



## **MVP Southgate Project**

Docket No. CP19-XX-000

## **Resource Report 4 – Cultural Resources**

November 2018

## MVP Southgate Project Resource Report 4 – Cultural Resources

| <b>Resource Report 4 - Filing Requirements</b>  |  |
|---|--|
| <b>Information</b>  | <b>Location in Resource Report</b>                             |
| <b>Minimum Filing Requirements</b>  |  |
| 1. Initial cultural resources consultation and documentation, and documentation of consultation with Native Americans. (§ 380.12(f)(1)(I) & (2))<br>See § 380.14 for specific procedures.   | Section 4.3.3,<br>Appendix 4-A                                 |
| 2. Overview/Survey Report(s). (§ 380.12(f)(1)(ii) & (2)) <ul style="list-style-type: none"> <li>• See § 380.14 for specific procedures.</li> <li>• For the offshore area this will usually require completion of geophysical and other underwater surveys before filing.</li> </ul> | Appendices 4-D, 4-E,<br>4-F, and 4-G                           |
| <b>Additional Information Often Missing and Resulting in Data Requests</b>  |  |
| 3. Identify the project APE in terms of direct or indirect effects to known cultural resources.   | Section 4.4  |
| 4. Provide a project map with mileposts clearly showing boundaries of all survey areas (right-of-way, extra work areas, access roads, etc.). Ensure that you mark mileposts, clearly specify survey corridor widths, and clearly indicate where you have not completed surveys.     | Appendix 4-B   |
| 5. Provide documentation of consultation with applicable State Historic Preservation Offices (SHPO), Tribal Historic Preservation Offices (THPO), and land-managing agencies regarding the need for and required extent of cultural resource surveys.                               | Section 4.3,<br>Appendix 4-A                                   |
| 6. Provide a narrative summary of overview results, cultural resource surveys completed, identified cultural resources and any cultural resource issues.  | Section 4.5  |
| 7. Provide a project specific Ethnographic Analysis (can be part of Overview/Survey Report).  | Part of Overview/Survey<br>Reports (Appendices 4-D<br>and 4-E) |
| 8. Identify by mileposts any areas requiring survey for which the landowner denied access.  | Section 4.5,<br>Appendix 4-B                                   |
| 9. Provide written comments on the Overview and Survey Reports from the applicable SHPOs, THPOs, and land-managing agencies, if available.  | Not Available  |
| 10. Provide a Summary Table of completion status of cultural resource surveys, and applicable SHPO or THPO and land-managing agency comments on the reports.  | Section 4.5  |
| 11. Provide a Summary Table of identified cultural resources, and applicable SHPO or THPO and land-managing agency comments on the eligibility recommendations for those resources.   | Section 4.5  |
| 12. Provide a brief summary of the status of contact with federally recognized Indian tribes, including copies of all related correspondence and records of verbal communications.  | Section 4.3.3,<br>Appendix 4-A                                 |
| 13. Provide a brief summary of comments received from stakeholders regarding cultural resources.  | Section 4.3.4  |
| 14. Provide a schedule for completing any outstanding cultural resource studies.  | Section 4.5.3  |
| 15. Provide an Unanticipated Discoveries Plan for the project area, referencing appropriate state statutes.   | Section 4.6,<br>Appendix 4-C                                   |

# RESOURCE REPORT 4 CULTURAL RESOURCES

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## RESOURCE REPORT 4 CULTURAL RESOURCES

### LIST OF ACRONYMS AND ABBREVIATIONS

|                              |   |
|------------------------------|---|
| ACHP                         | Advisory Council on Historic Preservation         |
| AL                           | Alamance County (in access road designations)     |
| APE                          | Area of Potential Effects                         |
| Certificate                  | Certificate of Public Convenience and Necessity   |
| CFR                          | Code of Federal Regulations                       |
| CL                           | Centerline  |
| CLG                          | Certified Local Government                        |
| FERC or Commission           | Federal Energy Regulatory Commission              |
| GIS                          | Geographic Information System                     |
| GPS                          | Global Positioning System                         |
| Mountain Valley              | Mountain Valley Pipeline, LLC                     |
| MP                           | milepost  |
| NRHP                         | National Register of Historic Places              |
| NC HPO                       | North Carolina Historic Preservation Office       |
| NEPA                         | National Environmental Policy Act                 |
| NGO                          | Non-governmental organization                     |
| NHPA                         | National Historic Preservation Act                |
| OSA                          | North Carolina Office of State Archaeology        |
| PA                           | Permanent Access Road                             |
| PI                           | Pittsylvania County (in access road designations) |
| Project or Southgate Project | MVP Southgate Project                             |
| RO                           | Rockingham County (in access road designations)   |
| SHPO                         | State Historic Preservation Officer               |
| TA                           | Temporary Access Road                             |
| THPO                         | Tribal Historic Preservation Officer              |
| TRC                          | TRC Environmental Corporation                     |
| U.S.                         | United States                                     |
| V-CRIS                       | Virginia Cultural Resources Information System    |
| VDHR                         | Virginia Department of Historic Resources         |

## RESOURCE REPORT 4 CULTURAL RESOURCES

### 4.1 INTRODUCTION

Mountain Valley Pipeline, LLC (“Mountain Valley”) is seeking a Certificate of Public Convenience and Necessity from the Federal Energy Regulatory Commission (“FERC” or “Commission”) pursuant to Section 7(c) of the Natural Gas Act to construct and operate the MVP Southgate Project (“Southgate Project” or “Project”). The Southgate Project facilities will be located in Pittsylvania County, Virginia and Rockingham and Alamance counties, North Carolina. See Resource Report 1 (General Project Description) for additional Project information.

#### 4.1.1 Environmental Resource Report Organization

Resource Report 4 is prepared and organized according to the FERC *Guidance Manual for Environmental Report Preparation* (February 2017). This report comprises six major sections and a separate section containing references. Following this introduction (Section 4.1), Section 4.2 discusses the scope and authority of the review process, while Section 4.3 discusses coordination with State and Federal agencies, Native American groups, and other interested parties. The direct and indirect area of potential effects (“APE”) for the Project are defined in Section 4.4, and Section 4.5 presents the methods and results of the cultural resources investigations to date. Section 4.6 discusses the Project’s Unanticipated Discoveries Plan, and Section 4.7 contains the References.

### 4.2 SCOPE AND AUTHORITY

The Southgate Project is being reviewed under Section 106 of the National Historic Preservation Act (“NHPA”) of 1966, as amended and under the National Environmental Policy Act of 1969 (“NEPA”). Prior to authorizing an undertaking (e.g., the issuance of a FERC Certificate), Section 106 requires federal agencies, including the FERC, to take into account the effect of that undertaking on cultural resources listed or eligible for listing in the National Register of Historic Places (“NRHP”) and afford the Advisory Council on Historic Preservation (“ACHP”) an opportunity to comment on the undertaking. The Section 106 compliance process is coordinated at the state level by the State Historic Preservation Officer (“SHPO”), represented in Virginia by the Virginia Department of Historic Resources (“VDHR”) and in North Carolina by the North Carolina Historic Preservation Office (“NC HPO”). The FERC, as the lead federal agency, must consult with the VDHR, NC HPO, and federally-recognized Native American groups regarding the potential effects of the Project on historic properties. The Project, as a non-federal party, is assisting the FERC to fulfill its obligations under Section 106 and the ACHP’s implementing regulations at 36 Code of Federal Regulations (“CFR”) 800.

The primary goals of cultural resources investigations conducted as part of the Section 106 review are to:

- Locate, document, and evaluate buildings, structures, objects, landscapes, and archaeological sites that are listed, or eligible for listing, in the NRHP;
- Assess potential effects of the Project on those resources; and
- Provide recommendations for subsequent treatment, if necessary, to assist with compliance with Section 106.

In addition to complying with Section 106 and its implementing regulations (36 CFR Part 800, *Protection of Historic Properties*), the cultural resources investigations are being conducted for the Project in accordance with 18 CFR Part 380, the FERC's *Regulations Implementing the National Environmental Policy Act* (including Sections 380.3 – Environmental Information to be Supplied by an Applicant and 380.14 – Compliance with the National Historic Preservation Act); the FERC's Office of Energy Projects' *Guidelines for Reporting on Cultural Resources Investigations for Natural Gas Projects* (FERC, 2017a) and *Guidance Manual for Environmental Report Preparation* (FERC, 2017b); and the Secretary of the Interior's *Standards and Guidelines for Archeology and Historic Preservation* (48 Federal Register 44716-42, Sept. 29, 1983). The work also conforms to the relevant SHPO guidelines, including the VDHR's *Guidelines for Conducting Historic Resources Survey in Virginia* (VDHR, 2017) and the NC HPO's *Archaeological Investigation Standards and Guidelines* (NC HPO, 2017) and *Report Standards for Historic Structure Survey Reports/Determinations of Eligibility/Section 106-110 Compliance Reports in North Carolina* (NC HPO, 2016).

### **4.3 AGENCY AND NATIVE AMERICAN COORDINATION**

The Southgate Project is assisting the FERC in meeting its Section 106 obligations by conducting Section 106 coordination with various state and local agencies and Native American groups located in or having interests regarding cultural resources in Virginia and North Carolina. Section 4.3 details the correspondence the Project has conducted to date with each of these entities. Correspondence related to the cultural resources surveys for the Project referenced below is included in Appendix 4-A, and additional correspondence will be forwarded to the Commission upon receipt.

#### **4.3.1 Virginia Department of Historic Resources**

The Southgate Project submitted a Project information package to the VDHR for review and comment on April 27, 2018. On May 17, 2018, Project staff met with VDHR staff to discuss the Project. Topics covered the Project facilities and routing, the nature of the direct and indirect area of potential effects ("APEs"), the types of cultural resources expected to be encountered (potentially including archaeological sites, aboveground resources, historic districts, and cultural landscapes), proposed methods for identification and evaluation of resources, and proposed coordination with Native American groups.

On June 4, 2018, the Southgate Project provided the VDHR with a Geographic Information System ("GIS") shapefile of the Project facilities as well as detailed protocols for the identification and assessment of historic architectural resources, including the nature of the Project indirect effects APE. On July 2, 2018, the Project provided the VDHR with detailed protocols for the identification and assessment of archaeological resources and for archaeological deep testing (should it prove necessary), including the nature of the Project direct effects APE. On August 3, 2018, the Project contacted the VDHR to invite VDHR staff for site visits and to inform the VDHR that Draft Resource Report 4 and the Project-specific Unanticipated Discoveries Plan would be filed with FERC and submitted to the VDHR for comment later in August. Draft Resource Report 4 and the Plan for Unanticipated Discoveries of Historic Properties and Human Remains were submitted to the VDHR for comment on August 13, 2018 (digitally) and on August 16, 2018 (hard copy). On September 14, 2018, the VDHR responded via letter that Draft Resource Report 4 satisfactorily describes the work to date and that the Plan for Unanticipated Discoveries of Historic Properties and Human Remains was satisfactory.

### 4.3.2 North Carolina Historic Preservation Office

The Southgate Project submitted a Project information package to the NC HPO for review and comment on April 27, 2018. On May 10, 2018, the Project staff met with NC HPO staff to discuss the Project. Topics covered the Project facilities and routing, the nature of the direct and indirect effects APEs, the types of cultural resources expected to be encountered (potentially including archaeological sites, aboveground resources, historic districts, and cultural landscapes), proposed methods for identification and evaluation of resources, and proposed coordination with Native American groups. On May 21, 2018, the NC HPO responded to the information provided and provided additional guidance regarding Project review procedures. In addition, on May 17 and May 22, 2018, the NC HPO provided information on historical associations and other potentially interested groups within the Project area.

On June 4, 2018, the Southgate Project provided the NC HPO with a GIS shapefile of the Project as well as detailed protocols for the identification and assessment of archaeological and historic architectural resources. On July 6, 2018, the NC HPO approved the protocols and requested additional information concerning the protection of potential graves that might be encountered during Project investigations. The revised protocols were provided on August 13, 2018. On July 24 and 27, 2018, the Project and the NC HPO exchanged emails concerning planning for upcoming NC HPO staff visits to the Project. On August 3, 2018, the Project contacted the NC HPO to alert the NC HPO that Resource Report 4 and the Project Unanticipated Discoveries Plan would be filed with FERC and submitted to the NC HPO for comment later in August, and to continue planning the site visits. On August 21, 2018, four members of the NC HPO staff visited the Southgate Project. Draft Resource Report 4 and the Plan for Unanticipated Discoveries of Historic Properties and Human Remains were submitted to the NC HPO for comment on August 13, 2018, along with the revised protocols for the identification of archaeological resources. On September 6, 2018, the NC HPO responded via letter approving the revised protocols and the Plan for Unanticipated Discoveries of Historic Properties and Human Remains.

### 4.3.3 Native American Coordination

The Southgate Project, on behalf of the FERC, contacted (via email, phone calls, and meetings) federally-recognized Native American groups to provide them the opportunity to identify concerns related to the Project. Information on those tribes and contacts, and responses received to date, is provided in Table 4.3-1 (see Tables Section) and in Appendix 4-A. As of October 15, 2018, three tribes, the Catawba Indian Nation, the Chickahominy Tribe, and the Upper Mattaponi Tribe have requested further coordination on the Project under the Section 106 review process. In addition, on August 3, 2018, the Monacan Indian Nation contacted the FERC and requested consulting party status on the Project, and on September 10, 2018, the Cheyenne River Sioux and Rosebud Sioux tribes contacted the FERC and requested consulting party status on the Project. Three tribes, the Delaware Tribe of Indians, the Eastern Band of Cherokee Indians, and the Muscogee (Creek) Nation have responded that the Project is outside their areas of interest.

Notice that Draft Resource Report 4 and the Plan for Unanticipated Discoveries of Historic Properties and Human Remains were available for review was provided to the federally recognized tribes on August 31, 2018. On September 28, 2018, the Catawba Indian Nation responded via letter that it has no immediate concerns regarding the Project but wish to be notified if Native American artifacts and/or human remains are located during the ground disturbance phase of the Project.

In addition to contacting the federally-recognized Native American groups, the Southgate Project is contacting the North Carolina Commission on Indian Affairs, which represents both federally and non-federally recognized Native American tribes residing in North Carolina, to provide it an opportunity to identify concerns related to the Project. The Project also is contacting the individual non-federally recognized tribes in North Carolina and Virginia to provide those groups the opportunity to identify concerns related to the Project. Information on those contacts, and responses received to date, are provided in Table 4.3-2 (see Tables Section). In addition, on August 2, 2018, the Sappony Tribe (a non-federally recognized tribe in North Carolina) contacted the FERC and requested consulting party status on the Project, and on October 15, 2018, the Occaneechi Band of the Saponi Nation (a non-federally recognized tribe in North Carolina) contacted the FERC and requested consulting party status on the Project.

#### **4.3.4 Coordination with Other State and Local Agencies and with Individuals**

As of October 15, 2018, the Southgate Project has provided information on the Project to one Certified Local Government (“CLG”) and one historical association in Virginia (Table 4.3-3, see Tables Section). The Pittsylvania Historical Society has responded expressing an interest in the Project, and coordination with that group is ongoing.

The Southgate Project has provided information on the Project to two CLGs and eight historical or genealogical associations or museums in North Carolina, one of which also has interests in Virginia (Table 4.3-4, see Tables Section). As of October 15, 2018, the Alamance County Historical Properties Commission, the Graham Historical Museum, and the Rockingham County Historical Society have responded expressing an interest in the Project, and coordination with those groups is ongoing.

The FERC is using the NEPA scoping and public comment process as its public participation process under Section 106, and several individuals and one organization (Preservation Virginia) have provided comments relating to cultural resources. Information relating to potential cultural resources identified by those parties is provided in Table 4.3-5 (see Tables Section).

### **4.4 AREA OF POTENTIAL EFFECTS**

The APE is the “geographic area or areas within which an undertaking may directly or indirectly cause changes in the character of or use of historic properties, if any such properties exist” (36 CFR 800.16(d)). The APE is defined based on the *potential* for effect, which may differ for aboveground cultural resources (historic structures and landscapes) and subsurface resources (archaeological sites).

#### **4.4.1 Direct Effects APE**

The Project APE for direct effects was determined to include all areas where ground-disturbing activities may take place. The APE for direct effects includes a 300- or 400-foot-wide study corridor that subsumes areas of ground disturbance for the pipeline trench, as well as associated temporary workspaces (temporary construction right-of-way and additional temporary workspace). The APE for direct effects is 300 feet wide where the corridor is not collocated with other utility corridors, and 400 feet wide where it is collocated. Within this corridor, a 100-foot-wide right-of-way would include construction areas and additional temporary workspaces. The 100-foot right-of-way will consist of 50 feet of permanent easement centered over the pipeline and 50 feet of temporary workspace. The direct effects APE also includes Project-related facilities outside of the corridor, such as access roads, cathodic protection ground beds,

compressor and meter stations, and contractor yards. The direct effects APE also includes areas of the pipeline that will be installed using the horizontal directional drill method.

#### **4.4.2 Indirect Effects APE**

The indirect effects APE is the area within which any resources (including individual resources, potential historic districts, or cultural landscapes) might be within view of proposed vegetation clearing or aboveground construction, or otherwise potentially affected by Project activities. The indirect effects APE will minimally consist of a 450-foot-wide corridor centered on the pipeline centerline, 250-foot-wide corridors centered on access road centerlines, and an area extending 0.5-mile from the compressor station and meter station sites. The indirect effects APE generally will be terminated 0.5 mile from the pipeline corridor or other Project activity, or where vegetation and/or topography obstructs lines of sight. Figure 4.5-1 (Appendix 4-B) depicts a 0.5-mile radius from all identified Project activities, which generally constitutes the maximum extent of the indirect effects APE.

### **4.5 CULTURAL RESOURCES INVESTIGATIONS**

Cultural resources include archaeological sites, historic standing structures, objects, districts, traditional cultural properties, and other properties that illuminate important aspects of prehistory or history or have important and long-standing cultural associations with established communities or social groups. Significant archaeological and architectural properties are generally identified using the eligibility criteria for listing in the NRHP, in consultation with the SHPOs of the respective states through which a project traverses, and/or Tribal Historic Preservation Officers (“THPOs”) of Native American groups residing in or with historical ties to the area.

The cultural resources investigations for the Southgate Project are being conducted in accordance with FERC and SHPO guidelines. The individuals responsible for conducting the surveys meet or exceed all requirements set forth by the Secretary of Interior at 36 CFR Part 61.

#### **4.5.1 Overview Results**

The initial phase of the investigation involved background research to gather information about previous cultural resources investigations and known archaeological sites and aboveground resources within one-mile of the Project direct effects APE and to determine which Native American groups and other organizations might have interest in the Project. The following methodology was used to complete the overview:

- Identification of any known archaeological sites and previously recorded aboveground cultural resources through background research and state site file searches. Data pertaining to the known resources, including their locational, functional, and temporal characteristics, were reviewed where applicable;
- Review of recent cultural resources studies performed in the counties where the Project is located;
- Review of primary and secondary historic information (such as maps or county histories) to identify areas where previous structures and landscapes were potentially located;
- Research concerning the Native American groups formerly and presently residing in the Project area;



- Conversations with VDHR and NC HPO staff concerning Native American groups with interests in the Project area; and
- Contacts with Native American groups and others to request information regarding the area.

As part of this work, the Project conducted research at the VDHR and NC HPO offices and in various other repositories.

### **Archaeological Sites**

The VDHR archaeological site files are part of the state database system known as the Virginia Cultural Resources Information System (“V-CRIS”). The Southgate Project conducted a site file search of the VDHR files in April 2018 and updated that search on September 26, 2018. V-CRIS contains records for 79 archaeological sites that have been previously recorded within 0.5-mile of the Project including 24 precontact sites, 19 precontact and postcontact sites, and 36 postcontact sites. Information on those resources is provided in Table 4.5-1 (see Tables Section). Of those 79 sites, two have been determined eligible for the NRHP by the VDHR, three are considered potentially eligible for the NRHP, 42 have not been evaluated for NRHP eligibility, and 32 have been determined not eligible for the NRHP by the VDHR.

The NC HPO archaeological site files are maintained by the North Carolina Office of State Archaeology (“OSA”). The Southgate Project conducted a site file search of the OSA files in April 2018 and updated that search on September 26, 2018. The OSA files contain records for 63 archaeological sites that have been previously recorded within 0.5-mile of the Project, including 46 precontact sites, 12 precontact and postcontact sites, and five postcontact sites. Information on those sites is provided in Table 4.5-2 (see Tables Section). Of those 63 sites, two are listed in the NRHP, 33 are unassessed for NRHP eligibility, and 28 have been determined not eligible for the NRHP by NC HPO.

### **Aboveground Cultural Resources**

A search of V-CRIS revealed 79 postcontact aboveground cultural resources recorded within 0.5-mile of the Project in Virginia. Information on those resources is provided in Table 4.5-3 (see Tables Section). Those 79 resources include four that are listed in the NRHP, five that have been determined eligible for the NRHP by the VDHR (including three that have been determined eligible for Environmental Review purposes only), 21 that have been determined not eligible for the NRHP by the VDHR, and 48 that the VDHR has not evaluated for NRHP eligibility. An additional resource bears the notation “Primary resource is no longer extant” but has apparently not been evaluated for NRHP eligibility by the VDHR.

A search of NC HPO records revealed 94 postcontact aboveground cultural resources recorded within 0.5-mile of the Project in North Carolina. Information on those resources is provided in Table 4.5-4 (see Tables Section). Of those 94 resources, at least 21 have been demolished since being recorded (including one that had been listed on the NRHP). The 73 remaining previously recorded aboveground resources in North Carolina include five resources listed on the NRHP, five resources that have been placed on the NC HPO study list (indicating that they may be NRHP eligible but require additional evaluation), and 63 that have been surveyed only and have not been assessed for NRHP eligibility.

#### **4.5.2 Archaeological Field Survey**

The Southgate Project is conducting systematic Phase I archaeological field surveys of the Project corridor and other facilities, following the state guidelines and protocols developed for the Project. The survey

procedures include a pedestrian walkover of all portions of the APE, systematic surface examination of all suitable areas, and systematic subsurface testing of areas lacking sufficient surface visibility or that have potential for subsurface resources. The archaeological surveys began on May 10, 2018 and are ongoing. This Resource Report 4 contains information on all survey activities conducted through September 20, 2018, and the results of those surveys are provided in Appendices 4-D and 4-E. Additional reports will be filed as access is obtained and surveys and site evaluations are completed.

In Virginia, crews excavate 40-centimeter-diameter shovel tests at maximum intervals of 15 meters within the survey areas; additional close-interval shovel tests are excavated to delineate potential archaeological sites and finds. Shovel tests are excavated in arbitrary 10-centimeter levels to sterile subsoils (with the exception of disturbed plow zone soils, which are excavated as a single level), unless natural obstructions (e.g., rocks, bedrock, or roots) prevent further excavation. Excavated soil is hand screened through 0.25-inch wire mesh hardware cloth. Cultural materials remaining in the mesh are bagged and tagged by level within each shovel test pit, and the counts and types of recovered cultural material are noted on field forms. Soil profiles are recorded for each shovel test on standardized forms. All shovel tests are filled following excavation to restore the ground surface to its original contour. Digital photographs are taken of the general Project area and recorded on standardized logs. Sub-meter Global Positioning System (“GPS”) data are collected from each shovel test excavated within the study area. Visible surface features (e.g., foundations) encountered during the survey are recorded through description and photographs, and locational data are collected with the GPS and drawn on Project maps.

In North Carolina, crews excavate 30- to 40-centimeter-diameter shovel tests at intervals of 30 meters within the survey areas; additional close-interval shovel tests are excavated to delineate potential archaeological sites and finds. Tests are excavated in arbitrary 10-centimeter levels to sterile subsoils (with the exception of disturbed plow zone soils, which are excavated as a single level), unless natural obstructions (e.g., rocks, bedrock, or roots) prevent further excavation. Excavated soil is hand screened through 0.25-inch wire mesh hardware cloth. Cultural materials remaining in the mesh are bagged and tagged by level within each shovel test, and the counts and types of recovered cultural material are noted on field forms. Soil profiles are recorded for each shovel test on standardized forms. All shovel tests are filled following excavation to restore the ground surface to its original contour. Digital photographs are taken of the general Project area and recorded on standardized logs. Sub-meter GPS data are collected from each shovel test excavated within the study area. Visible surface features (e.g., foundations) encountered during the survey are recorded through description and photographs, and locational data are collected with the GPS and drawn on Project maps.

Tables 4.5-5 and 4.5-6 (see Tables Section) describe the completion status for the cultural resources surveys along the pipeline route and of aboveground facility sites as of September 20, 2018. This information is also provided graphically in Figure 4.5-1 (Appendix 4-B), which depicts both the direct effects APE and the maximum potential extent of the indirect effects APE. As of September 20, 2018, archaeological surveys have been completed for approximately 61.89 miles (84.7 percent) of the pipeline route, including 25.5 miles (97.7 percent) of the route in Virginia and 36.39 miles (77.4 percent) of the route in North Carolina. In addition, surveys have been completed for 18.1 miles (81.6 percent) of access roads in Virginia and 21.2 miles (78.8 percent) of access roads in North Carolina.



