contentnea Creek	Intermittent	2.0	3.0	35.685888	-78.108019
74.1	swip007	UNT to Contentnea Creek	Intermittent	3.0	6.0	35.685635	-78.108958
74.4	swio017	UNT to Buckhorn Branch	Ephemeral	4.0	6.0	35.682405	-78.110281
74.6	swip002	UNT to Buckhorn Branch	Ephemeral	3.0	5.0	35.680990	-78.113579
74.9	swip003	UNT to Buckhorn Branch	Ephemeral	4.0	5.0	35.677112	-78.115264
75.8	swip017	UNT to Buckhorn Branch	Perennial	4.5	6.0	35.664698	-78.120481
75.8	swip009	UNT to Buckhorn Branch	Intermittent	3.0	4.0	35.664570	-78.121036
Johnston							
78.9	sjob101	UNT to Little Buffalo Creek	Ephemeral	2.0	10.0	35.630588	-78.154229
78.9	ojob103	UNP to Little Buffalo Creek	Non-flowing	NA	NA	35.630156	-78.153761
78.9	ojob102	UNT to Little Buffalo Creek	Non-flowing	NA	NA	35.629764	-78.154504
78.9	sjob102	UNT to Little Buffalo Creek	Ephemeral	2.0	5.0	35.629675	-78.154684
79.0	sjob103	UNT to Little Buffalo Creek	Perennial	5.0	6.0	35.628846	-78.155277
79.5	sjob104	Little Buffalo Creek	Perennial	20.0	20.0	35.624350	-78.162063
80.9	ojop005	Unnamed Pond	Non-flowing	NA	NA	35.610273	-78.177525
81.0	sjop013	UNT to Little River	Intermittent	2.0	3.0	35.609256	-78.178768
81.0	ojop003	Unnamed Pond	Non-flowing	NA	NA	35.608467	-78.179611
82.0	sjop003	UNT to Little River	Intermittent	5.0	5.0	35.599341	-78.190540
82.5	sjoe001	UNT to Little River	Intermittent	2.0	6.0	35.594571	-78.196352

TABLE 3.2-1 (cont'd)

Atlantic Coast Pipeline
Surveyed Waterbodies

Facility/State/ County/ Approximate Milepost	Unique ID	USGS Name	Hydrologic Regime	OHWM Width (feet)	Bank to Bank Width (feet)	Latitude	Longitude
82.5	sjoe002	Little River	Perennial	50.0	60.0	35.594460	-78.196661
82.6	sjoe003	UNT to Little River	Perennial	40.0	50.0	35.594553	-78.197214
82.6	sjoe004	UNT to Little River	Intermittent	6.0	12.0	35.593916	-78.197361
83.0	ojoe001	Unnamed Pond	Non-flowing	NA	NA	35.590944	-78.202641
83.4	sjoe005	UNT to Buffalo Creek	Perennial	6.0	7.0	35.587418	-78.207166
83.5	sjoe006	UNT to Buffalo Creek	Intermittent	3.0	5.0	35.586982	-78.208092
84.2	ojop001	Unnamed Pond	Non-flowing	NA	NA	35.579975	-78.213889
84.5	sjop002	UNT to Big Branch	Intermittent	5.0	6.0	35.575574	-78.217180
84.6	sjop001	Big Branch	Intermittent	6.0	6.0	35.575851	-78.217737
84.6	sjoo014	UNT to Big Branch	Ephemeral	4.0	10.0	35.574818	-78.217635
85.1	ojoo001	Unnamed Pond	Non-flowing	NA	NA	35.576046	-78.227344
85.9	sjoo003	UNT to Little Creek	Perennial	8.0	8.0	35.570415	-78.237532