## Virginia Archaeological Survey Results

The archaeological surveys in Virginia conducted to date have resulted in the identification of 42 archaeological resources: 31 precontact archaeological sites or isolated finds, six postcontact archaeological sites or isolated finds, and five precontact and postcontact archaeological sites or isolated finds (Table 4.5-7, see Tables Section). These include 23 precontact archaeological sites or isolated finds, five postcontact archaeological sites or isolated finds, and four precontact and postcontact archaeological sites or isolated finds located along the pipeline route; one precontact site located along the pipeline; two precontact sites and one precontact and postcontact site located within the Lambert Compressor Station; one postcontact site situated at a Contractor Yard, and five precontact sites or isolated finds located along access roads. (Cemeteries are considered aboveground resources in Virginia and are not included in these totals.)

Based on the survey data, 31 of the 42 archaeological sites or finds in Virginia appear to have limited research potential within the direct effects APE or otherwise fail to meet the NRHP criteria. Per VDHR guidelines, those sites will be recommended as not eligible for listing in the NRHP under Criteria A–D (if their boundaries have been totally defined within the direct effects APE) or recommended NRHP unassessed (if their boundaries have not been defined), and no further archaeological evaluation will be recommended for the Project (see Table 4.5-7, Tables Section).

The Southgate Project recommends 11 sites in Virginia as NRHP unassessed and requiring additional survey (one site) or avoidance or additional evaluation (10 sites) based on their characteristics within the direct effects APE (Appendix 4-D). Of those 11 sites, three will be avoided, and additional survey or evaluation will be conducted for the remaining eight sites (Table 4.5-7). Results of the additional survey or evaluation will be submitted to the VDHR and tribes, and any necessary avoidance plans will be submitted to the FERC, the VDHR and the tribes for review and approval.

## North Carolina Archaeological Survey Results

The archaeological surveys in North Carolina conducted to date have resulted in the identification of 61 archaeological resources: 40 precontact archaeological sites or isolated finds, seven precontact and postcontact sites or isolated finds, and 14 postcontact sites or isolated finds (including cemeteries; which are considered archaeological sites in North Carolina) (Table 4.5-8, see Tables Section). These include 37 precontact archaeological sites or isolated finds, seven precontact and postcontact sites or isolated finds, and 13 postcontact archaeological sites or isolated finds along the pipeline route; and three precontact sites or isolated finds and one postcontact site along access roads.

Based on the survey data, 49 of the 61 archaeological sites or finds in North Carolina appear to have limited research potential and otherwise fail to meet the NRHP criteria based on the deposits present within the direct effects APE. Per NC HPO guidelines, those sites will be recommended as not eligible for listing in the NRHP under Criteria A–D, and no further archaeological evaluation will be recommended for the Project. These 49 sites include five postcontact cemeteries that will be recommended as not eligible for the NRHP, but that will be avoided by the Project. (One of those, 31RK234, is considered potentially eligible for the NRHP as architectural resource RK1531).

The Southgate Project recommends 12 sites in North Carolina as NRHP unassessed. Of these sites, four will be avoided, and evaluation will be conducted for the remaining eight sites (Table 4.5-8). Results of

the will be submitted to the NC HPO and tribes, and any necessary avoidance plans will be submitted to the FERC, the NC HPO and the tribes for review and approval.

### **4.5.3 Aboveground Cultural Resources Survey**

Following completion of background research, the Southgate Project is conducting systematic surveys of historic architectural properties and other aboveground resources within the Project direct and indirect effects APEs. The fieldwork involves the identification of all aboveground properties within the APE that appear to be at least 50 years old or are included in previous inventories, including potential cultural landscapes and historic districts. Prior to fieldwork, the architectural historians use aerial photographs, topographic maps, and other sources to identify, map, and compile a database of potential aboveground resources within the APEs. Aerial base maps and property parcel maps are then used during the fieldwork to identify the study corridor. The architectural historians visit accessible parcels from public rights-of-way, associated properties, and known or potential historic districts for which any portion of the property intersects with the study corridor. Each property included in the survey is assigned a survey number and plotted on a base map. Data regarding the current condition and significant characteristics of identified properties are recorded, and the information on the inventory forms for previously surveyed properties is verified. Photographs of each surveyed property and its views toward the Project are taken with a high-resolution digital camera. If any potential historic districts are identified, the surveyors will record information about the area's character; photograph streetscapes, views, and individual properties; and identify the boundaries of the potential district.

Based on the condition, integrity, materials, approximate age, design, and setting of the identified resources, a preliminary assessment is formed regarding the potential NRHP eligibility of each property. An assessment of the potential effects of the Project then is conducted for properties that are listed or evaluated as potentially eligible for listing in the NRHP. The assessment takes into account the location of the property in relation to the pipeline, the nature of the potential effects, and the characteristics of the property's significance.

### **Virginia Aboveground Cultural Resources Survey Results**

In Virginia, intensive aboveground survey fieldwork by Southgate Project architectural historians is ongoing. As of September 20, 2018, the Project has identified 74 aboveground resources within the Project study areas in Virginia; an additional 23 previously identified aboveground resources remain to be revisited or redocumented by the Project (Appendix 4-F). Table 4.5-9 (see Tables Section) lists the aboveground resources identified in Virginia for the Project to date. No historic districts or historic cultural landscapes have been identified to date in Virginia. Per VDHR guidelines, historic cemeteries lacking associated archaeological components are classified as aboveground resources in Virginia.

Two of the 74 aboveground resources identified in Virginia are currently listed on or will be recommended eligible for the NRHP, and four of the resources are considered potentially eligible for the NRHP. The NRHP eligibility of one resource is considered undetermined, and the Project recommends the remaining 67 above ground resources in Virginia as not eligible for the NRHP. The Project will complete the survey and assessment of NRHP eligibility of the remaining aboveground resources within the APE and will assess potential Project effects on any resources that are NRHP listed or are determined NRHP eligible. If any of

those resources are to be affected by the Project, the Project then will evaluate measures to avoid, minimize, and/or mitigate those effects.

### **North Carolina Aboveground Cultural Resources Survey Results**

In North Carolina, intensive aboveground survey fieldwork by Southgate Project architectural historians is ongoing. As of September 20, 2018, the Project has identified 267 aboveground resources within the Project study areas in North Carolina (Appendix 4-G). Table 4.5-10 (see Tables Section) lists the aboveground resources identified in North Carolina for the Project to date. No historic districts or historic cultural landscapes have been identified to date in North Carolina. Per NC HPO guidelines, historic cemeteries are generally classified as archaeological sites in North Carolina (although one cemetery that was previously recorded as an aboveground resource is listed here).

Two of the 267 aboveground resources identified in North Carolina are currently listed on the NRHP, while the eligibility status of an additional 16 aboveground resources is presently considered undetermined. The Project will complete the assessment of NRHP eligibility for those resources and will assess potential Project effects to any resources that are NRHP listed or are determined NRHP eligible. If any of those resources are to be affected by the Project, the Project then will evaluate measures to avoid, minimize, and/or mitigate those effects. The Project recommends the remaining 249 aboveground resources in North Carolina as not eligible for the NRHP.

#### **4.5.4 Aboveground Cultural Resource Impacts and Avoidance Measures**

To the greatest extent practicable, the Project will not result in direct effects to NRHP-eligible or -listed aboveground resources as a result of Project construction and operation. The only areas where Project-related impacts may occur is in areas with shallow depth to bedrock where blasting may be required. Where consolidated rock is encountered during construction, the Project's preferred procedure will be to fracture and excavate the bedrock using standard construction equipment. The Project's blasting technique would typically involve small charges strong enough to crack rock in the pipeline centerline. As currently planned, the impact of such blasting is expected to be limited to within 50 feet of the right-of-way. The Project's contractor will prepare a detailed Blasting Plan for each distinct blasting area, which will comply with all permit requirements. Structures within 150 feet, historic or not, will be evaluated for pre- and post-blasting condition. Further details regarding the Project's Blasting Plan and mitigation efforts are included in Resource Report 6.

#### **4.5.5 Summary**

As of September 20, 2018, archaeological survey has been completed for approximately 61.89 miles (84.7 percent) of the Southgate Project pipeline route including 25.5 miles (97.7 percent) of the route in Virginia and 36.39 miles (77.4 percent) of the route in North Carolina. In addition, surveys have been completed for 18.1 miles (81.6 percent) of access roads in Virginia and 21.2 miles (78.8 percent) of access roads in North Carolina.

The archaeological surveys completed to date have resulted in the identification of 103 archaeological resources: 42 in Virginia and 61 in North Carolina. Eighty of these sites are recommended not eligible for listing in the NRHP or otherwise do not require further investigations, including five postcontact cemeteries in North Carolina that will be avoided by the Project. The remaining 23 sites (11 in Virginia and 12 in

North Carolina) would require additional investigation to assess NRHP eligibility. The Project plans to avoid eight of those sites and conduct additional survey or evaluation of 15 of those sites.

The aboveground resources field surveys completed to date have resulted in the identification of 341 aboveground resources: 74 in Virginia and 267 in North Carolina. No historic districts or historic cultural landscapes have been identified. Of the 341 aboveground resources, four are listed on or will be recommended eligible for the NRHP, while the eligibility status of an additional 21 above ground resources is presently considered undetermined. The Project recommends the remaining 316 aboveground resources in North Carolina as not eligible for the NRHP.

The results of those surveys are provided in Appendices 4-D through 4-F and have been submitted to the VDHR, NC HPO, and those Native American groups expressing interest in the Southgate Project. The results of additional surveys and site evaluations will be submitted as addenda reports as they are available. Due to the sensitive nature of some of the material within the reports, those reports will be labeled “**CUI//PRIV – DO NOT RELEASE**” in accordance with FERC procedures and 36 CFR Part 800.11(c)(1).

The Southgate Project’s goal is to build and operate the Project without adverse effects to NRHP-listed and -eligible cultural resources. If any NRHP-listed or -eligible resources cannot be avoided and will be adversely affected by the Project, the Project will develop and implement appropriate treatment plans in consultation with the FERC, the VDHR or NC HPO, interested Native American groups, and other interested parties as appropriate.

#### **4.6 PLAN FOR UNANTICIPATED DISCOVERIES OF HISTORIC PROPERTIES AND HUMAN REMAINS**

The Southgate Project has developed a *Plan for Unanticipated Discoveries of Historic Properties and Human Remains, Virginia and North Carolina* (Appendix 4-C). The plan (or information on its availability) was provided to the VDHR, NC HPO, and Native American groups for review and comment in August 2018. As of October 15, 2018, the VDHR, NC HPO, and Catawba Indian Nation have approved of the plan.

#### **4.7 REFERENCES**

- Federal Energy Regulatory Commission (FERC). 2017a. Guidelines for Reporting on Cultural Resources Investigations for Natural Gas Projects.
- Federal Energy Regulatory Commission (FERC). 2017b. Guidance Manual for Environmental Report Preparation.
- North Carolina Historic Preservation Office (NC HPO). 2016. Report Standards for Historic Structure Survey Reports/Determinations of Eligibility/Section 106-110 Compliance Reports in North Carolina. North Carolina Historic Preservation Office, Raleigh.
- North Carolina Historic Preservation Office (NC HPO). 2017. Archaeological Investigation Standards and Guidelines. North Carolina Historic Preservation Office/Office of State Archaeology, Raleigh.
- Virginia Department of Historic Resources (VDHR). 2017. Guidelines for Conducting Historic Resources Surveys in Virginia. Virginia Department of Historic Resources, Richmond.

# **MVP Southgate Project**

**Docket No. CP19-XX-000**

**Resource Report 4**

**TABLES SECTION**

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| <b>Federally-Recognized Native American Groups Contacted for the MVP Southgate Project<br/>(current as of October 15, 2018)</b> |   |  |
| <b>Tribe Name</b>   | <b>Date(s) Contacted (includes meetings)</b>  | <b>Date(s) Response Received (includes meetings)</b> |
| Catawba Indian Nation   | 5/31/2018, 6/1/2018, 6/28/2018, 7/11/2018, 8/31/2018/ 9/5/2018/ 9/28/2018                       | 5/31/2018, 7/12/2018, 9/28/2018                      |
| Cherokee Nation of Oklahoma   | 8/31/2018   | No response received to date                         |
| Cheyenne River Sioux Tribe  | 6/6/2018, 7/11/2018, 8/31/2018  | No response received to date                         |
| Chickahominy Tribe  | 5/31/2018, 6/1/2018, 6/12/2018, 6/14/2018, 6/25/2018, 6/29/2018, 7/11/2018, 8/31/2018, 9/6/2018 | 5/31/2018, 6/14/2018, 9/6/2018                       |
| Chickahominy Tribe Eastern Division   | 5/31/2018, 6/1/2018, 6/12/2018, 6/14/2018, 8/21/2018, 8/31/2018, 9/6/2018                       | 5/31/2018, 6/14/2018, 9/6/2018                       |
| Delaware Nation   | 6/6/2018, 7/11/2018, 8/31/2018  | No response received to date                         |
| Delaware Tribe of Indians   | 6/6/2018, 7/11/2018   | 6/7/2018   |
| Eastern Band of Cherokee Indians  | 5/31/2018, 6/1/2018, 6/11/2018, 6/29/2018, 7/11/2018, 8/31/2018                                 | 5/31/2018, 10/15/2018                                |
| Eastern Shawnee Tribe of Oklahoma   | 6/6/2018, 7/11/2018, 8/31/2018  | No response received to date                         |
| Monacan Indian Nation*  | 5/31/2018, 6/1/2018, 6/12/2018, 6/27/2018, 7/11/2018, 8/9/2018, 8/15/2018, 8/31/2018, 10/9/2018 | 5/31/2018, 6/12/2018, 8/7/2018, 10/9/2018            |
| Muscogee (Creek) Nation   | 6/6/2018, 7/11/2018, 8/31/2018  | 6/8/2018   |
| Nansemond Tribe   | 5/31/2018, 6/1/2018, 6/11/2018, 6/26/2018, 7/11/2018, 8/31/2018, 9/6/2018                       | 5/31/2018, 6/11/2018, 9/6/2018                       |
| Pamunkey Tribe  | 5/31/2018, 8/31/2018  | No response received to date                         |
| Rappahannock Tribe  | 5/31/2018, 6/5/2018, 7/11/2018, 8/31/2018, 9/6/2018   | 9/6/2018   |
| Rosebud Sioux Tribe of Indians  | 6/6/2018, 6/7/2018, 7/11/2018, 8/31/2018  | No response received to date                         |
| Tuscarora Nation  | 6/6/2018, 7/11/2018, 8/31/2018  | No response received to date                         |
| Upper Mattaponi Tribe   | 5/30/2018, 6/12/2018, 6/25/2018, 7/11/2018, 8/31/2018, 9/6/2018                                 | 9/6/2018   |

\* See also Monacan Indian Nation, Cheyenne River Sioux Tribe, and Rosebud Sioux Tribe communications with the FERC referenced in text.

| <b>Table 4.3-2</b>  |  |  |
|---|--|--|
| <b>Non-federally Recognized Native American Groups Contacted for the MVP Southgate Project<br/>(current as of October 15, 2018)</b> |  |  |
| <b>Tribe Name</b>   | <b>Date(s) Contacted (includes meetings)</b>                                 | <b>Date(s) Response Received (includes meetings)</b> |
| Cheroenhaka (Nottoway) Tribe  | 8/3/2018, 8/31/2018  | No response received to date                         |
| Mattaponi Tribe   | 8/3/2018, 8/31/2018  | No response received to date                         |
| Nottoway of Virginia  | 8/3/2018, 8/31/2018  | No response received to date                         |
| Patawomeck Tribe  | 8/3/2018, 8/31/2018  | No response received to date                         |
| North Carolina Commission on Indian Affairs   | 7/12/2018, 7/25/2018, 7/31/2018,<br>8/22/2018, 8/31/2018, 9/7/2018           | 7/31/2018, 8/27/2018, 9/7/2018                       |
| Cohare Tribe  | 8/3/2018, 8/31/2018  | No response received to date                         |
| Haliwa-Saponi Indian Tribe  | 8/3/2018, 8/31/2018  | No response received to date                         |
| Lumbee Tribe  | 8/3/2018, 8/31/2018  | No response received to date                         |
| Meherrin Indian Tribe   | 8/3/2018, 8/31/2018  | No response received to date                         |
| Occaneechi Band of the Saponi Nation*   | 8/3/2018, 8/6/2018, 8/14/2018, 8/20/2018,<br>8/31/2018, 10/2/2018, 10/4/2018 | 8/17/2018, 8/24/2018, 10/5/2018                      |
| Sappony Tribe*  | 8/3/2018, 8/9/2018, 8/15/2018, 8/31/2018,<br>10/9/2018                       | 8/7/2018, 10/9/2018                                  |
| Waccamaw Siouan Tribe   | 8/3/2018, 8/31/2018  | No response received to date                         |

\* See also Sappony Tribe and Occaneechi Band of the Saponi Nation communications with the FERC referenced in text.



**Table 4.3-3****Other Virginia State and Local Agency Cultural Resources Coordination for the MVP Southgate Project  
(current as of October 15, 2018)**

| <b>Organization</b>             | <b>Date(s) Contacted</b>       | <b>Date(s) Response Received</b> |
|---------------------------------|--------------------------------|----------------------------------|
| City of Danville (CLG)          | 7/6/2018                       | No response received to date     |
| Pittsylvania Historical Society | 7/6/2018, 7/24/2018, 8/17/2018 | 7/21/2018                        |

**Table 4.3-4**

**Other North Carolina State and Local Agency Cultural Resources Coordination for the MVP Southgate Project (current as of October 15, 2018)**

| <b>Organization</b>   | <b>Date(s) Contacted</b>      | <b>Date(s) Response Received</b> |
|---|-------------------------------|----------------------------------|
| Town of Eden (CLG)  | 7/6/2018                      | No response received to date     |
| Alamance County Historical Properties Commission (CLG)                                      | 7/6/2018, 7/31/2018, 8/3/2018 | 7/30/2018, 7/31/2018, 8/3/2018   |
| Rockingham County Historical Society  | 9/5/2018, 10/3/2018           | 10/2/2018, 10/4/2018             |
| Alamance County Historical Museum   | 7/6/2018                      | No response received to date     |
| Graham Historical Museum  | 7/6/2018, 7/23/2018           | 7/21/2018                        |
| Haw River Historical Society Museum   | 8/7/2018                      | No response received to date     |
| Mebane Historical Society and Museum  | 7/6/2018                      | No response received to date     |
| Textile Heritage Museum   | 7/6/2018                      | No response received to date     |
| Virginia-North Carolina Piedmont Genealogical Society                                       | 8/19/2018                     | No response received to date     |
| Afro-American Historical and Genealogical Society of North Carolina, Piedmont Triad Chapter | 8/21/2018                     | No response received to date     |

| <b>Resource Number</b> | <b>Resource Name</b>                      | <b>Distance from CL/Facility</b>             | <b>Applicant's NRHP Recommendation</b>                                       | <b>Applicant's Effects Recommendation</b>                             |
|------------------------|---|--|--|---|
| 071-0036               | Little Cherrystone Manor                  | Property is crossed by CL                    | NRHP Listed  | Assess effects and mitigate as necessary                              |
| 071-0002               | Bachelors Hall Plantation                 | 8100 feet from TA-PI-052                     | VDHR determined eligible   | No effect; resource is outside indirect effects APE                   |
| 071-0020               | Oak Ridge Plantation                      | 8000 feet from TA-PI-054                     | NRHP listed  | No effect; resource is outside indirect effects APE                   |
| 071-0026;<br>44PY0040  | Oak Hill Plantation                       | 2780 feet from TA-PI-063                     | NRHP listed but demolished   | No effect; resource is outside indirect effects APE                   |
| 071-0035               | Windsor Plantation                        | 2000 feet from CL                            | NRHP listed  | No effect; resource is outside indirect effects APE                   |
| 071-0006               | Berry Hill Plantation                     | 1070 feet from workspace                     | NRHP listed  | No effect; resource is outside indirect effects APE                   |
| AM0003                 | Glencoe Mill Village                      | 1500 feet from CL                            | NRHP Listed Historic District  | No effect; resource is outside indirect effects APE                   |
| NCAMt242/<br>NCAM243   | Arches Grove United Church of Christ      | 2420 feet from CL                            | Not Eligible   | No effect; resource is outside indirect effects APE                   |
| None                   | Moore property – 1810 farmhouse           | ~1400 feet from CL                           | Unassessed; property has not been accessed for above ground resources survey | Unknown but likely no effect due to distance and vegetative screening |
| None                   | Moore property - family cemetery          | Unknown                                      | Unassessed/  | No Effect; property is not within direct effects APE                  |
| None                   | Moore property – Native American sites    | Unknown                                      | Unassessed/  | No Effect; property is not within direct effects APE                  |
| 31AM431                | Archaeological Site 31AM431               | 700 feet from PA-AL-174                      | Unassessed   | No Effect; property is not within direct effects APE                  |
| None                   | Burlington-Hillsborough Stage Coach Trail | 800+ feet from CL                            | Unassessed   | No Effect; property is not within direct effects APE                  |
| None                   | William Fonville Family House             | 900 feet from CL                             | Unassessed; property has not been accessed for above ground resources survey | No recommendation possible at present                                 |
| AM0555                 | Aldridge building – Anderson House        | 11,500 feet from TAR-AL-79A                  | Unassessed (on NC HPO study list)  | No effect; resource is outside indirect effects APE                   |
| AM0196                 | Aldridge building – Jacob Holt House      | 10,000 feet from TAR-AL-79A                  | Unassessed (on NC HPO study list)  | No effect; resource is outside indirect effects APE                   |
| None known             | Aldridge cemetery #1                      | Unknown; at least 9,000 feet from TAR-AL-79A | Unassessed   | No effect; resource is outside direct effects APE                     |
| None known             | Aldridge cemetery #2                      | Unknown; at least 9,000 feet from TAR-AL-79A | Unassessed   | No effect; resource is outside direct effects APE                     |
| AM0464                 | Kerr Scott Farm                           | 1500 feet from CL                            | NRHP Listed  | No effect; resource is outside indirect effects APE                   |

**Table 4.5-1**

**Previously Recorded Archaeological Resources within 0.5-mile of Project Components in Virginia (updated September 26, 2018)**

| Resource Number/<br>Name | Resource Type   | Distance (feet) | Recorder/<br>Organization        | Date      | Recorder Evaluation | SHPO Evaluation |
|--------------------------|---|-----------------|----------------------------------|-----------|---------------------|-----------------|
| 44PY0115                 | Postcontact farmstead                                 | 180             | Lyle Browning/ Browning & Assoc. | 11/5/2003 | None Provided       | Not Evaluated   |
| 44PY0215                 | Precontact lithic scatter                             | 2100            | Lyle Browning/ Browning & Assoc. | 7/20/2001 | None Provided       | Not Evaluated   |
| 44PY0219                 | Precontact campsite;<br>Postcontact farmstead         | 1800            | URS                              | 9/1/2001  | None Provided       | Not Eligible    |
| 44PY0220                 | Postcontact farmstead                                 | 1800            | Matt Jorgensen/ URS              | 9/12/2001 | None Provided       | Not Eligible    |
| 44PY0242                 | Postcontact farmstead                                 | 590             | Lyle Browning/ Browning & Assoc. | 11/5/2003 | None Provided       | Not Evaluated   |
| 44PY0243                 | Postcontact farmstead                                 | 780             | Lyle Browning/ Browning & Assoc. | 11/5/2003 | None Provided       | Not Evaluated   |
| 44PY0244                 | Postcontact farmstead                                 | 915             | Lyle Browning/ Browning & Assoc. | 11/5/2003 | None Provided       | Not Evaluated   |
| 44PY0245                 | Postcontact farmstead                                 | 1440            | Lyle Browning/ Browning & Assoc. | 11/5/2003 | None Provided       | Not Evaluated   |
| 44PY0258                 | Postcontact artifact<br>scatter                       | 100             | Louis Berger Group               | 3/30/2006 | None Provided       | Not Eligible    |
| 44PY0259                 | Precontact campsite                                   | 0               | Louis Berger Group               | 10/1/2006 | None Provided       | Not Eligible    |
| 44PY0260                 | Precontact artifact scatter;<br>Postcontact homestead | 0               | Louis Berger Group               | 10/1/2006 | None Provided       | Eligible        |
| 44PY0261                 | Postcontact artifact<br>scatter                       | 0               | Louis Berger Group               | 3/30/2006 | None Provided       | Not Eligible    |
| 44PY0262                 | Precontact campsite                                   | 90              | Louis Berger Group               | 10/1/2006 | None Provided       | Not Eligible    |
| 44PY0263                 | Postcontact artifact<br>scatter                       | 0               | Louis Berger Group               | 3/30/2006 | None Provided       | Not Eligible    |
| 44PY0264                 | Precontact campsite                                   | 0               | Louis Berger Group               | 10/1/2006 | None Provided       | Not Eligible    |
| 44PY0265                 | Precontact campsite                                   | 0               | Louis Berger Group               | 3/30/2006 | None Provided       | Not Eligible    |
| 44PY0266                 | Postcontact artifact<br>scatter                       | 110             | Louis Berger Group               | 3/30/2006 | None Provided       | Not Eligible    |
| 44PY0267                 | Postcontact artifact<br>scatter                       | 0               | Louis Berger Group               | 3/30/2006 | None Provided       | Not Eligible    |
| 44PY0268                 | Precontact lithic scatter                             | 200             | Louis Berger Group               | 3/30/2006 | None Provided       | Not Eligible    |
| 44PY0270                 | Precontact campsite                                   | 0               | Louis Berger Group               | 10/1/2006 | None Provided       | Not Eligible    |
| 44PY0271                 | Precontact campsite                                   | 0               | Louis Berger Group               | 3/30/2006 | None Provided       | Not Eligible    |
| 44PY0272                 | Postcontact cemetery                                  | 0               | Louis Berger Group               | 3/30/2006 | None Provided       | Not Eligible    |
| 44PY0273                 | Postcontact cemetery                                  | 50              | Louis Berger Group               | 3/30/2006 | None Provided       | Not Eligible    |

**Table 4.5-1**

**Previously Recorded Archaeological Resources within 0.5-mile of Project Components in Virginia (updated September 26, 2018)**

| Resource Number/<br>Name | Resource Type  | Distance (feet) | Recorder/<br>Organization  | Date                 | Recorder Evaluation                  | SHPO Evaluation      |
|--------------------------|--|-----------------|--|----------------------|--------------------------------------|----------------------|
| 44PY0274                 | Postcontact cemetery   | 0               | Louis Berger Group   | 3/30/2006            | None Provided                        | Eligible             |
| 44PY0275                 | Postcontact cemetery   | 25              | Louis Berger Group   | 3/30/2006            | None Provided                        | Not Evaluated        |
| 44PY0277                 | Postcontact homestead  | 0               | Louis Berger Group   | 3/30/2006            | None Provided                        | Not Eligible         |
| 44PY0278                 | Postcontact campsite   | 440             | Louis Berger Group   | 3/30/2006            | None Provided                        | Not Eligible         |
| 44PY0279                 | Precontact lithic scatter                                    | 60              | Louis Berger Group   | 11/1/2005            | None Provided                        | Not Evaluated        |
| 44PY0280                 | Postcontact homestead  | 35              | Louis Berger Group   | 3/30/2006            | None Provided                        | Not Evaluated        |
| 44PY0281                 | Precontact lithic scatter                                    | 125             | Louis Berger Group   | 12/1/2006            | None Provided                        | Not Evaluated        |
| 44PY0282                 | Postcontact cemetery   | 1075            | Louis Berger Group   | 12/1/2005            | None Provided                        | Not Evaluated        |
| 44PY0283                 | Postcontact cemetery   | 365             | Louis Berger Group   | 12/1/2005            | None Provided                        | Not Evaluated        |
| 44PY0284                 | Postcontact cemetery   | 0               | Louis Berger Group   | 12/1/2005            | None Provided                        | Not Evaluated        |
| 44PY0307                 | Precontact lithic scatter                                    | 2500            | Lyle Browning/ Browning & Assoc.                                     | 3/01/2007            | None Provided                        | Not Eligible         |
| 44PY0308                 | Precontact lithic scatter                                    | 165             | Lyle Browning/ Browning & Assoc.                                     | 6/01/2006            | None Provided                        | Not Eligible         |
| 44PY0309                 | Precontact lithic scatter                                    | 2030            | Lyle Browning/ Browning & Assoc.                                     | 6/01/2006            | None Provided                        | Not Eligible         |
| 44PY0317                 | Postcontact farmstead  | 1200            | Lyle Browning/ Browning & Assoc.                                     | 9/20/2009            | None Provided                        | Not Evaluated        |
| 44PY0318                 | Postcontact farmstead  | 2230            | Lyle Browning/ Browning & Assoc.                                     | 9/20/2009            | None Provided                        | Not Evaluated        |
| 44PY0319                 | Postcontact farmstead  | 2050            | Craig Rose/ Browning & Assoc.  | 9/20/2009            | None Provided                        | Not Evaluated        |
| 44PY0320                 | Precontact lithic scatter;<br>Postcontact farmstead          | 2550            | Craig Rose/ Browning & Assoc.  | 9/20/2009            | None Provided                        | Not Evaluated        |
| 44PY0321                 | Precontact lithic scatter                                    | 2300            | Craig Rose/ Browning & Assoc.  | 9/20/2009            | No Further Work                      | Not Evaluated        |
| 44PY0324                 | Postcontact mill   | 1450            | Lyle Browning/ Browning & Assoc.                                     | 8/1/2010             | Potentially Eligible                 | Potentially Eligible |
| 44PY0325                 | Precontact lithic scatter;<br>Postcontact homestead,<br>mill | 1100            | Lyle Browning/ Browning & Assoc.                                     | 8/1/2010             | Potentially Eligible                 | Potentially Eligible |
| 44PY0326                 | Postcontact homestead  | 750             | Lyle Browning/ Browning & Assoc.                                     | 8/1/2010             | No Further Work                      | Not Evaluated        |
| 44PY0327                 | Postcontact homestead  | 325             | Lyle Browning/ Browning & Assoc.                                     | 8/1/2010             | No Further Work                      | Not Evaluated        |
| 44PY0328                 | Postcontact homestead  | 800             | Lyle Browning/ Browning & Assoc.;<br>Tracy Jones/ Louis Berger Group | 8/1/2010<br>5/1/2014 | Further Work Needed;<br>Not Eligible | Not Eligible         |

**Table 4.5-1**

**Previously Recorded Archaeological Resources within 0.5-mile of Project Components in Virginia (updated September 26, 2018)**

| Resource Number/<br>Name | Resource Type   | Distance (feet) | Recorder/<br>Organization  | Date                  | Recorder Evaluation                  | SHPO Evaluation |
|--------------------------|---|-----------------|--|-----------------------|--------------------------------------|-----------------|
| 44PY0329                 | Postcontact homestead   | 0               | Lyle Browning/ Browning & Assoc.   | 8/1/2010              | Not Eligible;<br>Destroyed           | Not Eligible    |
| 44PY0334                 | Postcontact homestead   | 0               | Lyle Browning/ Browning & Assoc.   | 8/1/2010              | Not Eligible;<br>Destroyed           | Not Evaluated   |
| 44PY0335                 | Postcontact farmstead   | 2500            | Lyle Browning/ Browning & Assoc.;<br>Tracy Jones/ Louis Berger Group         | 8/1/2010<br>5/14/2014 | Further Work Needed;<br>Not Eligible | Not Evaluated   |
| 44PY0350                 | Precontact campsite   | 2170            | Summer Chaffman/ Browning &<br>Associates                                    | 3/1/2011              | None Provided                        | Not Evaluated   |
| 44PY0351                 | Precontact campsite   | 1000            | Summer Chaffman/ Browning &<br>Associates                                    | 4/1/2011              | None Provided                        | Not Evaluated   |
| 44PY0352                 | Precontact lithic scatter;<br>Postcontact artifact<br>scatter | 1000            | Summer Chaffman/ Browning &<br>Associates                                    | 4/1/2011              | None Provided                        | Not Evaluated   |
| 44PY0353                 | Precontact lithic scatter;<br>Postcontact artifact<br>scatter | 670             | Summer Chaffman/ Browning &<br>Associates                                    | 4/1/2011              | None Provided                        | Not Evaluated   |
| 44PY0354                 | Precontact lithic scatter;<br>Postcontact artifact<br>scatter | 1300            | Summer Chaffman/ Browning &<br>Associates                                    | 4/1/2011              | None Provided                        | Not Evaluated   |
| 44PY0355                 | Precontact lithic scatter                                     | 1450            | Summer Chaffman/ Browning &<br>Associates                                    | 4/1/2011              | None Provided                        | Not Evaluated   |
| 44PY0356                 | Precontact lithic scatter;<br>Postcontact industrial          | 630             | Summer Chaffman/ Browning &<br>Associates                                    | 4/1/2011              | None Provided                        | Not Evaluated   |
| 44PY0357                 | Precontact lithic scatter                                     | 960             | Summer Chaffman/ Browning &<br>Associates                                    | 5/1/2011              | None Provided                        | Not Evaluated   |
| 44PY0358                 | Precontact lithic scatter;<br>Postcontact artifact<br>scatter | 65              | Summer Chaffman/ Browning &<br>Associates; Lee Tippett/Louis Berger<br>Group | 3/1/2011<br>4/23/2014 | None Provided;<br>Not Eligible       | Not Eligible    |
| 44PY0359                 | Precontact lithic scatter                                     | 0               | Summer Chaffman/ Browning &<br>Associates; Lee Tippett/Louis Berger<br>Group | 3/1/2011<br>4/23/2014 | None Provided;<br>Not Eligible       | Not Eligible    |
| 44PY0360                 | Precontact lithic scatter;<br>Postcontact artifact<br>scatter | 700             | Summer Chaffman/ Browning &<br>Associates; Lee Tippett/Louis Berger<br>Group | 3/1/2011<br>4/23/2014 | None Provided;<br>Not Eligible       | Not Eligible    |

**Table 4.5-1**

**Previously Recorded Archaeological Resources within 0.5-mile of Project Components in Virginia (updated September 26, 2018)**

| Resource Number/<br>Name | Resource Type  | Distance (feet) | Recorder/<br>Organization  | Date                  | Recorder Evaluation            | SHPO Evaluation      |
|--------------------------|--|-----------------|--|-----------------------|--------------------------------|----------------------|
| 44PY0371                 | Postcontact artifact scatter                               | 150             | Summer Chaffman/ Browning & Associates; Lee Tippett/Louis Berger Group   | 3/1/2011<br>4/23/2014 | None Provided;<br>Not Eligible | Not Eligible         |
| 44PY0373                 | Precontact lithic scatter;<br>Postcontact homestead        | 0               | Summer Chaffman/ Browning & Associates; Stuart Fiedel/Louis Berger Group | 4/1/2011<br>8/3/2016  | None Provided;<br>Not Eligible | Not Evaluated        |
| 44PY0374                 | Precontact lithic scatter;<br>Postcontact homestead        | 0               | Summer Chaffman/ Browning & Associates; Stuart Fiedel/Louis Berger Group | 4/1/2011<br>8/3/2016  | None Provided;<br>Not Eligible | Not Evaluated        |
| 44PY0375                 | Precontact lithic scatter;<br>Postcontact artifact scatter | 0               | Summer Chaffman/ Browning & Associates; Stuart Fiedel/Louis Berger Group | 4/1/2011<br>8/3/2016  | None Provided;<br>Not Eligible | Not Evaluated        |
| 44PY0376                 | Precontact campsite;<br>Postcontact homestead              | 1550            | Summer Chaffman/ Browning & Associates; Stuart Fiedel/Louis Berger Group | 5/1/2011<br>8/3/2016  | None Provided;<br>Not Eligible | Not Evaluated        |
| 44PY0377                 | Postcontact artifact scatter                               | 50              | Summer Chaffman/ Browning & Associates; Lee Tippett/Louis Berger Group   | 5/1/2011<br>4/23/2014 | None Provided;<br>Not Eligible | Not Eligible         |
| 44PY0378                 | Precontact lithic scatter;<br>Postcontact homestead        | 330             | Summer Chaffman/ Browning & Associates                                   | 3/1/2011              | None Provided                  | Not Evaluated        |
| 44PY0379                 | Postcontact homestead                                      | 1500            | Summer Chaffman/ Browning & Associates                                   | 3/1/2011              | None Provided                  | Not Evaluated        |
| 44PY0380                 | Precontact lithic scatter;<br>Postcontact farmstead        | 900             | Summer Chaffman/ Browning & Associates                                   | 5/1/2011              | None Provided                  | Potentially Eligible |
| 44PY0381                 | Precontact lithic scatter;<br>Postcontact farmstead        | 2500            | Summer Chaffman/ Browning & Associates; Lee Tippett/Louis Berger Group   | 5/1/2011<br>4/23/2014 | None Provided;<br>Not Eligible | Not Eligible         |
| 44PY0383                 | Postcontact farmstead                                      | 1600            | Summer Chaffman/ Browning & Associates; Lee Tippett/Louis Berger Group   | 5/1/2011<br>4/23/2014 | None Provided;<br>Not Eligible | Not Eligible         |
| 44PY0384                 | Postcontact farmstead                                      | 190             | Summer Chaffman/ Browning & Associates; Lee Tippett/Louis Berger Group   | 5/1/2011<br>4/23/2014 | None Provided;<br>Not Eligible | Not Eligible         |
| 44PY0385                 | Precontact lithic scatter;<br>Postcontact farmstead        | 330             | Summer Chaffman/ Browning & Associates; Lee Tippett/Louis Berger Group   | 4/1/2011<br>4/23/2014 | None Provided;<br>Not Eligible | Not Eligible         |

**Table 4.5-1**

**Previously Recorded Archaeological Resources within 0.5-mile of Project Components in Virginia (updated September 26, 2018)**

| <b>Resource Number/<br/>Name</b> | <b>Resource Type</b>                                | <b>Distance (feet)</b> | <b>Recorder/<br/>Organization</b>    | <b>Date</b> | <b>Recorder Evaluation</b>         | <b>SHPO Evaluation</b> |
|----------------------------------|---|------------------------|--------------------------------------|-------------|------------------------------------|------------------------|
| 44PY0431                         | Precontact artifact scatter                         | 1500                   | Jacob Freedman, SEARCH               | 6/15/2015   | Further Survey<br>(shovel testing) | Not Evaluated          |
| 44PY0432                         | Precontact artifact scatter                         | 1000                   | Jacob Freedman, SEARCH               | 6/15/2015   | Not Eligible                       | Not Evaluated          |
| 44PY0438                         | Precontact lithic scatter                           | 640                    | Gail Hellman, Tetrattech             | 12/14/2015  | None Provided                      | Not Evaluated          |
| 44PY0439                         | Precontact lithic scatter                           | 425                    | Gail Hellman, Tetrattech             | 12/14/2015  | None Provided                      | Not Evaluated          |
| 44PY0441                         | Precontact lithic scatter                           | 1450                   | Randy Lichtenberger, Hurt & Proffitt | 2/16/2016   | None Provided                      | Not Evaluated          |
| 44PY0442                         | Precontact lithic scatter;<br>Postcontact homestead | 0                      | Gail Hellman, Tetrattech             | 11/1/2016   | None Provided                      | Not Evaluated          |



**Table 4.5-2**

**Previously Recorded Archaeological Sites within 0.5-mile of Project Components in North Carolina (current as of September 26, 2018)**

| Resource Number/Name     | Resource Type  | Distance (feet) | Recorder/Organization                    | Date       | Recorder Evaluation                                    | SHPO Evaluation |
|--------------------------|--|-----------------|--|------------|--|-----------------|
| 31RK44                   | Precontact habitation                                      | 0               | Wake Forest University                   | 2/5/1979   | Rich site, burials present"                            | Unassessed      |
| 31RK45                   | Precontact artifact scatter                                | 900             | Wake Forest University                   | 2/5/1979   | None Provided  | Unassessed      |
| 31RK46                   | Precontact lithic scatter;<br>Postcontact artifact scatter | 1500            | Wake Forest University                   | 2/5/1979   | None Provided  | Unassessed      |
| 31RK69                   | Precontact habitation                                      | 2350            | Pete Adkins/ no affiliation              | Unknown    | None Provided  | Unassessed      |
| 31RK70                   | Precontact habitation                                      | 1925            | R. Shearin/UNC-Chapel Hill               | 4/29/1986  | Further Work Needed                                    | Unassessed      |
| 31RK90                   | Precontact habitation                                      | 1800            | Pete Adkins/ no affiliation              | 1/21/1987  | None Provided  | Unassessed      |
| 31RK92                   | Precontact habitation                                      | 725             | Pete Adkins/ no affiliation              | 1/21/1987  | None Provided  | Unassessed      |
| 31RK93                   | Precontact habitation                                      | 1830            | Pete Adkins/ no affiliation              | 1/21/1987  | None Provided  | Unassessed      |
| 31RK94                   | Precontact habitation                                      | 1300            | Pete Adkins/ no affiliation              | 1/21/1987  | None Provided  | Unassessed      |
| 31RK97                   | Precontact unknown   | 350             | Pete Adkins/ no affiliation              | 1/21/1987  | None Provided  | Unassessed      |
| 31RK129                  | Precontact lithic scatter                                  | 0               | Gerold Glover/ NCDOT                     | 5/5/1994   | No Further Work  | Unassessed      |
| 31RK134                  | Precontact lithic scatter                                  | 160             | Gerold Glover/ NCDOT                     | 5/9/1994   | No Further Work  | Not Eligible    |
| 31RK136                  | Postcontact sluice   | 375             | Butler & Clauser/ OSA                    | 12/15/1983 | Eligible   | NRHP Listed     |
| 31RK139                  | Postcontact sluice   | 2550            | Butler & Clauser/ OSA                    | 12/15/1983 | Eligible   | NRHP Listed     |
| 31RK141/Sugar Loaf Mound | Precontact mound   | 1200            | No information available                 | 11/6/1995  | No information available                               | Unassessed      |
| 31RK162                  | Precontact artifact scatter                                | 200             | Jill Olsen/ Brockington & Associates     | 3/19/2001  | Further Work Needed                                    | Unassessed      |
| 31RK167                  | Precontact lithic scatter;<br>Postcontact homestead        | 2200            | Matthew Jorgenson /URS                   | 1/8/2002   | Limited Potential,<br>Postcontact component is modern. | Not Eligible    |
| 31RK169                  | Precontact habitation                                      | 1700            | Matthew Jorgenson /URS                   | 1/18/2002  | Potentially Eligible                                   | Unassessed      |
| 31RK170                  | Precontact habitation                                      | 1550            | Matthew Jorgenson /URS                   | 2/18/2002  | Not Eligible   | Not Eligible    |
| 31RK171                  | Precontact habitation                                      | 2150            | Matthew Jorgenson /URS                   | 2/18/2002  | Likely Not Eligible                                    | Unassessed      |
| 31RK180                  | Precontact: Isolated find                                  | 0               | Michael O'Neal/ Brockington & Associates | 6/6/2002   | No Further Work  | Not Eligible    |

**Table 4.5-2**

**Previously Recorded Archaeological Sites within 0.5-mile of Project Components in North Carolina (current as of September 26, 2018)**

| Resource Number/Name | Resource Type   | Distance (feet) | Recorder/ Organization              | Date       | Recorder Evaluation      | SHPO Evaluation |
|----------------------|---|-----------------|-------------------------------------|------------|--------------------------|-----------------|
| 31RK181              | Precontact lithic scatter                                     | 0               | Dawn Reid/ Brockington & Associates | 11/19/2002 | No Further Work          | Not Eligible    |
| 31RK185              | Precontact habitation   | 1550            | Matthew Jorgenson /URS              | 3/5/2003   | Potentially Eligible     | Unassessed      |
| 31RK186              | Precontact artifact scatter;<br>Postcontact: artifact scatter | 1550            | Matthew Jorgenson /URS              | 3/28/2003  | No Further Work          | Not Eligible    |
| 31RK187              | Precontact long-term habitation                               | 1800            | Matthew Jorgenson /URS              | 4/1/2003   | No Further Work          | Not Eligible    |
| 31RK188              | Precontact lithic scatter                                     | 750             | Karl Franz/URS                      | 2/11/2003  | No Further Work          | Not Eligible    |
| 31RK189              | Precontact artifact scatter                                   | 0               | Karl Franz/URS                      | 2/23/2003  | No Further Work          | Not Eligible    |
| 31RK205              | Precontact lithic scatter                                     | 0               | GAI Consultants, Inc.               | 6/4/2013   | No Further Work          | Not Eligible    |
| 31RK206              | Precontact lithic scatter                                     | 0               | GAI Consultants, Inc.               | 6/4/2013   | No Further Work          | Not Eligible    |
| 31RK207              | Precontact lithic scatter                                     | 15              | GAI Consultants, Inc.               | 6/4/2013   | No Further Work          | Not Eligible    |
| 31RK251              | Postcontact unknown   | 280             | Terri Russ, ESI                     | 2018       | No information available | Unassessed      |
| 31AM20               | Precontact isolated find                                      | 2575            | Wake Forest University              | 9/15/1975  | No Further Work          | Unassessed      |
| 31AM142              | Postcontact mill  | 1500            | NCDOT                               | 9/22/1982  | No Further Work          | Unassessed      |
| 31AM145              | Precontact lithic scatter                                     | 530             | Unknown/Amateur                     | Unknown    | None Provided            | Unassessed      |
| 31AM187              | Precontact lithic scatter                                     | 330             | UNC-Chapel Hill                     | 2/10/1986  | Further Work Needed      | Unassessed      |
| 31AM200              | Precontact lithic scatter                                     | 550             | UNC-Chapel Hill                     | 1/23/1986  | Further Work Needed      | Unassessed      |
| 31AM210              | Precontact lithic scatter                                     | 280             | UNC-Chapel Hill                     | 4/4/1986   | No Further Work          | Not Eligible    |
| 31AM219              | Precontact lithic workshop                                    | 1090            | UNC-Chapel Hill                     | 4/15/1986  | Further Work Needed      | Unassessed      |
| 31AM228              | Precontact lithic scatter                                     | 1550            | UNC-Chapel Hill                     | 5/2/1986   | No Further Work          | Unassessed      |
| 31AM243              | Precontact lithic scatter                                     | 900             | NCDOT                               | 8/6/1986   | No Further Work          | Not Eligible    |
| 31AM245              | Precontact lithic scatter                                     | 1300            | NCDOT                               | 7/12/1986  | No Further Work          | Not Eligible    |
| 31AM246              | Precontact lithic scatter                                     | 770             | NCDOT                               | 8/12/1986  | No Further Work          | Not Eligible    |
| 31AM247              | Precontact lithic scatter                                     | 990             | NCDOT                               | 8/12/1986  | No Further Work          | Not Eligible    |
| 31AM248              | Precontact lithic scatter;<br>Postcontact farmstead           | 1500            | NCDOT                               | /8/12/1986 | No Further Work          | Not Eligible    |

**Table 4.5-2**

**Previously Recorded Archaeological Sites within 0.5-mile of Project Components in North Carolina (current as of September 26, 2018)**

| Resource Number/Name | Resource Type                                       | Distance (feet) | Recorder/ Organization           | Date      | Recorder Evaluation | SHPO Evaluation |
|----------------------|---|-----------------|----------------------------------|-----------|---------------------|-----------------|
| 31AM249              | Precontact lithic scatter                           | 1220            | NCDOT                            | 8/12/1986 | No Further Work     | Not Eligible    |
| 31AM342              | Precontact artifact scatter                         | 1750            | NCDOT                            | 4/21/1994 | No Further Work     | Not Eligible    |
| 31AM345              | Precontact lithic scatter                           | 980             | NCDOT                            | 4/28/1994 | No Further Work     | Not Eligible    |
| 31AM346              | Precontact lithic scatter                           | 50              | NCDOT                            | 4/28/1994 | No Further Work     | Not Eligible    |
| 31AM347              | Precontact lithic scatter                           | 0               | NCDOT                            | 4/28/1994 | No Further Work     | Not Eligible    |
| 31AM348              | Precontact lithic scatter;<br>Postcontact homestead | 920             | NCDOT                            | 4/28/1994 | No Further Work     | Not Eligible    |
| 31AM349              | Precontact lithic scatter                           | 780             | NCDOT                            | 4/28/1994 | No Further Work     | Not Eligible    |
| 31AM350              | Precontact lithic scatter                           | 990             | NCDOT                            | 4/28/1994 | No Further Work     | Not Eligible    |
| 31AM351              | Precontact lithic workshop                          | 1415            | NCDOT                            | 4/29/1994 | No Further Work     | Not Eligible    |
| 31AM359              | Precontact lithic scatter                           | 2015            | NCDOT                            | 7/27/1994 | Further Work Needed | Unassessed      |
| 31AM389              | Precontact lithic scatter;<br>Postcontact farmstead | 2600            | NCDOT                            | 6/9/2000  | No Further Work     | Not Eligible    |
| 31AM398              | Postcontact wall                                    | 1200            | William E. Trout/ no affiliation | 1/28/2010 | None Provided       | Unassessed      |
| 31AM399              | Postcontact sluice                                  | 600             | William E. Trout/ no affiliation | 5/28/2010 | None Provided       | Unassessed      |
| 31AM400              | Postcontact sluice                                  | 360             | William E. Trout/ no affiliation | 5/28/2010 | None Provided       | Unassessed      |
| 31AM401              | Postcontact sluice                                  | 650             | William E. Trout/ no affiliation | 5/28/2010 | None Provided       | Unassessed      |
| 31AM402              | Postcontact sluice                                  | 500             | William E. Trout/ no affiliation | 5/28/2010 | None Provided       | Unassessed      |
| 31AM403              | Postcontact sluice                                  | 1000            | William E. Trout/ no affiliation | 5/28/2010 | None Provided       | Unassessed      |
| 31AM404              | Postcontact sluice                                  | 1135            | William E. Trout/ no affiliation | 5/28/2010 | None Provided       | Unassessed      |
| 31AM431              | Precontact lithic scatter                           | 700             | Abby Faulkner/ landowner         | 9/7/2018  | None Provided       | Unassessed      |