86.5	sjoo004	Little Creek	Perennial	4.0	6.0	35.568622	-78.246527
87.3	sjoo005	UNT to Moccasin Creek	Intermittent	3.0	4.0	35.556568	-78.250243
88.8	sjop004	UNT to Moccasin Creek	Intermittent	3.0	5.0	35.536495	-78.246562
88.9	sjop005	UNT to Moccasin Creek	Intermittent	3.0	5.0	35.535193	-78.245231
88.9	sjop006	UNT to Moccasin Creek	Intermittent	4.0	5.0	35.534538	-78.244633
89.6	ojop002	Unnamed Pond	Non-flowing	NA	NA	35.526198	-78.250506
89.7	sjop007	Moccasin Creek	Perennial	12.0	14.0	35.525876	-78.252990
91.2	sjop008	UNT to Bawdy Swamp	Intermittent	2.0	6.0	35.517699	-78.275083
91.3	sjop009	Bawdy Swamp	Intermittent	12.0	16.0	35.517188	-78.275669
92.1	sjop010	Bawdy Swamp	Perennial	8.0	10.0	35.506004	-78.280411
93.6	sjop015	UNT to Mill Branch	Intermittent	4.0	7.0	35.495605	-78.294400
95.1	sjob011	UNT to Neuse River	Intermittent	6.0	7.0	35.474941	-78.305726
95.3	sjop018	UNT to Polecat Branch	Intermittent	4.0	11.0	35.472035	-78.307084
95.8	sjob010	UNT to Polecat Branch	Intermittent	4.0	6.0	35.465965	-78.310610
96.1	ojoa007	Unnamed Pond	Non-flowing	NA	NA	35.461525	-78.313503
96.3	sjob008	UNT to Polecat Branch	Perennial	4.0	6.0	35.459786	-78.315695
96.3	sjob009	UNT to Polecat Branch	Perennial	4.0	6.0	35.459925	-78.316238
96.4	sjob109	UNT to Polecat Branch	Intermittent	4.0	6.0	35.475873	-78.335386
97.5	sjoo008	Polecat Branch	Perennial	8.0	12.0	35.441741	-78.316920
97.7	sjoo009	UNT to Polecat Branch	Intermittent	10.0	10.0	35.438124	-78.321311
98.2	sjoo010	UNT to Neuse River	Perennial	26.0	27.0	35.435279	-78.330344
98.5	sjob105	Neuse River	Perennial	NA	125.0	35.435058	-78.337873
98.8	sjob007	UNT to Neuse River	Intermittent	5.0	6.0	35.431809	-78.339719
100.9	ojop004	Unnamed Pond	Non-flowing	NA	NA	35.406948	-78.361355
102.4	sjob006	UNT to Hannah Creek	Intermittent	1.0	3.0	35.389206	-78.373943
102.8	sjob005	UNT to Hannah Creek	Intermittent	4.0	4.0	35.384626	-78.376639
102.8	sjob004	UNT to Hannah Creek	Perennial	4.0	5.0	35.384558	-78.376683
103.1	ojoa005	Unnamed Pond	Non-flowing	NA	NA	35.381026	-78.376071
103.9	sjob003	UNT to Hannah Creek	Perennial	4.0	5.0	35.370184	-78.380701
104.4	ojoa004	Unnamed Pond	Non-flowing	NA	NA	35.363889	-78.381666
104.5	ojoa003	Unnamed Pond	Non-flowing	NA	NA	35.361586	-78.382564
104.6	sjob002	UNT to Ojoa003	Intermittent	2.0	4.0	35.361432	-78.382459
105.8	ojoa002	Unnamed Pond	Non-flowing	NA	NA	35.350596	-78.397510