**Table 4.5-3**

**Previously Recorded Aboveground Resources within 0.5-mile of Project Components in Virginia (updated September 25, 2018)**

| Resource Number/Name   | Resource Type                             | Distance (feet) | Recorder/Organization                             | Date                              | Recorder Evaluation                           | SHPO Evaluation            |
|--|---|-----------------|---|-----------------------------------|---|----------------------------|
| 071-0004/<br>Belle Grove/<br>Tunstall House                    | House and Outbuildings                    | 175             | Robert Wiggins/ NPS;<br>Mike Pulice/DHR           | 4/1/1958;<br>4/5/2014             | Recommended<br>Eligible (Criteria C and<br>D) | Not Evaluated              |
| 071-0006/<br>Berry Hill  | Plantation Complex                        | 1070            | Robert Wiggins/ NPS;<br>Dell Upton/DHR            | 4/1/1958<br>3/5/1976<br>1/11/1977 | None Provided                                 | NRHP Listed,<br>VLR Listed |
| 071-0025/<br>Mountain View                                     | House and Outbuildings                    | 0               | WPA of Virginia; Robert Wiggins/<br>VHLC          | 8/20/1936<br>4/1/1958<br>6/1/1979 | None Provided                                 | NRHP Listed,<br>VLR Listed |
| 071-0028/ Oakland  | House                                     | 1900            | Robert Wiggins/ NPS                               | 4/1/1958                          | None Provided                                 | Not Evaluated              |
| 071-0035/ Samuel<br>Pannill Wilson<br>House / Windsor          | House and Outbuildings                    | 2000            | Robert Wiggins/ NPS; T. Curtler<br>VDHR/VHLC      | 4/1/1958<br>8/1/1968<br>4/1/1980  | None Provided                                 | NRHP Listed,<br>VLR Listed |
| 071-0036/<br>Little Cherrystone<br>Manor/<br>Wooding House     | House                                     | 0               | Robert Wiggins/VHLC                               | 4/1/1958<br>7/25/1969             | None Provided                                 | NRHP Listed,<br>VLR Listed |
| 071-0062/<br>Stony Mill  | Mill                                      | 1470            | Randy Lichtenberger/<br>VDOT;<br>Mike Pulice /DHR | 6/27/2008<br>12/10/2013           | Recommended<br>Eligible (Criteria A and<br>C) | Not Evaluated              |
| 071-0064/<br>Luke Payne Cabin                                  | House                                     | 1770            | Randy Lichtenberger/ VDOT                         | 6/27/2008                         | Destroyed                                     | Not Evaluated              |
| 071-0067   | Barn                                      | 1370            | Anne Carter Lee                                   | 12/1/1972                         | None Provided                                 | Not Evaluated              |
| 071-0068   | Allan Holder Cabin                        | 2150            | Unknown   | 1972                              | None Provided                                 | Not Evaluated              |
| 071-0136/<br>Sandy Creek<br>Bridge                             | Bridge                                    | 1840            | Unknown   | 1/1/1991                          | None Provided                                 | Not Evaluated              |
| 071-0137/<br>White Oak<br>Mountain Wildlife<br>Management Area | Game Reserve/ Wildlife<br>Management Area | 0               | Jim Bowman/ DHR                                   | 1/1/1992                          | None Provided                                 | Not Evaluated              |
| 071-5033/<br>Belle Grove Church                                | Church                                    | 100             | K. Houston/ VDOT                                  | 6/10/1997                         | No Further Work                               | Not Eligible               |

**Table 4.5-3**

**Previously Recorded Aboveground Resources within 0.5-mile of Project Components in Virginia (updated September 25, 2018)**

| Resource Number/Name       | Resource Type                        | Distance (feet) | Recorder/ Organization                   | Date       | Recorder Evaluation  | SHPO Evaluation |
|----------------------------|--------------------------------------|-----------------|--|------------|----------------------|-----------------|
| 071-5107/ Bridge #6276     | Bridge                               | 1700            | Virginia Transportation Research Council | 1/1/1994   | None Provided        | Not Eligible    |
| 071-5135                   | House                                | 2120            | Caleb Christopher/ URS                   | 11/2/2001  | None Provided        | Not Evaluated   |
| 071-5136                   | House                                | 2170            | Caleb Christopher/ URS                   | 11/2/2001  | None Provided        | Not Evaluated   |
| 071-5140                   | House                                | 2220            | Caleb Christopher/ URS                   | 11/2/2001  | None Provided        | Not Evaluated   |
| 071-5141                   | House                                | 820             | Caleb Christopher/ URS                   | 11/2/2001  | None Provided        | Not Evaluated   |
| 071-5142                   | House                                | 1100            | Caleb Christopher/ URS                   | 11/2/2001  | None Provided        | Not Evaluated   |
| 071-5195                   | Hunting Cabin (poss. Slave Quarters) | 280             | Lyle Browning/ Browning & Associates     | 11/5/2003  | None Provided        | Not Evaluated   |
| 071-5196                   | House                                | 675             | Lyle Browning/ Browning & Associates     | 11/5/2003  | None Provided        | Not Evaluated   |
| 071-5197                   | Log Building                         | 880             | Lyle Browning/ Browning & Associates     | 11/5/2003  | None Provided        | Not Evaluated   |
| 071-5198                   | House and Outbuildings               | 880             | Lyle Browning/ Browning & Associates     | 11/5/2003  | None Provided        | Not Evaluated   |
| 071-5199                   | Ruins                                | 1400            | Lyle Browning/ Browning & Associates     | 11/5/2003  | None Provided        | Not Evaluated   |
| 071-5208                   | House                                | 80              | Megan Rupnik/ Louis Berger Group         | 10/29/2005 | Not Eligible         | Not Eligible    |
| 071-5209                   | House                                | 0               | Megan Rupnik/ Louis Berger Group         | 10/29/2005 | Not Eligible         | Not Eligible    |
| 071-5210                   | House                                | 0               | Megan Rupnik/ Louis Berger Group         | 10/29/2005 | Not Eligible         | Not Eligible    |
| 071-5211                   | Abandoned Farm,                      | 0               | Megan Rupnik/ Louis Berger Group         | 10/29/2005 | Not Eligible         | Not Eligible    |
| 071-5212/ Worely Farmstead | Farmstead                            | 0               | Megan Rupnik/ Louis Berger Group         | 10/18/2006 | Potentially Eligible | Eligible        |
| 071-5216                   | House                                | 880             | Megan Rupnik/ Louis Berger Group         | 2/2/2006   | Not Eligible         | Not Evaluated   |
| 071-5217                   | Farm                                 | 25              | Megan Rupnik/ Louis Berger Group         | 2/2/2006   | Not Eligible         | Not Evaluated   |
| 071-5218                   | House                                | 50              | Megan Rupnik/ Louis Berger Group         | 2/2/2006   | Not Eligible         | Not Evaluated   |
| 071-5219                   | Barn                                 | 0               | Megan Rupnik/ Louis Berger Group         | 2/2/2006   | Not Eligible         | Not Evaluated   |
| 071-5220                   | Log House                            | 10              | Megan Rupnik/ Louis Berger Group         | 2/2/2006   | Not Eligible         | Not Evaluated   |
| 071-5221                   | Farm                                 | 0               | Megan Rupnik/ Louis Berger Group         | 2/2/2006   | Potentially Eligible | Not Eligible    |

**Table 4.5-3**

**Previously Recorded Aboveground Resources within 0.5-mile of Project Components in Virginia (updated September 25, 2018)**

| Resource Number/Name                                    | Resource Type             | Distance (feet) | Recorder/ Organization  | Date                  | Recorder Evaluation           | SHPO Evaluation |
|---|---------------------------|-----------------|---|-----------------------|-------------------------------|-----------------|
| 071-5222/<br>Giles Log House                            | House                     | 100             | Megan Rupnik/ Louis Berger Group  | 2/2/2006              | Potentially Eligible          | Eligible        |
| 071-5223/<br>Jones/Keen<br>Cemetery                     | Cemetery                  | 980             | Ned Moore/ Louis Berger Group   | 2/1/2006              | Not Eligible                  | Not Evaluated   |
| 071-5224/<br>Fulton Cemetery                            | Cemetery                  | 250             | Ned Moore/ Louis Berger Group   | 2/1/2006              | Not Eligible                  | Not Evaluated   |
| 071-5225/<br>Wells Cemetery                             | Cemetery                  | 50              | Ned Moore/ Louis Berger Group   | 2/1/2006              | Not Eligible                  | Not Evaluated   |
| 071-5226  | Cemetery                  | 50              | Ned Moore/ Louis Berger Group   | 2/1/2006              | Not Eligible                  | Not Eligible    |
| 071-5227/<br>Wallor Cemetery                            | Cemetery                  | 50              | Ned Moore/ Louis Berger Group   | 2/1/2006              | Not Eligible                  | Not Eligible    |
| 071-5228/<br>44PY0375/<br>Berry Hill Building<br>Set 14 | Ruins                     | 0               | Caitlin Merritt/ Louis Berger Group   | 8/10/2018             | Not Eligible                  | Not Evaluated   |
| 071-5245/<br>Baker Tenant<br>House                      | House                     | 1500            | Lyle Browning/ Browning & Associates  | 2/7/2007              | None Provided                 | Not Eligible    |
| 071-5246/<br>Cassady House                              | House                     | 0               | Lyle Browning/ Browning & Associates  | 2/7/2007              | None Provided                 | Not Eligible    |
| 071-5258/<br>Culvert                                    | Concrete Railroad Culvert | 650             | Elizabeth Andre   | 11/15/2007            | Potentially Eligible          | Not Evaluated   |
| 071-5300/<br>Hairston Cemetery<br>Number 1              | Cemetery                  | 2500            | Lyle Browning/ Browning & Associates  | 3/1/2010              | Potentially Eligible          | Not Evaluated   |
| 071-5302/<br>Canter Tenant<br>House                     | House                     | 2400            | Lyle Browning/ Browning & Associates; Camilla Deiber/<br>Louis Berger Group | 8/1/2010<br>5/12/2014 | Not Eligible;<br>Not Eligible | Not Evaluated   |
| 071-5303/<br>Hairston Cemetery<br>Number 2              | Cemetery                  | 720             | Lyle Browning/ Browning & Associates  | 8/11/2010             | Not Eligible                  | Not Evaluated   |
| 071-5304/<br>Adams/Wilson<br>Cemetery                   | Cemetery                  | 985             | Lyle Browning/ Browning & Associates  | 8/1/2010              | Avoidance<br>Recommended      | Not Evaluated   |

**Table 4.5-3**

**Previously Recorded Aboveground Resources within 0.5-mile of Project Components in Virginia (updated September 25, 2018)**

| Resource Number/Name                               | Resource Type | Distance (feet) | Recorder/ Organization  | Date                  | Recorder Evaluation                                 | SHPO Evaluation |
|--|---------------|-----------------|---|-----------------------|---|-----------------|
| 071-5305   | House         | 0               | Lyle Browning/ Browning & Associates  | 8/1/2010              | Not Eligible  | Not Evaluated   |
| 071-5313/<br>Berry Hill Building<br>Sets 12 and 13 | Farmstead     | 0               | Summer Chaffman/ Browning & Associates; Caitlin Merritt/ Louis Berger Group | 5/1/2011<br>8/10/2016 | Unable to Asses; Not Eligible                       | Not Evaluated   |
| 071-5316   | House         | 2400            | Summer Chaffman/ Browning & Associates; Camilla Deiber/ Louis Berger Group  | 5/1/2011<br>5/12/2014 | Unable to Asses; Not Eligible                       | Not Evaluated   |
| 071-5317   | Tobacco Barns | 20000           | Summer Chaffman/ Browning & Associates; Camilla Deiber/ Louis Berger Group  | 5/1/2011<br>5/12/2014 | Unable to Asses; Not Eligible                       | Not Evaluated   |
| 071-5318   | Tobacco Barn  | 270             | Summer Chaffman/ Browning & Associates; Camilla Deiber/ Louis Berger Group  | 5/1/2011<br>5/12/2014 | Unable to Asses; Not Eligible                       | Not Evaluated   |
| 071-5319   | Farmstead     | 760             | Summer Chaffman/ Browning & Associates; Camilla Deiber/ Louis Berger Group  | 5/1/2011<br>5/12/2014 | Unable to Asses- Potentially Eligible; Not Eligible | Not Evaluated   |
| 071-5322   | Farm Complex  | 2500            | Summer Chaffman/ Browning & Associates; Camilla Deiber/ Louis Berger Group  | 5/1/2011<br>5/12/2014 | Unable to Asses; Not Eligible                       | Not Evaluated   |
| 071-5329/<br>Lynskey House                         | House         | 2500            | Lyle Browning/ Browning & Associates  | 1/1/2011              | None Provided                                       | Not Evaluated   |
| 071-5330   | House         | 900             | Lyle Browning/ Browning & Associates  | 1/1/2011              | Not Eligible  | Not Evaluated   |
| 071-5331   | House         | 2500            | Lyle Browning/ Browning & Associates  | 1/1/2011              | Not Eligible  | Not Evaluated   |
| 071-5332/<br>Keatts House                          | House         | 2340            | Lyle Browning/ Browning & Associates  | 1/1/2011              | Not Eligible  | Not Evaluated   |
| 071-5333   | Farmstead     | 0               | Lyle Browning/ Browning & Associates  | 1/1/2011              | Not Eligible  | Not Evaluated   |
| 071-5335/<br>Harmony Methodist<br>Church           | Church        | 1200            | Lyle Browning/ Browning & Associates  | 1/1/2011              | None Provided                                       | Not Evaluated   |
| 071-5336   | House         | 2400            | Summer Chaffman/ Browning & Associates; Camilla Deiber/ Louis Berger Group  | 5/1/2011<br>5/12/2014 | Unable to Asses; Not Eligible                       | Not Evaluated   |

**Table 4.5-3**

**Previously Recorded Aboveground Resources within 0.5-mile of Project Components in Virginia (updated September 25, 2018)**

| Resource Number/Name                                 | Resource Type    | Distance (feet) | Recorder/Organization               | Date       | Recorder Evaluation            | SHPO Evaluation                      |
|--|------------------|-----------------|-------------------------------------|------------|--------------------------------|--------------------------------------|
| 071-5413/<br>Jones Farm                              | Farm             | 0               | Sonja Ingram/ Preservation Virginia | 12/17/2012 | Recommended for Further Survey | Eligible for ER purpose only         |
| 071-5499   | Shed Ruin        | 360             | Tetra Tech/New South Associates     | 4/2/2015   | Not Eligible                   | Not Eligible                         |
| 071-5524/<br>Transco Transfer Station No. 165        | Transfer Station | 0               | Ellen Turco/New South Associates    | 7/10/2015  | Not Eligible                   | Not Evaluated                        |
| 071-5525   | Cemetery         | 50              | Gail Hellman/New South Associates   | 5/25/2016  | Not Eligible                   | Not Eligible                         |
| 071-5526/<br>Gafford House Ruins                     | Ruins            | 0               | Gail Hellman/New South Associates   | 5/25/2016  | Not Eligible                   | Not Eligible                         |
| 071-5529/<br>44PY0376/<br>Berry Hill Building Set 15 | Ruins            | 2300            | Caitlin Merritt/ Louis Berger Group | 8/10/2016  | Not Eligible                   | Not Evaluated                        |
| 071-5530/<br>44PY0373/<br>Berry Hill Building Set 11 | Ruins            | 0               | Caitlin Merritt/ Louis Berger Group | 8/10/2016  | Not Eligible                   | Primary Resource is no longer extant |
| 071-5543   | House            | 830             | Crystal Castleberry/ Cardno         | 05/15/2018 | Not Eligible                   | Eligible for ER purpose only         |
| 071-5544   | Farm             | 630             | Crystal Castleberry/ Cardno         | 05/15/2018 | Further Investigation          | Eligible for ER purpose only         |
| 071-5545   | House            | 360             | Crystal Castleberry/ Cardno         | 05/15/2018 | Further Investigation          | Not Eligible                         |
| 071-5546   | Farm             | 775             | Crystal Castleberry/ Cardno         | 05/15/2018 | Further Investigation          | Not Eligible                         |
| 071-5547   | House            | 1180            | Crystal Castleberry/ Cardno         | 05/15/2018 | Not Eligible                   | Not Eligible                         |
| 071-5548   | House            | 1385            | Crystal Castleberry/ Cardno         | 05/15/2018 | Not Eligible                   | Not Eligible                         |
| 071-5549   | House            | 1200            | Crystal Castleberry/ Cardno         | 05/15/2018 | Not Eligible                   | Not Eligible                         |
| 071-5550   | House            | 1490            | Crystal Castleberry/ Cardno         | 05/15/2018 | Not Eligible                   | Not Eligible                         |
| 071-5551   | House            | 1995            | Crystal Castleberry/ Cardno         | 05/15/2018 | Not Eligible                   | Not Eligible                         |



**Table 4.5-4**

**Previously Recorded Aboveground Resources within 0.5-mile of Project Components in North Carolina (current as of September 26, 2018)**

| Resource Number/<br>Name                       | Resource Type                      | Distance (feet) | Recorder/<br>Organization        | Date       | Recorder Evaluation | SHPO Evaluation                  |
|--|------------------------------------|-----------------|----------------------------------|------------|---------------------|----------------------------------|
| RK0001/<br>Cascade Plantation                  | Plantation House                   | 1400            | Department of Archives & History | Unknown    | Eligible            | NRHP Listed                      |
| RK0003   | High Rock Farm                     | 2000            | Woodard                          | 2003       | NRHP Listed         | NRHP Listed                      |
| RK0620   | House                              | 1500            | John R. Harrington               | 3/15/1984  | None Provided       | Unassessed (Survey Only)         |
| RK0621   | House                              | 2000            | John R. Harrington               | 3/15/1984  | None Provided       | Demolished                       |
| RK0622   | House                              | 2000            | John R. Harrington               | 3/15/1984  | None Provided       | Unassessed (Survey Only)         |
| RK0624   | House                              | 2000            | John R. Harrington               | 3/15/1984  | None Provided       | Unassessed (Survey Only)         |
| RK0627/<br>Draper Mill Houses<br>(Centerpoint) | Mill Houses                        | 2200            | Claudia Brown                    | 1984       | None Provided       | Unassessed<br>(Survey Area Only) |
| RK0630/<br>St. Paul's Church                   | Church                             | 2600            | Steve Hodges                     | 12/10/1983 | None Provided       | Unassessed (Survey Only)         |
| RK0632/<br>Sunshine School                     | School                             | 2600            | Steve Hodges                     | 12/10/1983 | None Provided       | Unassessed (Survey Only)         |
| RK1017   | Hickory Grove (Nelson Farm) (Gone) | 1200            | Unknown                          | Unknown    | Unknown             | Demolished                       |
| RK1086   | Barn                               | 0               | Unknown                          | Unknown    | None Provided       | Unassessed (Survey Only)         |
| RK1395   | House                              | 2000            | S. Woodard                       | 8/15/2002  | None Provided       | Demolished                       |
| RK1396   | House                              | 275             | S. Woodard                       | 8/15/2002  | None Provided       | Unassessed (Survey Only)         |
| RK1397   | House                              | 250             | S. Woodard                       | 8/15/2002  | None Provided       | Unassessed (Survey Only)         |
| RK1398/<br>Ed and Eloise<br>Moore House        | House                              | 1350            | S. Woodard                       | 8/15/2002  | None Provided       | Unassessed (Survey Only)         |
| RK1400   | House                              | 1700            | Jeff Smith                       | 8/16/2002  | None Provided       | Unassessed (Survey Only)         |
| RK1416   | House                              | 2040            | S. Woodard                       | 8/25/2002  | None Provided       | Unassessed (Survey Only)         |

**Table 4.5-4**

**Previously Recorded Aboveground Resources within 0.5-mile of Project Components in North Carolina (current as of September 26, 2018)**

| Resource Number/<br>Name                                       | Resource Type | Distance (feet) | Recorder/<br>Organization  | Date             | Recorder Evaluation      | SHPO Evaluation   |
|--|---------------|-----------------|--|------------------|--------------------------|---|
| RK1529/<br>Walker Farm   | Farm          | 820             | S. Woodard   | 11/13/2002       | None Provided            | Unassessed (Survey Only)  |
| RK1530/<br>Dixon House   | House         | 770             | Jeff Smith   | 11/13/2002       | None Provided            | Unassessed (Survey Only)  |
| RK1531/<br>Settle Family<br>Cemetery                           | Cemetery      | 350             | Jeff Smith   | 11/13/2002       | Potentially Eligible     | Unassessed (Study List)   |
| RK1534/<br>Tucker Cross Farm                                   | Farm          | 950             | Jeff Smith   | 11/14/2002       | Potentially Eligible     | Unassessed (Study List)   |
| RK1566/ Josiah<br>Settle House                                 | House         | 1400            | S. Woodard   | 1/29/2003        | Deteriorated             | Demolished  |
| RK1570   | House         | 2550            | S. Woodard   | 6/04/2003        | None Provided            | Unassessed (Survey Only)  |
| GF 1822  | House         | 2100            | Unknown  | 1995             | None Provided            | Unassessed (Survey Only)  |
| AM----/<br>Quackenbush House<br>(current site)                 | House (moved) | 385             | Unknown  | 1989; moved 1993 | Unknown                  | Unassessed (Survey Only)  |
| AM0003/AM1515/<br>Glencoe Mill<br>Village Historic<br>District | Mill Village  | 1500            | NR Form: Department of Archives<br>and History<br><br>LHD Documentation: Charles<br>Kenwood/ Preservation Foundation<br>of North Carolina; Jeff Triezenberg/<br>City of Burlington Planning<br>Department; Helen Walton/<br>Burlington Historic Preservation<br>Commission | 1979<br><br>1999 | Eligible<br><br>Eligible | National Register<br>Listed Historic District;<br>Local Historic District |
| AM0010/<br>Charles Thomas<br>Holt House                        | House         | 1200            | Linda Marquez-Frees  | 11/06/1980       | Eligible                 | National Register<br>Listed   |
| AM0015/ Charles<br>Albright House                              | House         | 2350            | Carl Lounsbury/ Alamance County<br>Historic Properties Commission  | 3/1/1980         | None Provided            | Unassessed (Survey Only)  |
| AM0020/ Henry<br>Albright House<br>(Gone)                      | House (Gone)  | 2400            | Carl Lounsbury/ Alamance County<br>Historic Properties Commission  | 12/0/1978        | None Provided            | Demolished  |

**Table 4.5-4**

**Previously Recorded Aboveground Resources within 0.5-mile of Project Components in North Carolina (current as of September 26, 2018)**

| Resource Number/<br>Name                           | Resource Type        | Distance (feet) | Recorder/<br>Organization   | Date      | Recorder Evaluation  | SHPO Evaluation             |
|--|----------------------|-----------------|---|-----------|----------------------|-----------------------------|
| AM0031/<br>James Anderson<br>House                 | James Anderson House | 795             | Carl Lounsbury/<br>Alamance County<br>Historic Properties<br>Commission | 11/1/1978 | None Provided        | Unassessed (Survey<br>Only) |
| AM0046/<br>Squire Blackmon<br>House (Gone)         | House (Gone)         | 125             | Unknown   | 10/1/1978 | None Provided        | Demolished                  |
| AM0047/<br>William Blanchard<br>House              | House                | 720             | Unknown   | 11/1/1978 | None Provided        | Unassessed (Survey<br>Only) |
| AM0067/<br>Thomas Bullard<br>House                 | House                | 1000            | Carl Lounsbury/<br>Alamance County<br>Historic Properties<br>Commission | Unknown   | None Provided        | Unassessed (Survey<br>Only) |
| AM0122/<br>Chesley Dickey<br>House                 | House                | 280             | Carl Lounsbury/<br>Alamance County<br>Historic Properties<br>Commission | 10/1/1978 | None Provided        | Unassessed (Survey<br>Only) |
| AM0129/<br>Dixon-Thompson<br>House (Gone)          | House (Gone)         | 720             | Carl Lounsbury/<br>Alamance County<br>Historic Properties<br>Commission | 12/1/1978 | Potentially Eligible | Demolished                  |
| AM0133/<br>S.L. Faucette Log<br>House (Gone)       | House (Gone)         | 900             | Carl Lounsbury/<br>Alamance County<br>Historic Properties<br>Commission | 11/1/1978 | None Provided        | Demolished                  |
| AM0153/<br>Gem Theater<br>(Gone)                   | Theater (Gone)       | 20              | Carl Lounsbury/<br>Alamance County<br>Historic Properties<br>Commission | 11/1/1978 | None Provided        | Demolished                  |
| AM0157/<br>Gilliam Academy                         | School               | 1360            | Carl Lounsbury/<br>Alamance County<br>Historic Properties<br>Commission | 10/1/1978 | None Provided        | Unassessed (Survey<br>Only) |
| AM0158/<br>Gilliam Church<br>(Gone)                | Church (Gone)        | 1130            | Carl Lounsbury/<br>Alamance County<br>Historic Properties<br>Commission | 10/1/1978 | None Provided        | Demolished                  |
| AM0160/<br>J.H. Gilliam House                      | House                | 1280            | Carl Lounsbury/<br>Alamance County<br>Historic Properties<br>Commission | 10/1/1978 | None Provided        | Unassessed (Survey<br>Only) |
| AM0183/<br>Haw River<br>Christian Church<br>(Gone) | Church (Gone)        | 450             | Unknown   | 09/1/1978 | None Provided        | Demolished                  |

**Table 4.5-4**

**Previously Recorded Aboveground Resources within 0.5-mile of Project Components in North Carolina (current as of September 26, 2018)**

| Resource Number/<br>Name                             | Resource Type    | Distance (feet) | Recorder/<br>Organization   | Date                  | Recorder Evaluation  | SHPO Evaluation             |
|--|------------------|-----------------|---|-----------------------|----------------------|-----------------------------|
| AM0184/<br>North Carolina<br>Railroad Bridge<br>Pier | Bridge Pier      | 1510            | Ruth Little-Stokes<br>Benjamin Briggs                             | 7/1/1979<br>3/27/2002 | None Provided        | Unassessed (Survey<br>Only) |
| AM0185/<br>Southern Railway<br>Overpass              | Railway Overpass | 2400            | Ruth Little-Stokes  | 7/1/1979              | None Provided        | Unassessed (Survey<br>Only) |
| AM0203/ AM1516<br>T.M. Holt Mfg.<br>Company          | Mill             | 200             | Carl Lounsbury/ Alamance County<br>Historic Properties Commission | 10/01/1978            | None Provided        | Unassessed (Survey<br>Only) |
| AM0204/<br>Holt Chapel<br>Methodist Church           | Church           | 2100            | Carl Lounsbury/ Alamance County<br>Historic Properties Commission | 10/01/1978            | Potentially Eligible | Unassessed (Study<br>List)  |
| AM0205/<br>Holt Mill House<br>(Gone)                 | House (Gone)     | 650             | Carl Lounsbury/ Alamance County<br>Historic Properties Commission | 11/1/1978             | None Provided        | Demolished                  |
| AM0209/<br>John Huffines<br>House                    | House            | 470             | Carl Lounsbury/ Alamance County<br>Historic Properties Commission | 10/1/1978             | None Provided        | Unassessed (Survey<br>Only) |
| AM0219/<br>Christian Iseley<br>House                 | House            | 1000            | Carl Lounsbury/ Alamance County<br>Historic Properties Commission | 10/1/1978             | None Provided        | Unassessed (Survey<br>Only) |
| AM0225/<br>Holt Mill House/<br>Johnston House        | House            | 70              | Carl Lounsbury/ Alamance County<br>Historic Properties Commission | 10/1/1978             | None Provided        | Unassessed (Survey<br>Only) |
| AM0235/<br>J.P. Kerr House<br>(Gone)                 | House (Gone)     | 800             | Carl Lounsbury/ Alamance County<br>Historic Properties Commission | 12/1/1978             | None Provided        | Demolished                  |
| AM0241/<br>Lee Lewis House<br>(Gone)                 | House (Gone)     | 50              | Carl Lounsbury/ Alamance County<br>Historic Properties Commission | 12/1/1978             | None Provided        | Demolished                  |
| AM0251/<br>Jacob Long House<br>(Gone)                | House            | 2200            | Carl Lounsbury/ Alamance County<br>Historic Properties Commission | 11/1/1982             | None Provided        | Unassessed (Survey<br>Only) |
| AM0266/<br>McClure House                             | House            | 50              | Carl Lounsbury/ Alamance County<br>Historic Properties Commission | 10/1/1978             | None Provided        | Unassessed (Survey<br>Only) |

**Table 4.5-4**

**Previously Recorded Aboveground Resources within 0.5-mile of Project Components in North Carolina (current as of September 26, 2018)**

| Resource Number/<br>Name                      | Resource Type     | Distance (feet) | Recorder/<br>Organization   | Date                   | Recorder Evaluation | SHPO Evaluation             |
|---|-------------------|-----------------|---|------------------------|---------------------|-----------------------------|
| AM0267/<br>McCracken School                   | School            | 1840            | Carl Lounsbury/ Alamance County<br>Historic Properties Commission                     | 10/1/1976              | None Provided       | Unassessed (Survey<br>Only) |
| AM0299/<br>Morris House                       | House             | 2100            | Carl Lounsbury/ Alamance County<br>Historic Properties Commission                     | 10/1/1978              | None Provided       | Unassessed (Survey<br>Only) |
| AM0323/<br>Over the River Holt<br>Mill Houses | Mill Houses       | 1980            | Carl Lounsbury/ Alamance County<br>Historic Properties Commission                     | 10/1/1978              | None Provided       | Unassessed (Survey<br>Only) |
| AM0335/<br>Pearson House                      | House             | 1150            | Carl Lounsbury/ Alamance County<br>Historic Properties Commission;<br>Benjamin Briggs | 10/1/1978<br>3/27/2002 | None Provided       | Unassessed (Survey<br>Only) |
| AM0337/<br>Lawson Perry<br>House              | House             | 1800            | Carl Lounsbury/ Alamance County<br>Historic Properties Commission                     | 9/1/1978               | None Provided       | Unassessed (Survey<br>Only) |
| AM0347/<br>Ray House (Gone)                   | House (Gone)      | 1470            | Unknown   | 10/1/1978              | None Provided       | Demolished                  |
| AM0350/<br>Robertson House                    | House             | 100             | Carl Lounsbury/ Alamance County<br>Historic Properties Commission                     | 10/1/1978              | None Provided       | Unassessed (Survey<br>Only) |
| AM0360/<br>Chesley Roney<br>House             | House             | 430             | Carl Lounsbury/ Alamance County<br>Historic Properties Commission                     | 10/1/1978              | None Provided       | Unassessed (Survey<br>Only) |
| AM0362/<br>John Roney House                   | House             | 550             | Carl Lounsbury/ Alamance County<br>Historic Properties Commission                     | 9/1/1978               | None Provided       | Unassessed (Survey<br>Only) |
| AM0387/<br>Haywood-Simpson<br>House           | House             | 650             | Carl Lounsbury/ Alamance County<br>Historic Properties Commission                     | 10/1/1978              | None Provided       | Unassessed (Survey<br>Only) |
| AM0389/<br>William Simpson<br>House           | House             | 1600            | Carl Lounsbury/ Alamance County<br>Historic Properties Commission                     | 10/1/1978              | None Provided       | Unassessed (Survey<br>Only) |
| AM0417/<br>Ben Sutton House<br>(Gone)         | House (Gone)      | 2200            | Carl Lounsbury/ Alamance County<br>Historic Properties Commission                     | 10/1/1978              | None Provided       | Demolished                  |
| AM0440/ Trolinger<br>Grist Mill (Gone)        | Grist Mill (Gone) | 1300            | Carl Lounsbury/ Alamance County<br>Historic Properties Commission                     | 10/1/1978              | None Provided       | Demolished                  |
| AM0447/<br>Captain Sam Vest<br>House          | House             | 310             | Carl Lounsbury/ Alamance County<br>Historic Properties Commission                     | 10/1/1978              | None Provided       | Unassessed (Survey<br>Only) |

**Table 4.5-4**

**Previously Recorded Aboveground Resources within 0.5-mile of Project Components in North Carolina (current as of September 26, 2018)**

| Resource Number/<br>Name                     | Resource Type              | Distance (feet) | Recorder/<br>Organization   | Date                  | Recorder Evaluation | SHPO Evaluation             |
|--|----------------------------|-----------------|---|-----------------------|---------------------|-----------------------------|
| AM0454/<br>Alexander Walker<br>House         | House                      | 2400            | Carl Lounsbury/ Alamance County<br>Historic Properties Commission;<br>Benjamin Briggs | 10/1/1978<br>1/9/2002 | None Provided       | Unassessed (Survey<br>Only) |
| AM0460/<br>Watlington Log<br>House           | House                      | 2480            | Carl Lounsbury/ Alamance County<br>Historic Properties Commission                     | 12/1/1978             | None Provided       | Unassessed (Survey<br>Only) |
| AM0464/<br>Kerr Scott Farm                   | Farm                       | 1500            | Linda Marques-Frees   | 11/12/1980            | Eligible            | NRHP Listed                 |
| AM0470/<br>Whittemore-<br>Murray House       | House                      | 1110            | Carl Lounsbury/ Alamance County<br>Historic Properties Commission                     | 9/1/1978              | None Provided       | Unassessed (Survey<br>Only) |
| AM0867/<br>Granite Mill                      | Granite Mill               | 0               | Linda Marques-Frees   | 11/6/1980             | Eligible            | National Register<br>Listed |
| AM1189/<br>Sam Phibbs House                  | Sam Phibbs House           | 720             | Benjamin Briggs   | 11/15/2001            | None Provided       | Unassessed (Survey<br>Only) |
| AM1210/<br>Jimmy Ross House<br>(Gone)        | Jimmy Ross House<br>(Gone) | 1620            | Unknown   | Unknown               | None Provided       | Demolished                  |
| AM1324/<br>NC Railroad Bridge                | NC Railroad Bridge         | 600             | Carl Lounsbury/ Alamance County<br>Historic Properties Commission                     | 10/1/1978             | None Provided       | Unassessed (Survey<br>Only) |
| AM1520/<br>J.M. Jordan House                 | House                      | 65              | Benjamin Briggs   | 11/15/2001            | None Provided       | Unassessed (Survey<br>Only) |
| AM1521/<br>Buckner Mobile<br>Home Park       | Mobile Home Park           | 2600            | Benjamin Briggs   | 11/15/2001            | None Provided       | Unassessed (Survey<br>Only) |
| AM1522/<br>G.L. Lewis Farm                   | Farm                       | 970             | Benjamin Briggs   | 11/15/2001            | None Provided       | Unassessed (Survey<br>Only) |
| AM1523/<br>Shiloh Church &<br>Cemetery       | Church & Cemetery          | 2070            | Benjamin Briggs   | 11/15/2001            | None Provided       | Unassessed (Survey<br>Only) |
| AM1525                                       | Claude Gerringer House     | 2500            | Benjamin Briggs   | 1/9/2002              | None Provided       | Unassessed (Survey<br>Only) |
| AM1526/<br>J.S. & Mrs. M.J.<br>Gilliam House | House                      | 1420            | Benjamin Briggs   | 1/9/2002              | None Provided       | Unassessed (Survey<br>Only) |

**Table 4.5-4**

**Previously Recorded Aboveground Resources within 0.5-mile of Project Components in North Carolina (current as of September 26, 2018)**

| Resource Number/<br>Name                          | Resource Type     | Distance (feet) | Recorder/<br>Organization         | Date              | Recorder Evaluation  | SHPO Evaluation  |
|---|-------------------|-----------------|-----------------------------------|-------------------|----------------------|--|
| AM1527/<br>Primitive Baptist<br>Library           | Library           | 1340            | Benjamin Briggs                   | 1/9/2002          | Potentially Eligible | Unassessed (Study<br>List)                             |
| AM1528/<br>J.D. Kernodle<br>House (Gone)          | House (Gone)      | 1230            | Benjamin Briggs                   | 1/9/2002          | None Provided        | Demolished   |
| AM1529/<br>J.A. Gilliam House                     | House             | 1770            | Benjamin Briggs                   | 1/9/2002          | None Provided        | Unassessed (Survey<br>Only)                            |
| AM1535/<br>J.D. Simpson<br>House                  | House             | 250             | Benjamin Briggs                   | 1/17/2002         | None Provided        | Unassessed (Survey<br>Only)                            |
| AM1536/<br>William Boone<br>House                 | House             | 1000            | Benjamin Briggs                   | 1/17/2002         | None Provided        | Unassessed (Survey<br>Only)                            |
| AM1544/<br>J.T. Smith Grocery                     | Grocery           | 1700            | Benjamin Briggs                   | 1/31/2002         | Potentially Eligible | Unassessed (Study<br>List)                             |
| AM1584/<br>Glencoe School<br>(Gone)               | School (Gone)     | 250             | Benjamin Briggs<br>Heather Wagner | 3/7/2002;<br>2010 | Eligible             | Demolished<br>(previously National<br>Register Listed) |
| AM1592/<br>Red Slide Mill<br>Village              | Mill Village      | 1200            | Benjamin Briggs                   | 3/25/2002         | None Provided        | Unassessed (Survey<br>Area Only)                       |
| AM1593/<br>Haw River United<br>Methodist Church   | Church            | 1900            | Benjamin Briggs                   | 3/25/2002         | None Provided        | Unassessed (Survey<br>Only)                            |
| AM1595/<br>Haw River Central<br>Business District | Business District | 200             | Benjamin Briggs                   | 3/27/2002         | None Provided        | Unassessed (Survey<br>Area Only)                       |
| AM1596/<br>Corner Gas Station                     | Gas Station       | 1300            | Benjamin Briggs                   | 3/27/2002         | None Provided        | Unassessed (Survey<br>Only)                            |
| AM1597/ Hideaway<br>Farm (Gone)                   | Farm (Gone)       | 2400            | Benjamin Briggs                   | 3/27/2002         | None Provided        | Demolished   |
| AM1600/<br>Kerr Place                             | Farm              | 780             | Benjamin Briggs                   | 3/27/2002         | None Provided        | Unassessed (Survey<br>Only)                            |

**Table 4.5-4**

**Previously Recorded Aboveground Resources within 0.5-mile of Project Components in North Carolina (current as of September 26, 2018)**

| Resource Number/<br>Name                                     | Resource Type     | Distance (feet) | Recorder/<br>Organization                            | Date                  | Recorder Evaluation  | SHPO Evaluation          |
|--|-------------------|-----------------|--|-----------------------|----------------------|--------------------------|
| AM1603/<br>Deep Creek<br>Primitive Baptist<br>Church         | Church            | 100             | Benjamin Briggs                                      | 2/14/2002             | Potentially Eligible | Unassessed (Study List)  |
| AM1670/ Bridge<br>No. 72 (Replaced)                          | Bridge (Replaced) | 1630            | Bridge Department-NC State<br>Highway Comm.; Unknown | 6/26/1963;<br>Unknown | None Provided        | Demolished               |
| AM1671/ Bridge<br>No. 73 (Replaced)                          | Bridge (Replaced) | 1400            | Bridge Department-NC State<br>Highway Comm.; Unknown | 6/26/1963;<br>Unknown | None Provided        | Demolished               |
| AM2407/AM2408<br>Cora Mill/<br>Tabardrey Mills<br>Warehouses | Mill              | 0               | Unknown  | 2005?                 | Unknown              | Unassessed (Survey Only) |



| <b>Table 4.5-5</b>   |                      |                 |            |  |
|--|----------------------|-----------------|------------|--|
| <b>Cultural Resources Survey Status of Pipeline Route (current as of September 20, 2018)</b> |                      |                 |            |  |
| <b>Facility</b>  | <b>County, State</b> | <b>Milepost</b> |            | <b>Survey Status/Scheduled Completion Date</b> |
|  |                      | <b>Start</b>    | <b>End</b> |  |
| H-605 Pipeline   | Pittsylvania, VA     | 0               | 0.15       | Surveyed                                       |
| H-605 Pipeline   | Pittsylvania, VA     | 0.15            | 0.25       | Pending survey completion/<br>December 2018    |
| H-605 Pipeline   | Pittsylvania, VA     | 0.25            | 0.35       | Surveyed                                       |
| H-605 Pipeline   | Pittsylvania, VA     | 0.35            | 0.44       | Pending survey completion/<br>December 2018    |
| H-650 Pipeline   | Pittsylvania, VA     | 0               | 9.72       | Surveyed                                       |
| H-650 Pipeline   | Pittsylvania, VA     | 9.72            | 9.84       | Pending survey completion/<br>December 2018    |
| H-650 Pipeline   | Pittsylvania, VA     | 9.84            | 11.08      | Surveyed                                       |
| H-650 Pipeline   | Pittsylvania, VA     | 11.08           | 11.23      | Pending survey completion/<br>December 2018    |
| H-650 Pipeline   | Pittsylvania, VA     | 11.23           | 20.01      | Surveyed                                       |
| H-650 Pipeline   | Pittsylvania, VA     | 20.01           | 20.33      | Pending survey completion/<br>December 2018    |
| H-650 Pipeline   | Pittsylvania, VA     | 20.33           | 26.09      | Surveyed                                       |
| H-650 Pipeline   | Rockingham, NC       | 26.09           | 27.02      | Surveyed                                       |
| H-650 Pipeline   | Rockingham, NC       | 27.02           | 28.28      | Pending survey completion/<br>December 2018    |
| H-650 Pipeline   | Rockingham, NC       | 28.28           | 30.83      | Surveyed                                       |
| H-650 Pipeline   | Rockingham, NC       | 30.83           | 31.11      | Pending survey completion/<br>December 2018    |
| H-650 Pipeline   | Rockingham, NC       | 31.11           | 32.37      | Surveyed                                       |
| H-650 Pipeline   | Rockingham, NC       | 32.37           | 32.43      | Pending survey completion/<br>December 2018    |
| H-650 Pipeline   | Rockingham, NC       | 32.43           | 33.60      | Surveyed                                       |
| H-650 Pipeline   | Rockingham, NC       | 33.60           | 33.88      | Pending survey completion/<br>December 2018    |
| H-650 Pipeline   | Rockingham, NC       | 33.88           | 37.52      | Surveyed                                       |
| H-650 Pipeline   | Rockingham, NC       | 37.52           | 37.84      | Pending survey completion/<br>December 2018    |
| H-650 Pipeline   | Rockingham, NC       | 37.84           | 38.74      | Surveyed                                       |
| H-650 Pipeline   | Rockingham, NC       | 38.74           | 38.81      | Pending survey completion/<br>December 2018    |
| H-650 Pipeline   | Rockingham, NC       | 38.81           | 43.09      | Surveyed                                       |
| H-650 Pipeline   | Rockingham, NC       | 43.09           | 43.15      | Pending survey completion/<br>December 2018    |
| H-650 Pipeline   | Rockingham, NC       | 43.15           | 49.32      | Surveyed                                       |
| H-650 Pipeline   | Rockingham, NC       | 49.32           | 49.35      | Pending survey completion/<br>December 2018    |
| H-650 Pipeline   | Rockingham, NC       | 49.35           | 49.53      | Surveyed                                       |
| H-650 Pipeline   | Rockingham, NC       | 49.53           | 49.67      | Pending survey completion/<br>December 2018    |
| H-650 Pipeline   | Rockingham, NC       | 49.67           | 49.93      | Surveyed                                       |
| H-650 Pipeline   | Rockingham, NC       | 49.93           | 50.13      | Pending survey completion/<br>December 2018    |
| H-650 Pipeline   | Rockingham, NC       | 50.13           | 50.32      | Surveyed                                       |
| H-650 Pipeline   | Rockingham, NC       | 50.32           | 50.79      | Pending survey completion/<br>December 2018    |
| H-650 Pipeline   | Rockingham, NC       | 50.79           | 52.63      | Surveyed                                       |
| H-650 Pipeline   | Alamance, NC         | 52.63           | 52.76      | Surveyed                                       |

| <b>Table 4.5-5</b>   |                      |                 |            |  |
|--|----------------------|-----------------|------------|--|
| <b>Cultural Resources Survey Status of Pipeline Route (current as of September 20, 2018)</b> |                      |                 |            |  |
| <b>Facility</b>  | <b>County, State</b> | <b>Milepost</b> |            | <b>Survey Status/Scheduled Completion Date</b> |
|  |                      | <b>Start</b>    | <b>End</b> |  |
| H-650 Pipeline   | Alamance, NC         | 52.76           | 53.05      | Pending survey completion/<br>December 2018    |
| H-650 Pipeline   | Alamance, NC         | 53.05           | 53.89      | Surveyed                                       |
| H-650 Pipeline   | Alamance, NC         | 53.89           | 53.90      | Pending survey completion/<br>December 2018    |
| H-650 Pipeline   | Alamance, NC         | 53.90           | 54.92      | Surveyed                                       |
| H-650 Pipeline   | Alamance, NC         | 54.92           | 55.00      | Pending survey completion/<br>December 2018    |
| H-650 Pipeline   | Alamance, NC         | 55.00           | 55.30      | Surveyed                                       |
| H-650 Pipeline   | Alamance, NC         | 55.30           | 55.32      | Pending survey completion/<br>December 2018    |
| H-650 Pipeline   | Alamance, NC         | 55.32           | 57.86      | Surveyed                                       |
| H-650 Pipeline   | Alamance, NC         | 57.86           | 58.53      | Pending survey completion/<br>December 2018    |
| H-650 Pipeline   | Alamance, NC         | 58.53           | 58.69      | Surveyed                                       |
| H-650 Pipeline   | Alamance, NC         | 58.69           | 59.72      | Pending survey completion/<br>December 2018    |
| H-650 Pipeline   | Alamance, NC         | 59.72           | 61.15      | Surveyed                                       |
| H-650 Pipeline   | Alamance, NC         | 61.15           | 61.39      | Pending survey completion/<br>December 2018    |
| H-650 Pipeline   | Alamance, NC         | 61.39           | 62.35      | Surveyed                                       |
| H-650 Pipeline   | Alamance, NC         | 62.35           | 62.46      | Pending survey completion/<br>December 2018    |
| H-650 Pipeline   | Alamance, NC         | 62.46           | 63.64      | Surveyed                                       |
| H-650 Pipeline   | Alamance, NC         | 63.64           | 65.59      | Pending survey completion/<br>December 2018    |
| H-650 Pipeline   | Alamance, NC         | 65.59           | 65.92      | Surveyed                                       |
| H-650 Pipeline   | Alamance, NC         | 65.92           | 67.47      | Pending survey completion/<br>December 2018    |
| H-650 Pipeline   | Alamance, NC         | 67.47           | 67.61      | Surveyed                                       |
| H-650 Pipeline   | Alamance, NC         | 67.61           | 67.74      | Pending survey completion/<br>December 2018    |
| H-650 Pipeline   | Alamance, NC         | 67.74           | 67.89      | Surveyed                                       |
| H-650 Pipeline   | Alamance, NC         | 67.89           | 68.23      | Pending survey completion/<br>December 2018    |
| H-650 Pipeline   | Alamance, NC         | 68.23           | 68.47      | Surveyed                                       |
| H-650 Pipeline   | Alamance, NC         | 68.47           | 68.65      | Pending survey completion/<br>December 2018    |
| H-650 Pipeline   | Alamance, NC         | 68.65           | 69.47      | Surveyed                                       |
| H-650 Pipeline   | Alamance, NC         | 69.47           | 69.82      | Pending survey completion/<br>December 2018    |
| H-650 Pipeline   | Alamance, NC         | 69.82           | 69.83      | Surveyed                                       |
| H-650 Pipeline   | Alamance, NC         | 69.83           | 69.92      | Pending survey completion/<br>December 2018    |
| H-650 Pipeline   | Alamance, NC         | 69.92           | 71.87      | Surveyed                                       |
| H-650 Pipeline   | Alamance, NC         | 71.87           | 72.19      | Pending survey completion/<br>December 2018    |
| H-650 Pipeline   | Alamance, NC         | 72.19           | 72.84      | Surveyed                                       |
| H-650 Pipeline   | Alamance, NC         | 72.84           | 72.86      | Pending survey completion/<br>December 2018    |
| H-650 Pipeline   | Alamance, NC         | 72.86           | 73.00      | Surveyed                                       |
| H-650 Pipeline   | Alamance, NC         | 73.00           | 73.03      | Pending survey completion/<br>December 2018    |

| <b>Table 4.5-5</b>   |                      |                 |            |  |
|--|----------------------|-----------------|------------|--|
| <b>Cultural Resources Survey Status of Pipeline Route (current as of September 20, 2018)</b> |                      |                 |            |  |
| <b>Facility</b>  | <b>County, State</b> | <b>Milepost</b> |            | <b>Survey Status/Scheduled Completion Date</b> |
|  |                      | <b>Start</b>    | <b>End</b> |  |
| H-650 Pipeline   | Alamance, NC         | 73.03           | 73.06      | Surveyed                                       |
| H-650 Pipeline   | Alamance, NC         | 73.06           | 73.11      | Pending survey completion/<br>December 2018    |

Note: Mainline valves and pig launcher/receiver locations are included within the survey corridor for the H-650 pipeline.