TABLE 3.2-1 (cont'd)

Atlantic Coast Pipeline
Surveyed Waterbodies

Facility/State/ County/ Approximate Milepost	Unique ID	USGS Name	Hydrologic Regime	OHWM Width (feet)	Bank to Bank Width (feet)	Latitude	Longitude
106.1	ojoa001	Unnamed Pond	Non-flowing	NA	NA	35.346941	-78.400816
107.7	sjob001	UNT to Johnson Swamp	Perennial	12.0	13.0	35.327810	-78.415503
107.9	ojoa006	Unnamed Pond	Non-flowing	NA	NA	35.325969	-78.418330
108.1	ojob100	UNP to Johnson Swamp	Non-flowing	NA	NA	35.323250	-78.420649
110.3	sjop017	UNT to John K Swamp	Intermittent	4.0	5.0	35.301323	-78.446704
110.5	sjop016	UNT to John K Swamp	Ephemeral	3.0	6.0	35.301653	-78.449817
113.1	sjoo007	Mill Branch	Intermittent	7.0	8.0	35.303047	-78.493298
113.7	sjoe007	UNT to Mill Creek	Intermittent	5.0	10.0	35.302716	-78.504343
114.2	sjoq001	UNT to Jumping Run	Perennial	5.0	6.0	35.300551	-78.511163
Sampson							
115.4	ssao003	UNT to Juniper Run	Ephemeral	3.0	8.0	35.292203	-78.530447
116.9	ssao002	UNT to Juniper Run	Intermittent	4.0	7.0	35.279748	-78.550043
116.9	ssao001	Little Juniper Run	Perennial	8.0	12.0	35.279750	-78.550543
117.2	ssap003	Juniper Run	Perennial	12.0	12.0	35.277394	-78.553277
117.7	ssap002	UNT to Beaverdam Swamp	Ephemeral	4.0	6.0	35.271975	-78.558951
117.7	ssap001	UNT to Beaverdam Swamp	Ephemeral	4.0	6.0	35.271409	-78.558978
118.9	ssao007	Beaverdam Swamp	Perennial	9.0	10.0	35.255917	-78.564352
119.3	osao003	Unnamed Pond	Non-flowing	NA	NA	35.251861	-78.569993
119.3	ssao008	UNT to Beaverdam Swamp	Intermittent	1.0	10.0	35.251753	-78.569922
119.7	ssaa001	Beaverdam Swamp	Perennial	25.0	30	35.249007	-78.575740
121.6	osao001	Unnamed Pond	Non-flowing	NA	NA	35.232859	-78.601594
121.9	ssao004	UNT to Starlins Swamp	Intermittent	2.0	5.0	35.231710	-78.605361
121.9	osao002	Unnamed Pond	Non-flowing	NA	NA	35.231347	-78.605899
122.2	ssao006	Starlins Swamp	Perennial	15.0	16.0	35.230246	-78.610309
122.3	ssao005	Starlins Swamp	Perennial	20.0	21.0	35.228709	-78.614702
122.5	ssag001	UNT to Mingo Swamp	Intermittent	4.0	10.0	35.221162	-78.609483
122.5	osag001	Unnamed Pond	Non-flowing	NA	NA	35.226597	-78.614203
Cumberland							
123.0	scme001	UNT to Mingo Swamp	Perennial	12.0	15.0	35.227692	-78.626290
123.1	scmo014	UNT to Mingo Swamp	Perennial	10.0	12.0	35.227953	-78.626633
123.1	scmo016	UNT to Mingo Swamp	Perennial	7.0	8.0	35.225599	-78.625506
125.2	scmc004	UNT to Black River	Intermittent	5.0	7.0	35.213915	-78.657662
125.8	scmp007e	UNT to South River	Ephemeral	8.0	12.0	35.211342	-78.665587
125.8	scmp007i	UNT to South River	Intermittent	10.0	15.0	35.211367	-78.666202
126.7	scmp008	UNT to Cape Fear River	Ephemeral	4.0	10.0	35.202793	-78.676920
126.8	scmp009	UNT to Cape Fear River	Perennial	8.0	10.0	35.200702	-78.677729
127.3	scmp010	UNT to Cape Fear River	Perennial	6.0	7.0	35.195212	-78.682189
127.5	scmp011	UNT to Cape Fear River	Perennial	4.0	4.0	35.193051	-78.685933
129.0	scmp022	UNT to Cape Fear River	Intermittent	3.0	4.0	35.187605	-78.704546
129.2	scmo041	UNT to Cape Fear River	Perennial	4.0	6.0	35.189649	-78.711792
129.4	scmc001	UNT to Cape Fear River	Perennial	7.0	9.0	35.182992	-78.709964
129.6	scmc002	UNT to Cape Fear River	Perennial	30.0	50.0	35.182281	-78.712252
129.7	scmc003	UNT to Cape Fear River	Ephemeral	3.0	4.0	35.181750	-78.713550
130.1	scmc005	UNT to Cape Fear River	Intermittent	3.0	4.0	35.179069	-78.719573
131.1	scmp021	UNT to Cape Fear River	Intermittent	4.0	6.0	35.169315	-78.735212

TABLE 3.2-1 (cont'd)

Atlantic Coast Pipeline
Surveyed Waterbodies

Facility/State/ County/ Approximate Milepost	Unique ID	USGS Name	Hydrologic Regime	OHWM Width (feet)	Bank to Bank Width (feet)	Latitude	Longitude
131.5	scmp005	UNT to Cape Fear River	Perennial	5.0	50.0	35.171887	-78.741463
131.6	scmb102	UNT to Cape Fear River	Ephemeral	3.0	6.0	35.171876	-78.743700
131.6	scmp002	UNT to Cape Fear River	Intermittent	3.0	6.0	35.171606	-78.744435
131.7	scmb103	UNT to Cape Fear River	Ephemeral	2.0	5.0	35.170443	-78.744416
131.7	scmp003	UNT to Cape Fear River	Intermittent	3.0	5.0	35.170469	-78.744671
131.7	scmp004	UNT to Cape Fear River	Intermittent	4.0	9.0	35.170074	-78.745167
132.7	scmp001	UNT to Cape Fear River	Intermittent	9.0	15.0	35.161100	-78.756153
132.8	scmo037	UNT to Cape Fear River	Perennial	4.0	10.0	35.160522	-78.757440
133.2	scmp038	UNT to Cape Fear River	Intermittent	3.0	10.0	35.154639	-78.757580
133.4	scmp039	UNT to Cape Fear River	Intermittent	3.0	6.0	35.151323	-78.756958
133.8	scmp042	UNT to Cape Fear River	Intermittent	6.0	8.0	35.146190	-78.753986
133.9	scmp041	UNT to Cape Fear River	Ephemeral	3.0	6.0	35.145934	-78.753492
134.2	scmp040	UNT to Cape Fear River	Perennial	10.0	16.0	35.141827	-78.749971
135.0	scmp100	UNT to Gum Log Canal	Intermittent	6.0	11.0	35.135415	-78.736847
135.2	ocmr002	Unnamed Pond	Non-flowing	NA	NA	35.132611	-78.735580
136.9	scmq001	UNT to Bakers Swamp	Perennial	6.0	7.0	35.110051	-78.728965
137.0	scmq003	UNT to Bakers Swamp	Perennial	4.0	5.0	35.107591	-78.729228
137.1	scmq002	UNT to Bakers Swamp	Perennial	8.0	9.0	35.106403	-78.729866
137.1	scmq004	UNT to Bakers Swamp	Perennial	8.0	9.0	35.105825	-78.729418
137.1	scmp058	UNT to Big Creek	Intermittent	8.0	10.0	35.105748	-78.729441
138.5	ocmp009	Unnamed Pond	Non-flowing	NA	NA	35.084836	-78.732570
141.4	ocmr001	Unnamed Pond	Non-flowing	NA	NA	35.040447	-78.737575
141.6	ocme020	Unnamed Pond	Non-flowing	NA	NA	35.045730	-78.824406
141.8	scmr005	UNT to Buck Creek	Intermittent	4.0	7.0	35.033917	-78.737808
142.0	scmr006	UNT to Buck Creek	Ephemeral	3.0	11.0	35.030590	-78.738269
142.2	ocmo003	Unnamed Pond	Non-flowing	NA	NA	35.028183	-78.738189
142.7	scmo031	UNT to Sandy Creek	Ephemeral	4.0	6.0	35.021655	-78.739392
142.8	scmo032	UNT to Sandy Creek	Ephemeral	2.0	6.0	35.020087	-78.739555
142.8	scmo033	UNT to Sandy Creek	Ephemeral	3.0	6.0	35.019857	-78.739891
142.9	scmo034	UNT to Sandy Creek	Ephemeral	4.0	6.0	35.017633	-78.739861
143.2	scmo035	Sandy Creek	Perennial	6.0	10.0	35.013889	-78.740299
143.3	scmf002	UNT to Sandy Creek	Intermittent	4.0	5.0	35.011893	-78.740531
143.4	scmf003	UNT to Sandy Creek	Intermittent	5.0	6.0	35.010230	-78.740722
144.7	scmf001	UNT to Cedar Creek	Intermittent	3.0	6.0	34.990843	-78.742294
146.2	scmp044	UNT to Cedar Creek	Ephemeral	4.0	6.0	34.967071	-78.739725
146.2	scmp043	UNT to Cedar Creek	Perennial	6.0	8.0	34.966232	-78.739379
146.5	scmo039	UNT to Cedar Creek	Intermittent	2.0	4.0	34.962657	-78.738944
146.6	scmo038	UNT to Cedar Creek	Perennial	4.0	10.0	34.961388	-78.739174
146.7	scmo020	UNT to Cedar Creek	Intermittent	3.0	5.0	34.959307	-78.738845
147.0	scmo021	UNT to Cedar Creek	Ephemeral	2.0	4.0	34.956953	-78.738694
147.1	scmo022	UNT to Cedar Creek	Ephemeral	2.0	6.0	34.952158	-78.738058
149.8	ocmo004	Unnamed Pond	Non-flowing	NA	NA	34.914710	-78.756188
150.3	scmp051	UNT to Big Alligator Swamp	Ephemeral	4.0	6.0	34.908383	-78.760223
150.4	scmp054	UNT to Big Alligator Swamp	Ephemeral	2.0	5.0	34.907325	-78.760684
150.4	scmp053	UNT to Big Alligator Swamp	Intermittent	10.0	12.0	34.907300	-78.761355

TABLE 3.2-1 (cont'd)