**Table 4.5-6**

**Cultural Resources Survey Status of Aboveground Facilities (current as of September 20, 2018)**

| <b>Facility</b>                                   | <b>Approximate Milepost</b> | <b>County, State</b> | <b>Area (acres) Required for Construction</b> | <b>Survey Status/Scheduled Completion Date</b> |
|---|-----------------------------|----------------------|---|--|
| Lambert Compressor Station / Interconnect / MLV 1 | 0.0                         | Pittsylvania, VA     | 18.6  | Pending survey completion/<br>December 2018    |
| LN 3600 Interconnect                              | 28.2                        | Rockingham, NC       | 3.5   | Pending survey completion/<br>December 2018    |
| T-15 Dan River Interconnect / MLV 4               | 30.4                        | Rockingham, NC       | 5.2   | Surveyed                                       |
| T-21 Haw River Interconnect / MLV 8               | 73.1                        | Alamance, NC         | 3.6   | Pending survey completion/<br>December 2018    |

**Table 4.5-7**

**Archaeological Resources Identified in Virginia (current as of September 20, 2018)**

| Facility/County/Resource Number   | Resource Type  | Distance (in feet) | Southgate Project NRHP Assessment        | Southgate Project Recommendations                                  | SHPO Comments (if available)                      |
|-----------------------------------|--|--------------------|--|--|---|
| <b>H-650 PIPELINE<sup>1</sup></b> |  |                    |  |  |   |
| Pittsylvania/VA                   |  |                    |  |  |   |
| 44PY0261                          | Postcontact artifact scatter   | 0                  | Not Eligible                             | No further investigations  | None to date (previously determined Not Eligible) |
| 44PY0270                          | Precontact artifact scatter (Woodland)   | 0                  | Unassessed (potential for deep deposits) | Additional testing   | None to date (previously determined Not Eligible) |
| 44PY0271                          | Precontact isolated find (nondiagnostic lithic)                                      | 0                  | Unassessed (potential for deep deposits) | Additional testing   | None to date (previously determined Not Eligible) |
| 44PY0281                          | Precontact lithic scatter (nondiagnostic)  | 45                 | Unassessed                               | Avoidance  | None to date                                      |
| 44PY0358                          | Precontact lithic scatter (nondiagnostic);<br>Postcontact isolated find              | 70                 | Unassessed                               | No further investigations (no substantial deposits to be affected) | None to date (previously determined Not Eligible) |
| 44PY0375                          | Precontact lithic scatter (nondiagnostic);<br>Postcontact ruins and artifact scatter | 0                  | Unassessed                               | Additional testing   | None to date                                      |
| 44PY0445                          | Postcontact structure ruin and artifact scatter                                      | 0                  | Unassessed                               | Additional testing   | None to date                                      |
| 44PY0446                          | Precontact lithic scatter (Woodland)   | 0                  | Not Eligible                             | No further investigations  | None to date                                      |
| 44PY0447                          | Precontact artifact scatter (Late Archaic/Woodland)                                  | 0                  | Unassessed                               | Avoidance  | None to date                                      |
| 44PY0448                          | Precontact lithic scatter (nondiagnostic)  | 0                  | Not Eligible                             | No further investigations  | None to date                                      |

**Table 4.5-7**

**Archaeological Resources Identified in Virginia (current as of September 20, 2018)**

| Facility/County/Resource Number | Resource Type  | Distance (in feet) | Southgate Project NRHP Assessment        | Southgate Project Recommendations                                  | SHPO Comments (if available) |
|---------------------------------|--|--------------------|--|--|------------------------------|
| 44PY0449                        | Precontact artifact scatter (Woodland)   | 0                  | Unassessed (potential for deep deposits) | Additional testing   | None to date                 |
| 44PY0450                        | Precontact lithic scatter (nondiagnostic)  | 0                  | Not Eligible                             | No further investigations  | None to date                 |
| 44PY0451                        | Precontact lithic scatter (Woodland); Postcontact structure ruins and artifact scatter | 0                  | Unassessed                               | Additional testing   | None to date                 |
| 44PY0452                        | Precontact artifact scatter (Archaic/Woodland)   | 0                  | Unassessed                               | No further investigations (no substantial deposits to be affected) | None to date                 |
| 44PY0453                        | Precontact lithic scatter (nondiagnostic); Postcontact isolated find                   | 0                  | Not Eligible                             | No further investigations  | None to date                 |
| 44PY0454                        | Postcontact ruins  | 50                 | Unassessed                               | Avoidance  | None to date                 |
| 44PY0455                        | Postcontact ruins  | 0                  | Unassessed                               | Additional testing   | None to date                 |
| 44PY0458                        | Precontact lithic scatter (nondiagnostic)  | 0                  | Not Eligible                             | No further investigations  | None to date                 |
| VA FS 01 <sup>2</sup>           | Precontact isolated find (nondiagnostic lithic)  | 0                  | Not Eligible                             | No further investigations  | None to date                 |
| VA FS 05 <sup>2</sup>           | Precontact isolated find (nondiagnostic lithic)  | 0                  | Not Eligible                             | No further investigations  | None to date                 |
| VA FS 15 <sup>2</sup>           | Precontact isolated find (nondiagnostic lithic)  | 0                  | Not Eligible                             | No further investigations  | None to date                 |
| VA FS 19 <sup>2</sup>           | Precontact isolated find (nondiagnostic lithic)  | 0                  | Not Eligible                             | No further investigations  | None to date                 |
| VA FS 21 <sup>2</sup>           | Precontact isolated find (unidentified lithic)   | 0                  | Not Eligible                             | No further investigations  | None to date                 |
| VA FS 27 <sup>2</sup>           | Precontact isolated find (Archaic)   | 0                  | Not Eligible                             | No further investigations  | None to date                 |
| VA FS 28 <sup>2</sup>           | Precontact isolated find (nondiagnostic lithic)  | 0                  | Not Eligible                             | No further investigations  | None to date                 |
| VA FS 30 <sup>2</sup>           | Precontact isolated find or lithic scatter (Woodland)                                  | 100                | Unassessed                               | Complete survey (shovel testing)                                   | None to date                 |

**Table 4.5-7**

**Archaeological Resources Identified in Virginia (current as of September 20, 2018)**

| Facility/County/Resource Number   | Resource Type  | Distance (in feet) | Southgate Project NRHP Assessment | Southgate Project Recommendations | SHPO Comments (if available)                      |
|---|--|--------------------|-----------------------------------|-----------------------------------|---|
| VA FS 31 <sup>2</sup>   | Precontact isolated find (Woodland)                                | 0                  | Not Eligible                      | No further investigations         | None to date                                      |
| VA FS 35 <sup>2</sup>   | Precontact isolated find (nondiagnostic)                           | 0                  | Not Eligible                      | No further investigations         | None to date                                      |
| VA FS 37 <sup>2</sup>   | Postcontact isolated find  | 5                  | Not Eligible                      | No further investigations         | None to date                                      |
| VA FS 40 <sup>2</sup>   | Precontact isolated find (nondiagnostic lithic)                    | 0                  | Not Eligible                      | No further investigations         | None to date                                      |
| VA FS 49 <sup>2</sup>   | Precontact isolated find (nondiagnostic)                           | 0                  | Not Eligible                      | No further investigations         | None to date                                      |
| VA FS 51 <sup>2</sup>   | Precontact isolated find (Woodland)                                | 0                  | Not Eligible                      | No further investigations         | None to date                                      |
| <b>H-605 PIPELINE<sup>1</sup></b><br>Pittsylvania/VA  |  |                    |                                   |                                   |   |
| VA FS 11 <sup>2</sup>   | Precontact isolated find (nondiagnostic lithic)                    | 0                  | Not Eligible                      | No further investigations         | None to date                                      |
| <b>LAMBERT COMPRESSOR STATION / INTERCONNECT / MLV 1 (INCLUDING WORKSPACE)<sup>1</sup></b><br>Pittsylvania/VA |  |                    |                                   |                                   |   |
| 44PY0456  | Precontact lithic scatter (Woodland); Postcontact artifact scatter | 0                  | Not Eligible                      | No further investigations         | None to date                                      |
| 44PY0459  | Precontact lithic scatter (Archaic)                                | 0                  | Not Eligible                      | No further investigations         | None to date                                      |
| 44PY0460  | Precontact lithic scatter (Archaic)                                | 0                  | Not Eligible                      | No further investigations         | None to date                                      |
| <b>CONTRACTOR YARDS<sup>1</sup></b><br>Pittsylvania/VA  |  |                    |                                   |                                   |   |
| 44PY0442  | Postcontact ruins  | 0                  | Not Eligible                      | No further investigations         | None to date (previously determined Not Eligible) |
| <b>ACCESS ROADS<sup>1</sup></b><br>Pittsylvania/VA  |  |                    |                                   |                                   |   |

**Table 4.5-7**

**Archaeological Resources Identified in Virginia (current as of September 20, 2018)**

| Facility/County/Resource Number | Resource Type                                   | Distance (in feet) | Southgate Project NRHP Assessment | Southgate Project Recommendations                                  | SHPO Comments (if available) |
|---------------------------------|---|--------------------|-----------------------------------|--|------------------------------|
| VA FS 09 <sup>2</sup>           | Precontact isolated find (Early Woodland)       | 0                  | Unassessed                        | No further investigations (no substantial deposits to be affected) | None to date                 |
| VA FS 23 <sup>2</sup>           | Precontact isolated find (unidentified lithic)  | 0                  | Unassessed                        | No further investigations (no substantial deposits to be affected) | None to date                 |
| VA FS 24 <sup>2</sup>           | Precontact isolated find (nondiagnostic lithic) | 0                  | Unassessed                        | No further investigations (no substantial deposits to be affected) | None to date                 |
| 44PY0457                        | Precontact lithic scatter (nondiagnostic)       | 0                  | Not Eligible                      | No further investigations  | None to date                 |
| VA FS 45 <sup>2</sup>           | Precontact isolated find (unidentified lithic)  | 0                  | Unassessed                        | No further investigations (no substantial deposits to be affected) | None to date                 |

1. Each resource is only listed once. Any resources located on both the pipeline route and at other pipeline locations are listed under the pipeline route.  
 2. Isolated Find; no VDHR Site Number



**Table 4.5-8**

**Archaeological Resources Identified in North Carolina (current as of September 20, 2018)**

| Facility/County/Resource Number   | Resource Type  | Distance (feet) | Southgate Project NRHP Assessment | Southgate Project Recommendations | SHPO Comments (if available) |
|-----------------------------------|--|-----------------|-----------------------------------|-----------------------------------|------------------------------|
| <b>H-650 PIPELINE<sup>1</sup></b> |  |                 |                                   |                                   |                              |
| Rockingham/NC                     |  |                 |                                   |                                   |                              |
| 31RK044                           | Precontact artifact scatter (Woodland); Postcontact artifact scatter | 0               | Unassessed                        | Avoidance                         | None to date                 |
| 31RK217                           | Precontact artifact scatter (Woodland)                               | 0               | Unassessed                        | Additional testing                | None to date                 |
| 31RK218                           | Precontact isolated find (nondiagnostic)                             | 0               | Not Eligible                      | No further investigations         | None to date                 |
| 31RK220                           | Postcontact ruins and artifact scatter                               | 0               | Not Eligible                      | No further investigations         | None to date                 |
| 31RK221                           | Postcontact ruins and artifact scatter                               | 0               | Unassessed                        | Additional testing                | None to date                 |
| 31RK222                           | Precontact artifact scatter (Woodland)                               | 0               | Unassessed                        | Additional testing                | None to date                 |
| 31RK224                           | Precontact isolated find (nondiagnostic lithic)                      | 0               | Not Eligible                      | No further investigations         | None to date                 |
| 31RK225                           | Precontact artifact scatter (Woodland)                               | 0               | Not Eligible                      | No further investigations         | None to date                 |
| 31RK226                           | Precontact lithic scatter (nondiagnostic)                            | 60              | Not Eligible                      | No further investigations         | None to date                 |
| 31RK227                           | Precontact isolated find (nondiagnostic lithic)                      | 0               | Not Eligible                      | No further investigations         | None to date                 |
| 31RK228                           | Postcontact cemetery   | 50              | Not Eligible                      | Avoidance                         | None to date                 |
| 31RK229                           | Postcontact ruins and artifact scatter                               | 0               | Unassessed                        | Additional testing                | None to date                 |
| 31RK230                           | Postcontact ruins and artifact scatter                               | 0               | Unassessed                        | Avoidance                         | None to date                 |
| 31RK231                           | Precontact isolated find (nondiagnostic lithic)                      | 0               | Not Eligible                      | No further investigations         | None to date                 |
| 31RK232                           | Postcontact isolated find  | 0               | Not Eligible                      | No further investigations         | None to date                 |

| <b>Table 4.5-8</b>  |   |                        |  |  |                                     |
|---|---|------------------------|--|--|-------------------------------------|
| <b>Archaeological Resources Identified in North Carolina (current as of September 20, 2018)</b> |   |                        |  |  |                                     |
| <b>Facility/County/Resource Number</b>  | <b>Resource Type</b>  | <b>Distance (feet)</b> | <b>Southgate Project NRHP Assessment</b> | <b>Southgate Project Recommendations</b> | <b>SHPO Comments (if available)</b> |
| 31RK233   | Precontact isolated find (nondiagnostic lithic)                             | 0                      | Not Eligible                             | No further investigations                | None to date                        |
| 31RK234/<br>Settle Cemetery   | Postcontact cemetery  | 350                    | Not Eligible                             | Avoidance                                | None to date                        |
| 31RK235   | Precontact lithic scatter (Archaic, Woodland); Postcontact artifact scatter | 0                      | Unassessed                               | Additional testing                       | None to date                        |
| 31RK236   | Postcontact cemetery  | 120                    | Not Eligible                             | Avoidance                                | None to date                        |
| 31RK237   | Postcontact cemetery  | 95                     | Not Eligible                             | Avoidance                                | None to date                        |
| 31RK238   | Precontact isolated find (nondiagnostic)                                    | 115                    | Unassessed (potential for deep deposits) | Additional testing                       | None to date                        |
| 31RK239   | Precontact lithic scatter (nondiagnostic)                                   | 10                     | Unassessed                               | Avoidance                                | None to date                        |
| 31RK240   | Precontact isolated find (nondiagnostic)                                    | 0                      | Unassessed (potential for deep deposits) | Avoidance                                | None to date                        |
| 31RK241   | Postcontact isolated find   | 75                     | Not Eligible                             | No further investigations                | None to date                        |
| 31RK242   | Precontact lithic scatter (nondiagnostic)                                   | 0                      | Not Eligible                             | No further investigations                | None to date                        |
| 31RK243   | Precontact lithic scatter (Late Archaic)                                    | 0                      | Not Eligible                             | No further investigations                | None to date                        |
| 31RK244   | Postcontact ruins and artifact scatter                                      | 25                     | Not Eligible                             | No further investigations                | None to date                        |
| 31RK245   | Postcontact ruins and artifact scatter                                      | 0                      | Not Eligible                             | No further investigations                | None to date                        |
| 31RK246   | Precontact isolated find (nondiagnostic lithic)                             | 0                      | Not Eligible                             | No further investigations                | None to date                        |
| 31RK247   | Precontact lithic scatter (unidentified); Postcontact artifact scatter      | 0                      | Unassessed                               | Additional testing                       | None to date                        |
| 31RK248   | Precontact isolated find (nondiagnostic lithic)                             | 0                      | Not Eligible                             | No further investigations                | None to date                        |

| <b>Table 4.5-8</b>  |   |                        |  |  |                                     |
|---|---|------------------------|--|--|-------------------------------------|
| <b>Archaeological Resources Identified in North Carolina (current as of September 20, 2018)</b> |   |                        |  |  |                                     |
| <b>Facility/County/Resource Number</b>  | <b>Resource Type</b>  | <b>Distance (feet)</b> | <b>Southgate Project NRHP Assessment</b> | <b>Southgate Project Recommendations</b> | <b>SHPO Comments (if available)</b> |
| 31RK249   | Precontact lithic scatter (nondiagnostic)                       | 0                      | Not Eligible                             | No further investigations                | None to date                        |
| 31RK255   | Precontact isolated find (nondiagnostic lithic)                 | 0                      | Not Eligible                             | No further investigations                | None to date                        |
| 31RK256   | Precontact isolated find (nondiagnostic lithic)                 | 0                      | Not Eligible                             | No further investigations                | None to date                        |
| 31RK253   | Precontact isolated find (nondiagnostic lithic)                 | 0                      | Not Eligible                             | No further investigations                | None to date                        |
| 31RK254   | Precontact isolated find (nondiagnostic lithic)                 | 0                      | Not Eligible                             | No further investigations                | None to date                        |
| 31RK257   | Precontact isolated find (nondiagnostic lithic)                 | 0                      | Not Eligible                             | No further investigations                | None to date                        |
| Alamance/NC   |   |                        |  |  |                                     |
| 31AM414   | Precontact lithic scatter (Archaic); Postcontact isolated find) | 0                      | Unassessed                               | Additional testing                       | None to date                        |
| 31AM415   | Precontact isolated find (nondiagnostic lithic)                 | 0                      | Not Eligible                             | No further investigations                | None to date                        |
| 31AM416   | Precontact lithic scatter (nondiagnostic)                       | 0                      | Not Eligible                             | No further investigations                | None to date                        |
| 31AM417   | Precontact isolated find (nondiagnostic lithic)                 | 0                      | Not Eligible                             | No further investigations                | None to date                        |
| 31AM418   | Precontact isolated find (Middle Archaic)                       | 0                      | Not Eligible                             | No further investigations                | None to date                        |
| 31AM419   | Precontact isolated find (nondiagnostic lithic)                 | 0                      | Not Eligible                             | No further investigations                | None to date                        |
| 31AM420   | Precontact isolated find (nondiagnostic lithic)                 | 0                      | Not Eligible                             | No further investigations                | None to date                        |
| 31AM421   | Precontact isolated find (nondiagnostic lithic)                 | 0                      | Not Eligible                             | No further investigations                | None to date                        |
| 31AM422   | Precontact isolated find (nondiagnostic lithic)                 | 0                      | Not Eligible                             | No further investigations                | None to date                        |
| 31AM423   | Precontact isolated find (nondiagnostic lithic)                 | 200                    | Not Eligible                             | No further investigations                | None to date                        |

| <b>Table 4.5-8</b>  |   |                        |  |  |                                     |
|---|---|------------------------|--|--|-------------------------------------|
| <b>Archaeological Resources Identified in North Carolina (current as of September 20, 2018)</b> |   |                        |  |  |                                     |
| <b>Facility/County/Resource Number</b>  | <b>Resource Type</b>  | <b>Distance (feet)</b> | <b>Southgate Project NRHP Assessment</b> | <b>Southgate Project Recommendations</b> | <b>SHPO Comments (if available)</b> |
| 31AM424   | Precontact lithic scatter (nondiagnostic)                               | 0                      | Not Eligible                             | No further investigations                | None to date                        |
| 31AM425   | Precontact lithic scatter (Archaic)                                     | 35                     | Not Eligible                             | No further investigations                | None to date                        |
| 31AM426   | Precontact lithic scatter (nondiagnostic); Postcontact artifact scatter | 0                      | Not Eligible                             | No further investigations                | None to date                        |
| 31AM427   | Postcontact springhouse   | 0                      | Not Eligible                             | No further investigations                | None to date                        |
| 31AM428   | Precontact artifact scatter (Woodland); Postcontact isolated find       | 0                      | Not Eligible                             | No further investigations                | None to date                        |
| 31AM432   | Precontact lithic scatter (Woodland)                                    | 0                      | Not Eligible                             | No further investigations                | None to date                        |
| 31AM433   | Precontact isolated find (Woodland)                                     | 0                      | Not Eligible                             | No further investigations                | None to date                        |
| 31AM434   | Precontact isolated find (Archaic)                                      | 1300                   | Not Eligible                             | No further investigations                | None to date                        |
| 31AM436   | Precontact isolated find (nondiagnostic); Postcontact isolated find     | 0                      | Not Eligible                             | No further investigations                | None to date                        |
| 31RK437   | Precontact lithic scatter (nondiagnostic)                               | 0                      | Not Eligible                             | No further investigations                | None to date                        |
| <b>LN 3600 INTERCONNECT<sup>1</sup></b>   |   |                        |  |  |                                     |
| Rockingham/NC   |   |                        |  |  |                                     |
| None  | None  | None                   | None                                     | None                                     | None                                |
| <b>T-15 DAN RIVER INTERCONNECT / MLV 4<sup>1</sup></b>  |   |                        |  |  |                                     |
| Rockingham/NC   |   |                        |  |  |                                     |
| None  | None  | None                   | None                                     | None                                     | None                                |
| <b>T-21 HAW RIVER INTERCONNECT / MLV 8<sup>1</sup></b>  |   |                        |  |  |                                     |
| Alamance/NC   |   |                        |  |  |                                     |
| None  | None  | None                   | None                                     | None                                     | None                                |

| <b>Table 4.5-8</b>   |  |                 |                                   |                                   |                              |
|--|--|-----------------|-----------------------------------|-----------------------------------|------------------------------|
| <b>Archaeological Resources Identified in North Carolina (current as of September 20, 2018)</b>  |  |                 |                                   |                                   |                              |
| Facility/County/Resource Number  | Resource Type                            | Distance (feet) | Southgate Project NRHP Assessment | Southgate Project Recommendations | SHPO Comments (if available) |
| <b>CONTRACTOR YARDS<sup>1</sup></b>  |  |                 |                                   |                                   |                              |
| Rockingham/NC  |  |                 |                                   |                                   |                              |
| None   | None                                     | None            | None                              | None                              | None                         |
| Alamance/NC  |  |                 |                                   |                                   |                              |
| None   | None                                     | None            | None                              | None                              | None                         |
| <b>ACCESS ROADS<sup>1</sup></b>  |  |                 |                                   |                                   |                              |
| Rockingham/NC  |  |                 |                                   |                                   |                              |
| 31RK216  | Postcontact cemetery                     | 17              | Not Eligible                      | Avoidance                         | None to date                 |
| 31RK219  | Precontact isolated find (nondiagnostic) | 0               | Not Eligible                      | No further investigations         | None to date                 |
| 31RK223  | Precontact isolated find (Woodland)      | 0               | Not Eligible                      | No further investigations         | None to date                 |
| Alamance/NC  |  |                 |                                   |                                   |                              |
| 31AM435  | Precontact lithic scatter (Archaic)      | 0               | Not Eligible                      | No further investigations         | None to date                 |
| <sup>1.</sup> Each resource is only listed once. Any resources located on both the pipeline route and at other pipeline locations are listed under the pipeline route.<br><sup>2.</sup> Based on site characteristics within direct effects APE. |  |                 |                                   |                                   |                              |

**Table 4.5-9**

**Aboveground Resources Identified in Virginia (current as of September 20, 2018)**

| Facility/County/Resource Number   | Resource Type          | Distance (feet) <sup>2</sup> | Southgate Project NRHP Assessment | Southgate Project Recommendations                | SHPO Comments (if available)                  |
|---|------------------------|------------------------------|-----------------------------------|--|---|
| <b>H-650 PIPELINE<sup>1</sup></b>   |                        |                              |                                   |  |   |
| Pittsylvania/VA   |                        |                              |                                   |  |   |
| 071-0036/<br>Little Cherrystone Manor/<br>Wooding House (including<br>Wooding Cemetery<br>[44PY0275]) | Dwelling and cemetery  | 0                            | Eligible                          | Assess effects and mitigate as necessary         | None to date<br>(NRHP Listed<br>VLR Listed)   |
| 071-5033/<br>Belle Grove Church   | Church and cemetery    | 100                          | Not Eligible                      | No further investigations; Avoidance of cemetery | None to date<br>(Previously Not<br>Eligible)  |
| 071-5208  | House                  | 80                           | Not Eligible                      | No further investigations                        | Previously Not<br>Eligible                    |
| 071-5209  | House                  | 0                            | Not Eligible                      | No further investigations                        | Previously Not<br>Eligible                    |
| 071-5210  | House                  | 0                            | Not Eligible                      | No further investigations                        | Previously Not<br>Eligible                    |
| 071-5211  | Abandoned farm         | 0                            | Not Eligible                      | No further investigations                        | Previously Not<br>Eligible                    |
| 071-5212  | Farmstead and cemetery | 0                            | Not Eligible                      | No further investigations; Avoidance of cemetery | None to date<br>(Previously<br>Eligible)      |
| 071-5218  | House                  | 50                           | Not Eligible                      | No further investigations                        | None to date<br>(Previously Not<br>Evaluated) |
| 071-5224/<br>Fulton Cemetery  | Cemetery               | 250                          | Not Eligible                      | No further investigations; Avoidance             | None to date<br>(Previously Not<br>Evaluated) |
| 071-5225/ 44PY0284<br>Wells Cemetery  | Cemetery               | 50                           | Not Eligible                      | No further investigations; Avoidance             | None to date<br>(Previously Not<br>Evaluated) |
| 071-5226/ 44PY0272  | Cemetery               | 50                           | Not Eligible                      | No further investigations; Avoidance             | Previously Not<br>Eligible                    |
| 071-5227/ 44PY0273<br>Wallor Cemetery   | Cemetery               | 50                           | Not Eligible                      | No further investigations; Avoidance             | Previously Not<br>Eligible                    |
| 071-5566  | Tobacco barn           | 100                          | Not Eligible                      | No further investigations                        | None to date                                  |