Atlantic Coast Pipeline
Surveyed Waterbodies

Facility/State/ County/ Approximate Milepost	Unique ID	USGS Name	Hydrologic Regime	OHWM Width (feet)	Bank to Bank Width (feet)	Latitude	Longitude
150.4	scmp052	UNT to Big Alligator Swamp	Perennial	15.0	17.0	34.907050	-78.760841
151.1	scmp056	UNT to Big Alligator Swamp	Intermittent	10.0	13.0	34.897139	-78.767850
151.6	scmo028	UNT to Hair Canal	Perennial	5.0	8.0	34.891271	-78.773320
151.7	scmo029	Hair Canal	Perennial	15.0	25.0	34.890633	-78.774917
152.8	scmr003	UNT to Cape Fear River	Intermittent	28.0	40.0	34.878505	-78.789084
153.1	scmr002	UNT to Cape Fear River	Perennial	9.0	12.0	34.877922	-78.794237
153.2	scmr001	UNT to Cape Fear River	Intermittent	4.0	8.0	34.878005	-78.796157
153.5	scmp048	UNT to Cape Fear River	Ephemeral	2.0	4.0	34.879331	-78.801778
153.8	scmp045	UNT to Cape Fear River	Perennial	12.0	14.0	34.879820	-78.807963
154.0	scmp046	UNT to Cape Fear River	Perennial	6.0	7.0	34.880248	-78.811483
154.1	scmp047	UNT to Cape Fear River	Perennial	60.0	65.0	34.880358	-78.814752
154.2	scmo026	Cape Fear River	Perennial	333.0	335.0	34.880688	-78.815810
154.3	scmo027	UNT to Cape Fear River	Intermittent	6.0	6.0	34.880832	-78.816992
154.3	scmr004	UNT to Cape Fear River	Intermittent	1.0	2.0	34.881141	-78.818156
154.6	scmo024	UNT to Cape Fear River	Perennial	10.0	12.0	34.879684	-78.823370
154.6	scmo025	UNT to Cape Fear River	Intermittent	3.0	5.0	34.879943	-78.823418
154.7	scmo023	UNT to Cape Fear River	Intermittent	3.0	7.0	34.879137	-78.824417
155.1	scmo040	UNT to Cape Fear River	Intermittent	4.0	4.0	34.877461	-78.831030
155.2	scmo036	UNT to Cape Fear River	Perennial	2.0	2.0	34.877347	-78.834332
156.4	scmp059	Longs Branch	Perennial	9.0	10.0	34.874207	-78.856416
157.3	scmp050	UNT to Swans Creek	Perennial	2.0	2.0	34.870928	-78.871926
157.3	scmp049	UNT to Swans Creek	Perennial	3.0	4.0	34.870914	-78.872469
158.3	scmg002	UNT to Kirks Mill Creek	Intermittent	4.0	10.0	34.866299	-78.887316
158.3	scmg001	UNT to Kirks Mill Creek	Intermittent	9.0	18.0	34.865895	-78.887786
158.9	scme002	Kirks Mill Creek	Intermittent	2.0	3.0	34.862217	-78.897559
159.1	scmh001	UNT to Kirks Mill Creek	Intermittent	5.0	8.0	34.861050	-78.900496
159.1	ocmh001	Unnamed Pond	Non-flowing	NA	NA	34.860945	-78.901053
Robeson							
160.4	sroo001[c]	Gallberry Swamp	Perennial	15.0	15.0	34.852232	-78.918181
161.8	oroh003	UNT to Little Marsh	Open Water	40.0	50.0	34.838899	-78.932483
161.9	sroh011	UNT to Little Marsh Swamp	Intermittent	8.0	15.0	34.838747	-78.934505
164.2	srog006	UNT Little Marsh Swamp	Intermittent	8.0	10.0	34.849599	-78.970692
166.2	srof001	Mercer Branch	Intermittent	15.0	15.0	34.833362	-78.996812
166.8	srof002	UNT to Black Branch	Ephemeral	5.0	12.0	34.828489	-79.005049
167.0	srof003	Black Branch	Intermittent	8.0	12.0	34.825901	-79.007810
167.2	oroo001	Unnamed Pond	Non-flowing	NA	NA	34.823518	-79.009883
170.0	oroh002	Unnamed Pond	Non-flowing	NA	NA	34.789902	-79.036609
170.2	srog005	UNT to Tenmile Swamp	Ephemeral	3.0	3.0	34.786860	-79.038859
171.4	srog004	UNT to Little Tenmile Swamp	Intermittent	4.0	8.0	34.774637	-79.049150
171.8	sroh015	UNT to Saddletree Swamp	Intermittent	4.0	10.0	34.769338	-79.053544
172.0	sroh013	UNT to Saddletree Swamp	Intermittent	4.0	8.0	34.768957	-79.057743
172.0	srog003	UNT to Little Tenmile Swamp	Intermittent	4.0	10.0	34.767570	-79.054476
172.4	srog002	UNT to Saddletree Swamp	Intermittent	3.0	3.0	34.763329	-79.057731
172.4	sroo002	UT to Saddletree Swamp	Ephemeral	3.0	6.0	34.764871	-79.059556
172.4	srog001	UNT to Saddletree Swamp	Intermittent	3.0	8.0	34.764014	-79.059311

TABLE 3.2-1 (cont'd)

Atlantic Coast Pipeline
Surveyed Waterbodies

Facility/State/ County/ Approximate Milepost	Unique ID	USGS Name	Hydrologic Regime	OHWM Width (feet)	Bank to Bank Width (feet)	Latitude	Longitude
174.0	sroh010	Raft Swamp	Perennial	40.0	50.0	34.761138	-79.086687
177.6	sroc002	UNT to Richland Swamp	Ephemeral	3.0	10.0	34.736179	-79.130043
178.4	sroh009	UNT to Burnt Swamp	Intermittent	3.0	7.0	34.726616	-79.141792
178.5	srop001	Burnt Swamp	Perennial	25.0	25.0	34.724863	-79.142441
178.6	srop002	UNT to Burnt Swamp	Ephemeral	8.0	10.0	34.723550	-79.142477
179.2	srop003	UNT to Burnt Swamp	Perennial	10.0	12.0	34.723229	-79.151366
181.1	sroh008	Moss Neck Swamp	Perennial	20.0	30.0	34.727409	-79.184790
181.3	sroh007	UNT to Moss Neck Swamp	Intermittent	2.0	4.0	34.727260	-79.187911
181.3	sroh006	UNT to Bear Swamp	Intermittent	6.0	10.0	34.726855	-79.187847
181.4	sroe001	UNT to Little Bear Swamp	Intermittent	4.0	7.0	34.726670	-79.189444
181.5	sroe002	UNT to Little Bear Swamp	Intermittent	2.0	5.0	34.725630	-79.191098
181.6	sroh005	UNT to Bear Swamp	Perennial	7.0	10.0	34.724721	-79.191927
181.7	sroh004	UNT to Bear Swamp	Intermittent	3.0	7.0	34.724122	-79.192824
181.7	sroh003	UNT to Bear Swamp	Intermittent	3.0	7.0	34.723687	-79.193882
182.2	sroh002	UNT to Bear Swamp	Intermittent	3.0	6.0	34.722491	-79.201829
182.3	sroh001	UNT to Bear Swamp	Perennial	5.0	8.0	34.721271	-79.202586
LATERAL PIPELINES							
AP-3							
NORTH CAROLINA							
Northampton							
1.3	snrc002	UNT to Jack's Swamp	Ephemeral	3.0	4.0	36.538960	-77.487279
1.5	snrc001	UNT to Jack's Swamp	Ephemeral	3.0	3.0	36.538500	-77.483358
3.6	snrp002	UNT to Cypress Creek	Intermittent	3.0	4.0	36.532223	-77.446360
4.2	snrp003	UNT to Cypress Creek	Intermittent	7.0	8.0	36.532532	-77.436326
5.9	snrp017	UNT to Cypress Creek	Perennial	7.0	8.0	36.524915	-77.406465
5.9	snrp016	UNT to Cypress Creek	Perennial	9.0	10.0	36.524846	-77.406354
6.5	snrp015	UNT to Cypress Creek	Intermittent	4.0	5.0	36.523589	-77.396169
6.6	snrp007	UNT to Cypress Creek	Perennial	4.0	5.0	36.526060	-77.394240
7.0	snrp006	UNT to Cypress Creek	Intermittent	5.0	7.0	36.527726	-77.388193
7.0	snrp005	UNT to Cypress Creek	Perennial	3.0	9.0	36.528412	-77.387431
7.1	snrp004	UNT to Cypress Creek	Intermittent	2.0	7.0	36.528943	-77.386100
7.8	snrb101	UNT to Cypress Creek	Ephemeral	2.0	4.0	36.531664	-77.374653
9.5	snrp014	UNT to Cypress Creek	Ephemeral	5.0	6.0	36.540044	-77.345386
9.5	snrp013	UNT to Cypress Creek	Ephemeral	5.0	6.0	36.539847	-77.345156
10.0	snro004	UNT to Cypress Creek	Perennial	8.0	10.0	36.534094	-77.339306
10.0	snro003	Cypress Creek	Perennial	30.0	32.0	36.534049	-77.338677
10.1	onro001	Unnamed Pond	Non-flowing	NA	NA	36.533531	-77.338479
10.2	snro002	UNT to Cypress Creek	Perennial	3.0	4.0	36.534272	-77.334917
10.3	snro001	Cypress Creek	Perennial	3.0	4.0	36.535004	-77.333222

TABLE 3.2-1 (cont'd)

Atlantic Coast Pipeline
Surveyed Waterbodies

Facility/State/ County/ Approximate Milepost	Unique ID	USGS Name	Hydrologic Regime	OHWM Width (feet)	Bank to Bank Width (feet)	Latitude	Longitude
10.8	snrr004	UNT to Meherin River	Ephemeral	3.0	3.0	36.534265	-77.323753
11.2	snrr001	UNT to Meherin River	Intermittent	8.0	15.0	36.538106	-77.319325
11.6	snrp012	UNT to Meherrin River	Intermittent	4.0	7.0	36.542159	-77.312162

[a] Waterbody shlh001 is located on the border of Northampton and Halifax Counties. The datasheet was recorded in Halifax County.
[b] Waterbody snag001 is located on the border of Halifax and Nash Counties. The datasheet was recorded in Nash County.
[c] Waterbody sroo001 is located on the border of Robeson and Cumberland Counties. The datasheet was recorded in Robeson County.