**Table 4.5-9**

**Aboveground Resources Identified in Virginia (current as of September 20, 2018)**

| Facility/County/Resource Number | Resource Type       | Distance (feet) <sup>2</sup> | Southgate Project NRHP Assessment | Southgate Project Recommendations                               | SHPO Comments (if available) |
|---------------------------------|---------------------|------------------------------|-----------------------------------|---|------------------------------|
| 071-5567                        | Farmstead           | 0                            | Not Eligible                      | No further investigations                                       | None to date                 |
| 071-5568                        | Dwelling            | 650                          | Not Eligible                      | No further investigations                                       | None to date                 |
| 071-5573                        | Former church       | 1250                         | Not Eligible                      | No further investigations                                       | None to date                 |
| 071-5574                        | Farmstead           | 700                          | Not Eligible                      | No further investigations                                       | None to date                 |
| 071-5575                        | Dwelling            | 250                          | Not Eligible                      | No further investigations                                       | None to date                 |
| 071-5576                        | Dwelling            | 500                          | Not Eligible                      | No further investigations                                       | None to date                 |
| 071-5577                        | Dwelling            | 1000                         | Not Eligible                      | No further investigations                                       | None to date                 |
| 071-5578                        | Farmstead/cemetery  | 500                          | Potentially Eligible              | Determine eligibility; assess effects and mitigate as necessary | None to date                 |
| 071-5579                        | Church              | 750                          | Not Eligible                      | No further investigations                                       | None to date                 |
| 071-5585                        | Dwelling            | 50                           | Not Eligible                      | No further investigations                                       | None to date                 |
| 071-5586                        | Dwelling            | 50                           | Not Eligible                      | No further investigations                                       | None to date                 |
| 071-5587                        | Commercial building | 215                          | Not Eligible                      | No further investigations                                       | None to date                 |
| 071-5588                        | Dwelling            | 175                          | Not Eligible                      | No further investigations                                       | None to date                 |
| 071-5589                        | Dwelling            | 200                          | Not Eligible                      | No further investigations                                       | None to date                 |
| 071-5590                        | Dwelling            | 265                          | Not Eligible                      | No further investigations                                       | None to date                 |
| 071-5594                        | Dwelling            | 0                            | Not Eligible                      | No further investigations                                       | None to date                 |
| 071-5595                        | Farmstead           | 0                            | Not Eligible                      | No further investigations                                       | None to date                 |
| 071-5597                        | Dwelling            | 0                            | Not Eligible                      | No further investigations                                       | None to date                 |
| 071-5598                        | Railroad            | 0                            | Not Eligible                      | No further investigations                                       | None to date                 |
| 071-5599                        | Dwelling            | 0                            | Not Eligible                      | No further investigations                                       | None to date                 |
| 071-5600                        | Tobacco barn        | 200                          | Not Eligible                      | No further investigations                                       | None to date                 |
| 071-5601                        | Tobacco barn        | 0                            | Not Eligible                      | No further investigations                                       | None to date                 |
| 071-5602                        | Dwelling            | 0                            | Not Eligible                      | No further investigations                                       | None to date                 |
| 071-5603                        | Commercial building | 0                            | Not Eligible                      | No further investigations                                       | None to date                 |
| 071-5604                        | Dwelling            | 0                            | Not Eligible                      | No further investigations                                       | None to date                 |
| 071-5605                        | Cemetery            | 370                          | Not Eligible                      | No further investigations; Avoidance                            | None to date                 |

**Table 4.5-9**

**Aboveground Resources Identified in Virginia (current as of September 20, 2018)**

| Facility/County/Resource Number  | Resource Type | Distance (feet) <sup>2</sup> | Southgate Project NRHP Assessment | Southgate Project Recommendations                               | SHPO Comments (if available)            |
|--|---------------|------------------------------|-----------------------------------|---|---|
| 071-5615   | Dwelling      | 150                          | Not Eligible                      | No further investigations                                       | None to date                            |
| 071-5622   | Cemetery      | 85                           | Not Eligible                      | Avoidance   | None to date                            |
| 071-5623   | Cemetery      | 50                           | Not Eligible                      | Avoidance   | None to date                            |
| <b>H-605 PIPELINE</b>  |               |                              |                                   |   |   |
| Pittsylvania/VA  |               |                              |                                   |   |   |
| None   | None          | None                         | None                              | None  | None                                    |
| <b>LAMBERT COMPRESSOR STATION / INTERCONNECT (INCLUDING WORKSPACE)<sup>1</sup></b> |               |                              |                                   |   |   |
| Pittsylvania/VA  |               |                              |                                   |   |   |
| None   | None          | None                         | None                              | None  | None                                    |
| <b>CONTRACTOR YARDS</b>  |               |                              |                                   |   |   |
| Pittsylvania/VA  |               |                              |                                   |   |   |
| 071-5525   | Cemetery      | 50                           | Not Eligible                      | No further investigations; Avoidance                            | None to date (Previously Not Evaluated) |
| 071-5526/<br>Gafford House Ruins   | House ruins   | 0                            | Not Eligible                      | No further investigations                                       | None to date (Previously Not Evaluated) |
| <b>ACCESS ROADS</b>  |               |                              |                                   |   |   |
| Pittsylvania/VA  |               |                              |                                   |   |   |
| 071-5217   | Farmstead     | 25                           | Undetermined                      | Determine eligibility; Assess effects and mitigate as necessary | None to date (Previously Not Evaluated) |
| 071-5221   | Farmstead     | 0                            | Not Eligible                      | No further investigations                                       | None to date (Previously Not Eligible)  |
| 071-5222/<br>Giles Log House   | Log house     | 0                            | Potentially Eligible              | Determine eligibility; Assess effects and mitigate as necessary | None to date (Previously Eligible)      |
| 071-5569   | Outbuildings  | 70                           | Not Eligible                      | No further investigations                                       | None to date                            |
| 071-5570   | Dwelling      | 0                            | Not Eligible                      | No further investigations                                       | None to date                            |
| 071-5571   | Farmstead     | 0                            | Eligible                          | Assess effects and mitigate as necessary                        | None to date                            |



**Table 4.5-9**

**Aboveground Resources Identified in Virginia (current as of September 20, 2018)**

| Facility/County/Resource Number | Resource Type             | Distance (feet) <sup>2</sup> | Southgate Project NRHP Assessment | Southgate Project Recommendations                               | SHPO Comments (if available) |
|---------------------------------|---------------------------|------------------------------|-----------------------------------|---|------------------------------|
| 071-5572                        | Farmstead                 | 0                            | Potentially Eligible              | Determine eligibility; Assess effects and mitigate as necessary | None to date                 |
| 071-5580                        | Dwelling                  | 300                          | Potentially Eligible              | Determine eligibility; Assess effects and mitigate as necessary | None to date                 |
| 071-5581                        | Dwelling                  | 0                            | Not Eligible                      | No further investigations                                       | None to date                 |
| 071-5582                        | Farmstead                 | 0                            | Not Eligible                      | No further investigations                                       | None to date                 |
| 071-5583                        | Farmstead                 | 0                            | Not Eligible                      | No further investigations                                       | None to date                 |
| 071-5584                        | Farmstead                 | 0                            | Not Eligible                      | No further investigations                                       | None to date                 |
| 071-5591                        | Farmstead                 | 100                          | Not Eligible                      | No further investigations                                       | None to date                 |
| 071-5592                        | Tobacco barn              | 0                            | Not Eligible                      | No further investigations                                       | None to date                 |
| 071-5593                        | Cemetery and tobacco barn | 50                           | Not Eligible                      | No further investigations; Avoidance of cemetery                | None to date                 |
| 071-5596                        | Cemetery                  | 10                           | Not Eligible                      | No further investigations; Avoidance of cemetery                | None to date                 |
| 071-5606                        | Farmstead                 | 0                            | Not Eligible                      | No further investigations                                       | None to date                 |
| 071-5607                        | Farmstead                 | 0                            | Not Eligible                      | No further investigations                                       | None to date                 |
| 071-5608                        | Dwelling                  | 100                          | Not Eligible                      | No further investigations                                       | None to date                 |
| 071-5609                        | Farmstead                 | 0                            | Not Eligible                      | No further investigations                                       | None to date                 |
| 071-5610                        | Dwelling                  | 130                          | Not Eligible                      | No further investigations                                       | None to date                 |
| 071-5611                        | Dwelling                  | 300                          | Not Eligible                      | No further investigations                                       | None to date                 |
| 071-5612                        | Farmstead                 | 25                           | Not Eligible                      | No further investigations                                       | None to date                 |
| 071-5613                        | Dwelling                  | 1100                         | Not Eligible                      | No further investigations                                       | None to date                 |
| 071-5614                        | Farmstead                 | 25                           | Not Eligible                      | No further investigations                                       | None to date                 |
| 071-5617                        | Farmstead                 | 60                           | Not Eligible                      | No further investigations                                       | None to date                 |
| 071-5618                        | Farmstead                 | 0                            | Not Eligible                      | No further investigations                                       | None to date                 |
| 071-5619                        | Tobacco barn              | 35                           | Not Eligible                      | No further investigations                                       | None to date                 |
| 071-5620                        | Cemetery                  | 115                          | Not Eligible                      | Avoidance   | None to data                 |
| 071-5621                        | Cemetery                  | 65                           | Not Eligible                      | Avoidance   | None to data                 |

**Table 4.5-9**

**Aboveground Resources Identified in Virginia (current as of September 20, 2018)**

| Facility/County/Resource Number   | Resource Type | Distance (feet) <sup>2</sup> | Southgate Project NRHP Assessment | Southgate Project Recommendations | SHPO Comments (if available) |
|---|---------------|------------------------------|-----------------------------------|-----------------------------------|------------------------------|
| <ol style="list-style-type: none"> <li>1. Each resource is only listed once. Any resources located on both the pipeline route and at another pipeline location is listed under the closest facility.</li> <li>2. Distances are to property boundaries and not to individual buildings.</li> </ol> |               |                              |                                   |                                   |                              |

**Table 4.5-10**

**Aboveground Resources Identified in North Carolina (current as of September 20, 2018)**

| Facility/County/Resource Number   | Resource Type               | Distance (feet) <sup>2</sup> | Southgate Project NRHP Assessment | Southgate Project Recommendations        | SHPO Comments (if available) |
|-----------------------------------|-----------------------------|------------------------------|-----------------------------------|--|------------------------------|
| <b>H-650 PIPELINE<sup>1</sup></b> |                             |                              |                                   |  |                              |
| Rockingham/NC                     |                             |                              |                                   |  |                              |
| RK0001                            | Willow Oaks Plantation, LLC | 1700                         | NRHP Listed/Potentially Eligible  | Assess effects and mitigate as necessary | NRHP listed                  |
| RK1530                            | Dixon House                 | 887                          | Not Eligible                      | No further investigations                | None to date                 |
| RK1531/ 31RK234                   | Settle Family Cemetery      | 350                          | Potentially Eligible              | Avoidance                                | NC Study List                |
| RK1534                            | Tucker-Cross Farm           | 900                          | Not Eligible                      | No further investigations                | NC Study List                |
| RK1656                            | Dwelling                    | 350                          | Potentially Eligible              | Assess effects and mitigate as necessary | None to date                 |
| RK1661                            | Dwelling                    | 200                          | Not Eligible                      | No further investigations                | None to date                 |
| RK1662                            | Dwelling                    | 370                          | Not Eligible                      | No further investigations                | None to date                 |
| RK1663                            | Farmstead                   | 685                          | Not Eligible                      | No further investigations                | None to date                 |
| RK1664                            | Commercial                  | 35                           | Not Eligible                      | No further investigations                | None to date                 |
| RK1665                            | Dwelling                    | 427                          | Not Eligible                      | No further investigations                | None to date                 |
| RK1667                            | Dwelling                    | 732                          | Not Eligible                      | No further investigations                | None to date                 |
| RK1668                            | Dwelling                    | 178                          | Not Eligible                      | No further investigations                | None to date                 |
| RK1669                            | Dwelling                    | 419                          | Not Eligible                      | No further investigations                | None to date                 |
| RK1670                            | Dwelling                    | 635                          | Potentially Eligible              | Assess effects and mitigate as necessary | None to date                 |
| RK1671                            | Dwelling                    | 303                          | Not Eligible                      | No further investigations                | None to date                 |
| RK1675                            | Dwelling                    | 560                          | Not Eligible                      | No further investigations                | None to date                 |
| RK1676                            | Tobacco Barn                | N/A                          | Not Eligible (Demolished)         | No further investigations                | None to date                 |
| RK1679                            | Tobacco Barn                | 511                          | Not Eligible                      | No further investigations                | None to date                 |
| RK1681                            | Farmstead (Ruins)           | 70                           | Not Eligible                      | No further investigations                | None to date                 |
| RK1682                            | Farmstead                   | 130                          | Not Eligible                      | No further investigations                | None to date                 |
| RK1683                            | Dwelling                    | 545                          | Not Eligible                      | No further investigations                | None to date                 |
| RK1684                            | Dwelling                    | 290                          | Not Eligible                      | No further investigations                | None to date                 |

**Table 4.5-10**

**Aboveground Resources Identified in North Carolina (current as of September 20, 2018)**

| Facility/County/Resource Number | Resource Type | Distance (feet) <sup>2</sup> | Southgate Project NRHP Assessment | Southgate Project Recommendations | SHPO Comments (if available) |
|---------------------------------|---------------|------------------------------|-----------------------------------|-----------------------------------|------------------------------|
| RK1685                          | Dwelling      | 180                          | Not Eligible                      | No further investigations         | None to date                 |
| RK1686                          | Farmstead     | 480                          | Not Eligible                      | No further investigations         | None to date                 |
| RK1687                          | Dwelling      | 235                          | Not Eligible                      | No further investigations         | None to date                 |
| RK1689                          | Tobacco Barn  | N/A                          | Not Eligible (Demolished)         | No further investigations         | None to date                 |
| RK1698                          | Dwelling      | 250                          | Not Eligible                      | No further investigations         | None to date                 |
| RK1699                          | Dwelling      | 175                          | Not Eligible                      | No further investigations         | None to date                 |
| RK1700                          | Dwelling      | 920                          | Not Eligible                      | No further investigations         | None to date                 |
| RK1702                          | Commercial    | 185                          | Not Eligible                      | No further investigations         | None to date                 |
| RK1708                          | Dwelling      | 150                          | Not Eligible                      | No further investigations         | None to date                 |
| RK1710                          | Dwelling      | 360                          | Not Eligible                      | No further investigations         | None to date                 |
| RK1711                          | Dwelling      | 190                          | Not Eligible                      | No further investigations         | None to date                 |
| RK1712                          | Church        | 315                          | Not Eligible                      | No further investigations         | None to date                 |
| RK1713                          | Dwelling      | 495                          | Not Eligible                      | No further investigations         | None to date                 |
| RK1714                          | Dwelling      | 680                          | Not Eligible                      | No further investigations         | None to date                 |
| RK1728                          | Dwelling      | 415                          | Not Eligible                      | No further investigations         | None to date                 |
| RK1729                          | Dwelling      | 950                          | Not Eligible                      | No further investigations         | None to date                 |
| RK1730                          | Dwelling      | 660                          | Not Eligible                      | No further investigations         | None to date                 |
| RK1731                          | Dwelling      | 800                          | Not Eligible                      | No further investigations         | None to date                 |
| RK1732                          | Dwelling      | 1000                         | Not Eligible                      | No further investigations         | None to date                 |
| RK1733                          | Dwelling      | 280                          | Not Eligible                      | No further investigations         | None to date                 |
| RK1735                          | Dwelling      | 530                          | Not Eligible                      | No further investigations         | None to date                 |
| RK1736                          | Dwelling      | 420                          | Not Eligible                      | No further investigations         | None to date                 |
| RK1737                          | Dwelling      | 300                          | Not Eligible                      | No further investigations         | None to date                 |
| RK1747                          | Dwelling      | 350                          | Not Eligible                      | No further investigations         | None to date                 |
| RK1752                          | Dwelling      | 800                          | Not Eligible                      | No further investigations         | None to date                 |
| RK1757                          | Farmstead     | 700                          | Not Eligible                      | No further investigations         | None to date                 |

**Table 4.5-10**

**Aboveground Resources Identified in North Carolina (current as of September 20, 2018)**

| Facility/County/Resource Number | Resource Type                              | Distance (feet) <sup>2</sup> | Southgate Project NRHP Assessment | Southgate Project Recommendations        | SHPO Comments (if available) |
|---------------------------------|--|------------------------------|-----------------------------------|--|------------------------------|
| RK1758                          | Farmstead                                  | 190                          | Not Eligible                      | No further investigations                | None to date                 |
| RK1764                          | Pack House and Tobacco Barn                | 550                          | Not Eligible                      | No further investigations                | None to date                 |
| RK1765                          | Dwelling                                   | 1500                         | Not Eligible                      | No further investigations                | None to date                 |
| RK1766                          | Dwelling                                   | 1300                         | Not Eligible                      | No further investigations                | None to date                 |
| RK1767                          | Dwelling                                   | 2260                         | Not Eligible                      | No further investigations                | None to date                 |
| Alamance/NC                     |  |                              |                                   |  |                              |
| AM0122                          | Chesley Dickey House                       | N/A                          | Not Eligible (Demolished)         | No further investigations                | None to date                 |
| AM0157                          | Gilliam Academy                            | 1600                         | Not Eligible                      | No further investigations                | None to date                 |
| AM0160                          | J.H. Gilliam House                         | 2000                         | Potentially Eligible              | Assess effects and mitigate as necessary | None to date                 |
| AM0203/<br>AM1516               | T.M. Holt Mfg. Company/Holt-Tabardrey Mill | 200                          | Potentially Eligible              | Assess effects and mitigate as necessary | None to date                 |
| AM0225                          | Holt Mill House/Johnston House             | 230                          | Not Eligible                      | No further investigations                | None to date                 |
| AM0266                          | McClure House                              | 300                          | Potentially Eligible              | Assess effects and mitigate as necessary | None to date                 |
| AM0350                          | Robertson House                            | 250                          | Potentially Eligible              | Assess effects and mitigate as necessary | None to date                 |
| AM0447                          | Captain Sam Vest House                     | 65                           | Potentially Eligible              | Assess effects and mitigate as necessary | NRHP listed                  |
| AM0867                          | Granite Mill                               | 400                          | NRHP Listed                       | Assess effects and mitigate as necessary | NRHP listed                  |
| AM1520                          | J.M. Jordan House                          | 50                           | Unassessed                        | Assess effects and mitigate as necessary | None to date                 |
| AM1522                          | G.L. Lewis Farm                            | 1100                         | Not Eligible                      | No further investigations                | None to date                 |
| AM1523                          | Shiloh Church & Cemetery                   | 2200                         | Not Eligible                      | No further investigations                | None to date                 |
| AM1527                          | Primitive Baptist Library                  | 1700                         | Potentially Eligible              | Assess effects and mitigate as necessary | None to date                 |
| AM1595                          | Haw River Central Business District        | 250                          | Not Eligible                      | No further investigations                | None to date                 |
| AM2407/AM2408                   | Tabardrey Mills Warehouse                  | 130                          | Potentially Eligible              | Assess effects and mitigate as necessary | NC Study List                |
| AM2490                          | Outbuildings                               | 750                          | Not Eligible                      | No further investigations                | None to date                 |

**Table 4.5-10**

**Aboveground Resources Identified in North Carolina (current as of September 20, 2018)**

| Facility/County/Resource Number | Resource Type            | Distance (feet) <sup>2</sup> | Southgate Project NRHP Assessment | Southgate Project Recommendations        | SHPO Comments (if available) |
|---------------------------------|--------------------------|------------------------------|-----------------------------------|--|------------------------------|
| AM2491                          | Dwelling                 | 2600                         | Not Eligible                      | No further investigations                | None to date                 |
| AM2492                          | Dwelling                 | 2400                         | Not Eligible                      | No further investigations                | None to date                 |
| AM2493                          | Farmstead                | 1700                         | Not Eligible                      | No further investigations                | None to date                 |
| AM2494                          | Dwelling                 | 1300                         | Not Eligible                      | No further investigations                | None to date                 |
| AM2495                          | Barn                     | 800                          | Not Eligible                      | No further investigations                | None to date                 |
| AM2496                          | Dwelling                 | 1500                         | Not Eligible.                     | No further investigations                | None to date                 |
| AM2497                          | Dwelling                 | 1500                         | Not Eligible                      | No further investigations                | None to date                 |
| AM2498                          | Cemetery                 | 1200                         | Not Eligible                      | No further investigations                | None to date                 |
| AM2499                          | Dwelling and Outbuilding | 1000                         | Not Eligible                      | No further investigations                | None to date                 |
| AM2500                          | Farmstead                | 1000                         | Not Eligible                      | No further investigations                | None to date                 |
| AM2502                          | Dwelling                 | 800                          | Not Eligible                      | No further investigations                | None to date                 |
| AM2503                          | Farmstead                | 1200                         | Not Eligible                      | No further investigations                | None to date                 |
| AM2504                          | Farmstead                | 450                          | Not Eligible                      | No further investigations                | None to date                 |
| AM2505                          | Farmstead                | 600                          | Not Eligible                      | No further investigations                | None to date                 |
| AM2506                          | Race Track               | 200                          | Not Eligible                      | No further investigations                | None to date                 |
| AM2507                          | Service Station          | 1000                         | Not Eligible                      | No further investigations                | None to date                 |
| AM2508                          | Dwelling                 | 400                          | Not Eligible                      | No further investigations                | None to date                 |
| AM2509                          | Farmstead                | 800                          | Not Eligible                      | No further investigations                | None to date                 |
| AM2510                          | Dwelling                 | 400                          | Not Eligible                      | No further investigations                | None to date                 |
| AM2511                          | Dwelling                 | 400                          | Not Eligible                      | No further investigations                | None to date                 |
| AM2512                          | Dwelling                 | 900                          | Not Eligible                      | No further investigations                | None to date                 |
| AM2514                          | Farmstead                | 550                          | Potentially Eligible              | Assess effects and mitigate as necessary | None to date                 |
| AM2515                          | Dwelling                 | 850                          | Not Eligible                      | No further investigations                | None to date                 |
| AM2516                          | Farmstead                | 570                          | Not Eligible                      | No further investigations                | None to date                 |
| AM2517                          | Dwelling                 | 300                          | Not Eligible                      | No further investigations                | None to date                 |
| AM2518                          | Dwelling                 | 600                          | Not Eligible                      | No further investigations                | None to date                 |

**Table 4.5-10**

**Aboveground Resources Identified in North Carolina (current as of September 20, 2018)**

| Facility/County/Resource Number | Resource Type       | Distance (feet) <sup>2</sup> | Southgate Project NRHP Assessment | Southgate Project Recommendations | SHPO Comments (if available) |
|---------------------------------|---------------------|------------------------------|-----------------------------------|-----------------------------------|------------------------------|
| AM2519                          | Dwelling            | 1000                         | Not Eligible                      | No further investigations         | None to date                 |
| AM2520                          | Farmstead           | 950                          | Not Eligible                      | No further investigations         | None to date                 |
| AM2524                          | Dwelling            | 1000                         | Not Eligible                      | No further investigations         | None to date                 |
| AM2525                          | Dwelling            | 750                          | Not Eligible                      | No further investigations         | None to date                 |
| AM2526                          | Dwelling            | 900                          | Not Eligible                      | No further investigations         | None to date                 |
| AM2534                          | Dwelling            | 500                          | Not Eligible                      | No further investigations         | None to date                 |
| AM2535                          | Dwelling            | 400                          | Not Eligible                      | No further investigations         | None to date                 |
| AM2536                          | Dwelling            | 350                          | Not Eligible                      | No further investigations         | None to date                 |
| AM2537                          | Dwelling            | 250                          | Not Eligible                      | No further investigations         | None to date                 |
| AM2538                          | Dwelling            | 150                          | Not Eligible                      | No further investigations         | None to date                 |
| AM2539                          | Dwelling            | 200                          | Not Eligible                      | No further investigations         | None to date                 |
| AM2540                          | Farmstead           | 720                          | Not Eligible                      | No further investigations         | None to date                 |
| AM2542                          | Dwelling            | 2000                         | Not Eligible                      | No further investigations         | None to date                 |
| AM2543                          | Dwelling            | 300                          | Not Eligible                      | No further investigations         | None to date                 |
| AM2544                          | Dwelling            | 160                          | Not Eligible                      | No further investigations         | None to date                 |
| AM2545                          | Church and Cemetery | 350                          | Not Eligible                      | No further investigations         | None to date                 |
| AM2554                          | Dwelling            | 300                          | Not Eligible                      | No further investigations         | None to date                 |
| AM2587                          | Dwelling            | 0                            | Not Eligible                      | No further investigations         | None to date                 |
| AM2588                          | Dwelling/Commercial | 150                          | Not Eligible                      | No further investigations         | None to date                 |
| AM2589                          | Dwelling            | 100                          | Not Eligible                      | No further investigations         | None to date                 |
| AM2590                          | Commercial          | 15                           | Not Eligible                      | No further investigations         | None to date                 |
| AM2592                          | Commercial          | 75                           | Not Eligible                      | No further investigations         | None to date                 |
| AM2593                          | Dwelling            | 85                           | Not Eligible                      | No further investigations         | None to date                 |
| AM2594                          | Dwelling            | 100                          | Not Eligible                      | No further investigations         | None to date                 |
| AM2595                          | Commercial          | 150                          | Not Eligible                      | No further investigations         | None to date                 |
| AM2596                          | Commercial          | 230                          | Not Eligible                      | No further investigations         | None to date                 |