TABLE 3.5-1

Atlantic Coast Pipeline
Non-Water Points

Facility/State/ County/ Approximate Milepost	Unique ID	Non-Water Point Type	Latitude	Longitude
MAINLINE PIPELINES				
AP-2				
NORTH CAROLINA				
Northampton				
5.1	nonre003	NHD Line	36.485191	-77.549691
Halifax				
10.0	nohlo001	NWI Poly	36.415575	-77.557810
10.1	nohlo002	NHD Line	36.416516	-77.563053
10.1	nohlh005	NWI Poly	36.414415	-77.559445
10.7	nohlo006	NHD Line	36.409143	-77.569579
10.8	nohlh004	NHD Line	36.412804	-77.578300
11.3	nohlo004	NHD Line	36.403367	-77.576829
11.6	nohlo005	NHD Line	36.402470	-77.581847
14.4	nohlh003	Other	36.371272	-77.607274
15.6	nohlf001	NHD Line	36.358062	-77.621761
18.2	nohlb051	NHD Line	36.327993	-77.646034
18.2	nohlb050	NHD Line	36.327853	-77.646541
18.5	nohlg001	NWI Poly	36.324001	-77.647055
24.5	nohlr002	NHD Line	36.252805	-77.704842
24.6	nohlr003	NHD Line	36.251105	-77.705003
24.7	nohlr001	NHD Line	36.252438	-77.709501
25.0	nohlb100	NHD Line	36.247001	-77.709276
29.0	nohlr004	NHD Line	36.211710	-77.757308
29.1	nohlr005	NHD Line	36.207230	-77.757806
33.3	nohle001	NHD Line	36.152887	-77.789919
Nash				
34.0	nonag001	Other	36.145041	-77.795397
34.4	nonae001	NHD Line	36.139602	-77.799046
34.4	nonah005	NHD Line	36.139982	-77.801393
39.7	nonah001	NWI Poly	36.079773	-77.855802
40.3	nonah002	NWI Poly	36.073331	-77.862122
45.7	nonao002	NHD Line	36.021948	-77.896080
47.4	nonah004	Other	36.002207	-77.909843
48.3	nonae003	NHD Line	35.990803	-77.909253
51.3	nonar001	NWI Poly	35.961237	-77.938669
51.4	nonar002	NWI Poly	35.960446	-77.939182
52.0	nonab100	NWI Poly	35.952728	-77.943274
63.2	nonao001	NWI Poly	35.814500	-78.036411
Wilson				
68.9	nowio001	NHD Poly	35.746137	-78.069368
70.5	nowio002	NHD Line	35.729263	-78.085241
76.4	nowia001	NHD Line	35.658729	-78.127927

TABLE 3.5-1 (cont'd)

Atlantic Coast Pipeline
Non-Water Points

Facility/State/ County/ Approximate Milepost	Unique ID	Non-Water Point Type	Latitude	Longitude
Johnston				
83.4	nojoe001	NWI Poly	35.587345	-78.207023
88.8	nojop001	NWI Poly	35.536398	-78.246445
88.9	nojop002	NWI Poly	35.535083	-78.244796
93.8	nojob011	NHD Line	35.492261	-78.296880
94.7	nojob010	NHD Line	35.480072	-78.303422
94.7	nojob009	NHD Line	35.480133	-78.304402
97.2	nojoo002	NHD Line	35.448685	-78.318774
97.2	nojoo003	NHD Line	35.448032	-78.318707
97.2	nojor001	NHD Line	35.450823	-78.311736
98.7	nojop000	NHD Line	35.434191	-78.340408
98.8	nojoo005	NHD Line	35.432793	-78.342710
101.2	nojoe002	NHD Line	35.404127	-78.365369
101.5	nojob006	NHD Line	35.400606	-78.366218
101.8	nojob005	NHD Line	35.396143	-78.367386
101.8	nojob004	NHD Line	35.395987	-78.367374
101.9	nojob007	NWI Poly	35.393880	-78.367944
102.0	nojob003	NHD Line	35.392580	-78.368921
102.2	nojob002	NHD Line	35.390886	-78.370266
102.9	nojob001	NHD Line	35.383361	-78.376466
106.3	nojob101	NHD Line	35.344965	-78.403478
106.5	nojoe003	NHD Line	35.342985	-78.403852
110.0	nojob100	NHD Line	35.303898	-78.442042
111.5	nojor002	NWI Poly	35.301103	-78.465472
113.7	nojoe005	NHD Line	35.302361	-78.503231
114.2	nojoq001	NHD Line	35.300527	-78.511797
114.6	nojoa002	NHD Line	35.299651	-78.518986
114.8	nojoq002	NHD Line	35.298891	-78.523023
Sampson				
115.4	nosao004	NHD Line	35.292358	-78.530724
115.5	nosao003	NHD Line	35.291573	-78.531518
115.6	nosao002	NHD Line	35.291128	-78.532239
116.0	nosao001	NHD Line	35.288067	-78.538760
118.9	nosao006	NHD Line	35.255892	-78.565007
119.0	nosao005	NHD Line	35.255709	-78.565968
119.3	nosao007	NHD Line	35.252508	-78.569193
Cumberland				
123.0	nocme002	NHD Line	35.225440	-78.624347
123.0	nocme003	NHD Line	35.227160	-78.626017
123.1	nocme040	NHD Line	35.227103	-78.626024
124.5	nocmo011	NHD Line	35.215479	-78.647216
132.3	nocmb101	NHD Line	35.163857	-78.750234
132.8	nocmo029	NWI Poly	35.160222	-78.757864

TABLE 3.5-1 (cont'd)

Atlantic Coast Pipeline
Non-Water Points

Facility/State/ County/ Approximate Milepost	Unique ID	Non-Water Point Type	Latitude	Longitude
132.8	nocmo028	NHD Line	35.160002	-78.758602
139.3	nocmo030	NHD Line	35.072892	-78.733976
142.5	nocmo026	NHD Line	35.024791	-78.739142
147.4	nocmr006	Aerial Signature	34.948020	-78.737721
148.2	nocmo027	NHD Line	34.936272	-78.741540
150.3	nocmp013	NWI Poly	34.907993	-78.760468
150.9	nocmp015	Aerial Signature	34.899944	-78.766968
151.3	nocmo024	NHD Line	34.894585	-78.770175
152.5	nocmr005	NWI Poly	34.881042	-78.785101
152.6	nocmr003	NWI Poly	34.880466	-78.786518
153.0	nocmr002	NHD Line	34.878048	-78.792977
153.0	nocmr001	NHD Line	34.877934	-78.793829
153.5	nocmp012	NHD Line	34.879289	-78.803423
154.3	nocmr004	NWI Poly	34.881168	-78.817157
Robeson				
161.8	noroh008	NHD Line	34.838647	-78.932246
166.4	norof001	NWI Poly	34.832010	-78.999610
170.3	norog001	NWI Poly	34.786989	-79.039294
174.8	noroh007	NWI Poly	34.759779	-79.099572
174.8	noroh006	NWI Poly	34.759546	-79.099971
176.0	noroh005	NHD Line	34.753846	-79.119659
176.3	noroh004	NHD Line	34.751324	-79.124321
177.9	noroh003	NWI Poly	34.730645	-79.136274
181.1	noroh002	NWI Poly	34.727593	-79.184154
181.6	noroe001	NHD Line	34.724350	-79.192402
181.9	noroh001	Other	34.723005	-79.196480
LATERAL PIPELINES				
AP-3				
NORTH CAROLINA				
Northampton				
2.6	nonre001	NHD Line	36.535120	-77.463662
6.5	nonro001	NHD Line	36.523345	-77.395737
9.2	nonrp004	NHD Line	36.538258	-77.351004
9.5	nonrp003	NHD Line	36.539901	-77.346237
11.0	nonrp006	NHD Line	36.538953	-77.322595
11.4	nonrp001	NWI Poly	36.540987	-77.316525
11.6	nonrp002	NWI Poly	36.541757	-77.313114

Notes: NHD = National Hydrography Dataset; NWI = National Wetlands Inventory

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APPENDIX A

Wetland Datasheets and Photo Pages

ATLANTIC COAST PIPELINE ENVIRONMENTAL SURVEY

Wetland Datasheets and Photo Pages

MAINLINE PIPELINE

AP-2

North Carolina

ATLANTIC COAST PIPELINE ENVIRONMENTAL SURVEY

Wetland Datasheets and Photo Pages

MAIN LINE PIPELINE

AP-2

Northampton County

ATLANTIC COAST PIPELINE ENVIRONMENTAL SURVEY

Wetland Datasheets and Photo Pages

MAINLINE PIPELINE

AP-2

Halifax County

ATLANTIC COAST PIPELINE ENVIRONMENTAL SURVEY

Wetland Datasheets and Photo Pages

MAINLINE PIPELINE

AP-2

Nash County

ATLANTIC COAST PIPELINE ENVIRONMENTAL SURVEY

Wetland Datasheets and Photo Pages

MAINLINE PIPELINE

AP-2

Wilson County

ATLANTIC COAST PIPELINE ENVIRONMENTAL SURVEY

Wetland Datasheets and Photo Pages

MAINLINE PIPELINE

AP-2

Johnston County

ATLANTIC COAST PIPELINE ENVIRONMENTAL SURVEY

Wetland Datasheets and Photo Pages

MAINLINE PIPELINE

AP-2

Sampson County

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MAINLINE PIPELINE

AP-2

Cumberland County

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MAINLINE PIPELINE

AP-2

Robeson County

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LATERAL PIPELINE

AP-3

North Carolina

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Wetland Datasheets and Photo Pages

LATERAL PIPELINE

AP-3

Northampton County

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APPENDIX B

Waterbody Datasheets and Photo Pages

ATLANTIC COAST PIPELINE ENVIRONMENTAL SURVEY

Waterbody Datasheets and Photo Pages

MAINLINE PIPELINE

AP-2

North Carolina

ATLANTIC COAST PIPELINE ENVIRONMENTAL SURVEY

Waterbody Datasheets and Photo Pages

MAINLINE PIPELINE

AP-2

Northampton County

ATLANTIC COAST PIPELINE ENVIRONMENTAL SURVEY

Waterbody Datasheets and Photo Pages

MAINLINE PIPELINE

AP-2

Halifax County

ATLANTIC COAST PIPELINE ENVIRONMENTAL SURVEY

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MAINLINE PIPELINE

AP-2

Nash County

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MAINLINE PIPELINE

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Wilson County

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MAINLINE PIPELINE

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Johnston County

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APPENDIX C

Seep Point Photo Pages

ATLANTIC COAST PIPELINE ENVIRONMENTAL SURVEY

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APPENDIX D

Non-Water Point Datasheets and Photo Pages

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APPENDIX E

U.S. Geological Survey (USGS) 7.5-Minute Topographic and Aerial Photography Maps