**Table 4.5-10**

**Aboveground Resources Identified in North Carolina (current as of September 20, 2018)**

| Facility/County/Resource Number            | Resource Type | Distance (feet) <sup>2</sup> | Southgate Project NRHP Assessment | Southgate Project Recommendations | SHPO Comments (if available) |
|--|---------------|------------------------------|-----------------------------------|-----------------------------------|------------------------------|
| AM2597                                     | Commercial    | 200                          | Not Eligible                      | No further investigations         | None to date                 |
| AM2598                                     | Culvert       | 15                           | Not Eligible                      | No further investigations         | None to date                 |
| AM2599                                     | Civic         | 400                          | Not Eligible                      | No further investigations         | None to date                 |
| AM2603                                     | Railroad      | 0                            | Not Eligible                      | No further investigations         | None to date                 |
| AM2604                                     | Industrial    | 2000                         | Not Eligible                      | No further investigations         | None to date                 |
| AM2609                                     | Dwelling      | 300                          | Not Eligible                      | No further investigations         | None to date                 |
| AM2610                                     | Dwelling      | 150                          | Not Eligible                      | No further investigations         | None to date                 |
| AM2611                                     | Commercial    | 200                          | Not Eligible                      | No further investigations         | None to date                 |
| AM2612                                     | Dwelling      | 280                          | Not Eligible                      | No further investigations         | None to date                 |
| AM2613                                     | Commercial    | 200                          | Not Eligible                      | No further investigations         | None to date                 |
| AM2616                                     | Dwelling      | 230                          | Not Eligible                      | No further investigations         | None to date                 |
| <b>LN 3600 INTERCONNECT</b>                |               |                              |                                   |                                   |                              |
| Rockingham/NC                              |               |                              |                                   |                                   |                              |
| None                                       | None          | None                         | None                              | None                              | None                         |
| <b>T-15 DAN RIVER INTERCONNECT / MLV 4</b> |               |                              |                                   |                                   |                              |
| Rockingham/NC                              |               |                              |                                   |                                   |                              |
| None                                       | None          | None                         | None                              | None                              | None                         |
| <b>T-21 HAW RIVER INTERCONNECT / MLV 8</b> |               |                              |                                   |                                   |                              |
| Alamance/NC                                |               |                              |                                   |                                   |                              |
| None                                       | None          | None                         | None                              | None                              | None                         |
| <b>ACCESS ROADS</b>                        |               |                              |                                   |                                   |                              |
| Rockingham/NC                              |               |                              |                                   |                                   |                              |
| RK1396                                     | House         | 435                          | Not Eligible                      | No further investigations         | None to date                 |
| RK1655                                     | Farmstead     | 150                          | Not Eligible                      | No further investigations         | None to date                 |
| RK1657                                     | Dwelling      | 140                          | Not Eligible                      | No further investigations         | None to date                 |
| RK1658                                     | Farmstead     | 476                          | Not Eligible                      | No further investigations         | None to date                 |



**Table 4.5-10**

**Aboveground Resources Identified in North Carolina (current as of September 20, 2018)**

| Facility/County/Resource Number | Resource Type | Distance (feet) <sup>2</sup> | Southgate Project NRHP Assessment | Southgate Project Recommendations        | SHPO Comments (if available) |
|---------------------------------|---------------|------------------------------|-----------------------------------|--|------------------------------|
| RK1659                          | Farmstead     | 549                          | Not Eligible                      | No further investigations                | None to date                 |
| RK1660                          | Farmstead     | 106                          | Not Eligible                      | No further investigations                | None to date                 |
| RK1666                          | Dwelling      | 220                          | Not Eligible                      | No further investigations                | None to date                 |
| RK1672                          | Dwelling      | N/A                          | Not Eligible (Demolished)         | No further investigations                | None to date                 |
| RK1673                          | Dwelling      | 100                          | Not Eligible                      | No further investigations                | None to date                 |
| RK1674                          | Farmstead     | 110                          | Not Eligible                      | No further investigations                | None to date                 |
| RK1677                          | Dwelling      | 85                           | Not Eligible                      | No further investigations                | None to date                 |
| RK1678                          | Dwelling      | 90                           | Not Eligible                      | No further investigations                | None to date                 |
| RK1688                          | Dwelling      | 165                          | Not Eligible                      | No further investigations                | None to date                 |
| RK1690                          | Dwelling      | 275                          | Not Eligible                      | No further investigations                | None to date                 |
| RK1691                          | Dwelling      | 660                          | Not Eligible                      | No further investigations                | None to date                 |
| RK1693                          | Dwelling      | 110                          | Not Eligible                      | No further investigations                | None to date                 |
| RK1694                          | Dwelling      | 325                          | Not Eligible                      | No further investigations                | None to date                 |
| RK1695                          | Dwelling      | 125                          | Not Eligible                      | No further investigations                | None to date                 |
| RK1696                          | Dwelling      | 30                           | Not Eligible                      | No further investigations                | None to date                 |
| RK1697                          | Dwelling      | 150                          | Not Eligible                      | No further investigations                | None to date                 |
| RK1701                          | Dwelling      | 65                           | Not Eligible                      | No further investigations                | None to date                 |
| RK1704                          | Industrial    | 400                          | Potentially Eligible              | Assess effects and mitigate as necessary | None to date                 |
| RK1705                          | Dwelling      | 60                           | Not Eligible                      | No further investigations                | None to date                 |
| RK1706                          | Dwelling      | 80                           | Not Eligible                      | No further investigations                | None to date                 |
| RK1707                          | Dwelling      | 50                           | Not Eligible                      | No further investigations                | None to date                 |
| RK1715                          | Dwelling      | 260                          | Not Eligible                      | No further investigations                | None to date                 |
| RK1716                          | Dwelling      | 80                           | Not Eligible                      | No further investigations                | None to date                 |
| RK1717                          | Dwelling      | 5                            | Not Eligible                      | No further investigations                | None to date                 |
| RK1718                          | Dwelling      | 7                            | Not Eligible                      | No further investigations                | None to date                 |
| RK1719                          | Dwelling      | 2                            | Not Eligible                      | No further investigations                | None to date                 |

**Table 4.5-10**

**Aboveground Resources Identified in North Carolina (current as of September 20, 2018)**

| Facility/County/Resource Number | Resource Type            | Distance (feet) <sup>2</sup> | Southgate Project NRHP Assessment | Southgate Project Recommendations | SHPO Comments (if available) |
|---------------------------------|--------------------------|------------------------------|-----------------------------------|-----------------------------------|------------------------------|
| RK1720                          | Dwelling                 | 12                           | Not Eligible                      | No further investigations         | None to date                 |
| RK1721                          | Dwelling                 | 18                           | Not Eligible                      | No further investigations         | None to date                 |
| RK1722                          | Dwelling                 | 20                           | Not Eligible                      | No further investigations         | None to date                 |
| RK1723                          | Farmstead                | 70                           | Not Eligible                      | No further investigations         | None to date                 |
| RK1724                          | Farmstead                | 820                          | Not Eligible                      | No further investigations         | None to date                 |
| RK1725                          | Dwelling and Outbuilding | 150                          | Not Eligible                      | No further investigations         | None to date                 |
| RK1726                          | Dwelling                 | 350                          | Not Eligible                      | No further investigations         | None to date                 |
| RK1727                          | Dwelling                 | 570                          | Not Eligible                      | No further investigations         | None to date                 |
| RK1734                          | Commercial               | 130                          | Not Eligible                      | No further investigations         | None to date                 |
| RK1738                          | Farmstead                | 30                           | Not Eligible                      | No further investigations         | None to date                 |
| RK1739                          | Dwelling                 | 80                           | Not Eligible                      | No further investigations         | None to date                 |
| RK1740                          | Dwelling                 | 350                          | Not Eligible                      | No further investigations         | None to date                 |
| RK1741                          | Farmstead                | 250                          | Not Eligible                      | No further investigations         | None to date                 |
| RK1742                          | Dwelling                 | 515                          | Not Eligible                      | No further investigations         | None to date                 |
| RK1743                          | Dwelling                 | 650                          | Not Eligible                      | No further investigations         | None to date                 |
| RK1744                          | Outbuilding              | 330                          | Not Eligible                      | No further investigations         | None to date                 |
| RK1745                          | Dwelling                 | 180                          | Not Eligible                      | No further investigations         | None to date                 |
| RK1746                          | Dwelling                 | 250                          | Not Eligible                      | No further investigations         | None to date                 |
| RK1748                          | Farmhouse                | 65                           | Not Eligible                      | No further investigations         | None to date                 |
| RK1749                          | Dwelling                 | 100                          | Not Eligible                      | No further investigations         | None to date                 |
| RK1750                          | Dwelling                 | 300                          | Not Eligible                      | No further investigations         | None to date                 |
| RK1751                          | Dwelling                 | 160                          | Not Eligible                      | No further investigations         | None to date                 |
| RK1753                          | Dwelling                 | 10                           | Not Eligible                      | No further investigations         | None to date                 |
| RK1754                          | Dwelling                 | 130                          | Not Eligible                      | No further investigations         | None to date                 |
| RK1755                          | Dwelling                 | 165                          | Not Eligible                      | No further investigations         | None to date                 |
| RK1756                          | Farmstead                | 350                          | Not Eligible                      | No further investigations         | None to date                 |

| <b>Table 4.5-10</b>  |                      |                                    |  |  |                                     |
|--|----------------------|------------------------------------|--|--|-------------------------------------|
| <b>Aboveground Resources Identified in North Carolina (current as of September 20, 2018)</b> |                      |                                    |  |  |                                     |
| <b>Facility/County/Resource Number</b>   | <b>Resource Type</b> | <b>Distance (feet)<sup>2</sup></b> | <b>Southgate Project NRHP Assessment</b> | <b>Southgate Project Recommendations</b> | <b>SHPO Comments (if available)</b> |
| RK1759   | Farmstead            | 60                                 | Not Eligible                             | No further investigations                | None to date                        |
| RK1760   | Farmstead            | 170                                | Not Eligible                             | No further investigations                | None to date                        |
| RK1761   | Dwelling             | 540                                | Not Eligible                             | No further investigations                | None to date                        |
| RK1762   | Dwelling             | 400                                | Not Eligible                             | No further investigations                | None to date                        |
| RK1763   | Farmhouse            | 400                                | Not Eligible                             | No further investigations                | None to date                        |
| RK1768   | Farmstead            | 20                                 | Not Eligible                             | No further investigations                | None to date                        |
| Alamance/NC  |                      |                                    |  |  |                                     |
| AM1529   | J.A. Gilliam House   | 2000                               | Potentially Eligible                     | Assess effects and mitigate as necessary | None to date                        |
| AM2501   | Dwelling             | 350                                | Not Eligible                             | No further investigations                | None to date                        |
| AM2513   | Dwelling             | 250                                | Not Eligible                             | No further investigations                | None to date                        |
| AM2521   | Dwelling             | 200                                | Not Eligible                             | No further investigations                | None to date                        |
| AM2522   | Dwelling             | 500                                | Not Eligible                             | No further investigations                | None to date                        |
| AM2523   | Outbuildings         | 550                                | Not Eligible                             | No further investigations                | None to date                        |
| AM2527   | Farmstead            | 25                                 | Not Eligible                             | No further investigations                | None to date                        |
| AM2528   | Dwelling             | 300                                | Not Eligible                             | No further investigations                | None to date                        |
| AM2529   | Dwelling             | 200                                | Not Eligible                             | No further investigations                | None to date                        |
| AM2530   | Dwelling             | 100                                | Not Eligible                             | No further investigations                | None to date                        |
| AM2531   | Dwelling             | 100                                | Not Eligible                             | No further investigations                | None to date                        |
| AM2532   | Dwelling             | 100                                | Not Eligible                             | No further investigations                | None to date                        |
| AM2533   | Dwelling             | 170                                | Not Eligible                             | No further investigations                | None to date                        |
| AM2541   | Dwelling             | 570                                | Not Eligible                             | No further investigations                | None to date                        |
| AM2546   | Dwelling             | 100                                | Not Eligible                             | No further investigations                | None to date                        |
| AM2547   | Dwelling             | 60                                 | Not Eligible                             | No further investigations                | None to date                        |
| AM2549   | Farmstead            | 160                                | Potentially Eligible                     | No further investigations                | None to date                        |
| AM2550   | Dwelling             | 650                                | Not Eligible                             | No further investigations                | None to date                        |
| AM2551   | Dwelling             | 450                                | Not Eligible                             | No further investigations                | None to date                        |

**Table 4.5-10**

**Aboveground Resources Identified in North Carolina (current as of September 20, 2018)**

| Facility/County/Resource Number | Resource Type | Distance (feet) <sup>2</sup> | Southgate Project NRHP Assessment | Southgate Project Recommendations | SHPO Comments (if available) |
|---------------------------------|---------------|------------------------------|-----------------------------------|-----------------------------------|------------------------------|
| AM2552                          | Dwelling      | 350                          | Not Eligible                      | No further investigations         | None to date                 |
| AM2553                          | Dwelling      | 230                          | Not Eligible                      | No further investigations         | None to date                 |
| AM2555                          | Dwelling      | 200                          | Not Eligible                      | No further investigations         | None to date                 |
| AM2556                          | Dwelling      | 300                          | Not Eligible                      | No further investigations         | None to date                 |
| AM2557                          | Dwelling      | 80                           | Not Eligible                      | No further investigations         | None to date                 |
| AM2558                          | Dwelling      | 50                           | Not Eligible                      | No further investigations         | None to date                 |
| AM2559                          | Dwelling      | 90                           | Not Eligible                      | No further investigations         | None to date                 |
| AM2560                          | Dwelling      | 50                           | Not Eligible                      | No further investigations         | None to date                 |
| AM2561                          | Dwelling      | 35                           | Not Eligible                      | No further investigations         | None to date                 |
| AM2562                          | Dwelling      | 40                           | Not Eligible                      | No further investigations         | None to date                 |
| AM2563                          | Dwelling      | 50                           | Not Eligible                      | No further investigations         | None to date                 |
| AM2564                          | Dwelling      | 50                           | Not Eligible                      | No further investigations         | None to date                 |
| AM2565                          | Dwelling      | 50                           | Not Eligible                      | No further investigations         | None to date                 |
| AM2566                          | Dwelling      | 50                           | Not Eligible                      | No further investigations         | None to date                 |
| AM2567                          | Dwelling      | 50                           | Not Eligible                      | No further investigations         | None to date                 |
| AM2568                          | Dwelling      | 50                           | Not Eligible                      | No further investigations         | None to date                 |
| AM2569                          | Dwelling      | 50                           | Not Eligible                      | No further investigations         | None to date                 |
| AM2570                          | Dwelling      | 50                           | Not Eligible                      | No further investigations         | None to date                 |
| AM2571                          | Dwelling      | 50                           | Not Eligible                      | No further investigations         | None to date                 |
| AM2572                          | Dwelling      | 50                           | Not Eligible                      | No further investigations         | None to date                 |
| AM2573                          | Dwelling      | 50                           | Not Eligible                      | No further investigations         | None to date                 |
| AM2574                          | Dwelling      | 50                           | Not Eligible                      | No further investigations         | None to date                 |
| AM2575                          | Dwelling      | 50                           | Not Eligible                      | No further investigations         | None to date                 |
| AM2576                          | Dwelling      | 50                           | Not Eligible                      | No further investigations         | None to date                 |
| AM2577                          | Dwelling      | 50                           | Not Eligible                      | No further investigations         | None to date                 |
| AM2578                          | Dwelling      | 50                           | Not Eligible                      | No further investigations         | None to date                 |

**Table 4.5-10**

**Aboveground Resources Identified in North Carolina (current as of September 20, 2018)**

| Facility/County/Resource Number | Resource Type | Distance (feet) <sup>2</sup> | Southgate Project NRHP Assessment | Southgate Project Recommendations | SHPO Comments (if available) |
|---------------------------------|---------------|------------------------------|-----------------------------------|-----------------------------------|------------------------------|
| AM2579                          | Dwelling      | 50                           | Not Eligible                      | No further investigations         | None to date                 |
| AM2580                          | Dwelling      | 50                           | Not Eligible                      | No further investigations         | None to date                 |
| AM2581                          | Dwelling      | 50                           | Not Eligible                      | No further investigations         | None to date                 |
| AM2582                          | Dwelling      | 50                           | Not Eligible                      | No further investigations         | None to date                 |
| AM2583                          | Dwelling      | 50                           | Not Eligible                      | No further investigations         | None to date                 |
| AM2584                          | Dwelling      | 70                           | Not Eligible                      | No further investigations         | None to date                 |
| AM2585                          | Church        | 170                          | Not Eligible                      | No further investigations         | None to date                 |
| AM2586                          | Commercial    | 30                           | Not Eligible                      | No further investigations         | None to date                 |
| AM2591                          | Dwelling      | 250                          | Not Eligible                      | No further investigations         | None to date                 |
| AM2600                          | Dwelling      | 150                          | Potentially Eligible              | No further investigations         | None to date                 |
| AM2601                          | Dwelling      | 60                           | Potentially Eligible              | No further investigations         | None to date                 |
| AM2602                          | Dwelling      | 50                           | Not Eligible                      | No further investigations         | None to date                 |
| AM2605                          | Dwelling      | 230                          | Not Eligible                      | No further investigations         | None to date                 |
| AM2607                          | Dwelling      | 230                          | Not Eligible                      | No further investigations         | None to date                 |
| AM2608                          | Dwelling      | 300                          | Not Eligible                      | No further investigations         | None to date                 |
| AM2614                          | Dwelling      | 310                          | Not Eligible                      | No further investigations         | None to date                 |
| AM2615                          | Dwelling      | 500                          | Not Eligible                      | No further investigations         | None to date                 |
| <b>CONTRACTOR YARDS</b>         |               |                              |                                   |                                   |                              |
| Rockingham/NC                   |               |                              |                                   |                                   |                              |
| RK1769                          | Railroad      | 50                           | Not Eligible                      | No further investigations         | None to date                 |
| RK1770                          | Church        | 50                           | Not Eligible                      | No further investigations         | None to date                 |
| RK1771                          | Dwelling      | 500                          | Not Eligible                      | No further investigations         | None to date                 |
| RK1772                          | Dwelling      | 300                          | Not Eligible                      | No further investigations         | None to date                 |
| RK1773                          | Dwelling      | 300                          | Not Eligible                      | No further investigations         | None to date                 |
| RK1774                          | Dwelling      | 500                          | Not Eligible                      | No further investigations         | None to date                 |
| RK1775                          | Dwelling      | 700                          | Not Eligible                      | No further investigations         | None to date                 |

**Table 4.5-10**

**Aboveground Resources Identified in North Carolina (current as of September 20, 2018)**

| Facility/County/Resource Number   | Resource Type | Distance (feet) <sup>2</sup> | Southgate Project NRHP Assessment | Southgate Project Recommendations | SHPO Comments (if available) |
|---|---------------|------------------------------|-----------------------------------|-----------------------------------|------------------------------|
| RK1776  | Industrial    | 4400                         | Not Eligible                      | No further investigations         | None to date                 |
| RK1777  | Dwelling      | 4350                         | Not Eligible                      | No further investigations         | None to date                 |
| RK1778  | Dwelling      | 4300                         | Not Eligible                      | No further investigations         | None to date                 |
| RK1779  | Dwelling      | 4600                         | Not Eligible                      | No further investigations         | None to date                 |
| RK1780  | Commercial    | 4000                         | Not Eligible                      | No further investigations         | None to date                 |
| Alamance/NC   |               |                              |                                   |                                   |                              |
| None  | None          | None                         | None                              | None                              | None                         |
| <p><u>1.</u> Each resource is only listed once. Any resources located on both the pipeline route and at other pipeline locations are listed under the pipeline route.</p> <p><u>2.</u> Distances are to property boundaries and not to individual structures.</p> |               |                              |                                   |                                   |                              |

## **MVP Southgate Project**

**Docket No. CP19-XX-000**

### **Resource Report 4**

#### **Appendix 4-A**

#### **Agency and Stakeholder Correspondence**

**(Note: Privileged and Confidential Information, CUI//PRIV,  
Correspondence Provided Under Separate Cover)**

## **VDHR Correspondence**



MVP Southgate Project VDHR Coordination. Updated through October 15, 2018

| Affiliation | Date      | Type              | Sender                     | Recipient                  | Subject   |
|-------------|-----------|-------------------|----------------------------|----------------------------|---|
| VDHR (PRIV) | 4/27/2018 | letter (via ePIX) | Alex Miller, MVP Southgate | Roger Kirchen              | Project introduction package and request for comment                                    |
| VDHR        | 4/27/2018 | email             | VDHR ePIX auto response    | Alex Miller, MVP Southgate | Auto-response with ER # (ER 2018-3545)  |
| VDHR        | 5/17/2018 | presentation      | Alex Miller, MVP Southgate | VDHR staff                 | Powerpoint presentation on Project  |
| VDHR        | 6/4/2018  | letter            | Alex Miller, MVP Southgate | Roger Kirchen              | Historic structures work plan, shapefile submittal                                      |
| VDHR        | 7/2/2018  | email             | Alex Miller, MVP Southgate | Roger Kirchen              | Work plans  |
| VDHR        | 8/3/2018  | email             | Paul Webb, TRC             | Roger Kirchen              | Plans to file RR 4 including Unanticipated Discoveries Plan; invitation to site visits  |
| VDHR        | 8/10/2018 | phone call        | Paul Webb, TRC             | Roger Kirchen              | Plans to file RR 4, invitation to site visits   |
| VDHR        | 8/13/2018 | email             | Paul Webb, TRC             | Roger Kirchen              | Public version of RR4, PRIV Figure 4-5.1  |
| VDHR        | 8/13/2018 | ftp               | Paul Webb, TRC             | Roger Kirchen              | PRIV version of SHPO correspondence   |
| VDHR        | 8/16/2018 | letter            | Alex Miller, MVP Southgate | Roger Kirchen              | transmitting complete RR4   |
| VDHR        | 9/14/2018 | letter            | Roger Kirchen              | Alex Miller, MVP Southgate | RR4 satisfactorily describes work to date; Unanticipated Discoveries Plan satisfactory. |
| VDHR        | 10/3/2018 | email             | Paul Webb, TRC             | Roger Kirchen              | Discovers Plan satisfactory.  |
| VDHR        | 10/4/2018 | email             | Roger Kirchen              | Paul Webb, TRC             | scheduling meeting  |
|             |           |                   |                            |                            | scheduling meeting  |



### Correspondence Summary Sheet

---

**Client:** Mountain Valley Pipeline, LLC

**By:** Paul Webb

**Project Name:** MVP Southgate Project

**Talked With:** Roger Kirchen

**Project Number:**

**Date:** August 10, 2018

**Of:** VDHR

**Subject:** RR4, Site Visit

**Telephone:**

**Email:**

**Supplemental Information Attached?** NO

**Indicate Documentation Type:** Telephone

---

I called Roger Kirchen of VDHR to inform him that RR 4 was coming, and ask if the VDHR was interested in a site visit.

Roger asked if RR4 was coming to them directly, and I said that it was.

He said he didn't see any need for site visits at this time.

## Webb, Paul

---

**From:** Webb, Paul  
**Sent:** Monday, August 13, 2018 11:30 AM  
**To:** Kirchen, Roger  
**Cc:** Miller, Alex  
**Subject:** MVP Southgate (2018-3545) Resource Report 4  
**Attachments:** PUBLIC\_MVP\_Southgate\_PF\_RR4\_August\_2018.pdf; PRIV Figure 4.5-1 CR Progress 2018-08-08.pdf

Roger –

Per our conversation on Friday, MVP Southgate filed Resource Report 4 (cultural resources) with the FERC this morning. I am attaching a .pdf of the complete PUBLIC version of RR4 as filed (which includes Appendix 4-C, the Unanticipated Discoveries Plan) for your review. Also attached is Figure 4.5-1, which was filed as PRIVILEGED.

There is also a PRIVILEGED version of the SHPO correspondence, which I'll send via a FTP link due to its size.

We look forward to your review of these materials, including the Unanticipated Discoveries Plan. Also, please let me know if you have any difficulties with any of the files, need hard copies, or have any questions or concerns about the project.

Thanks,

Paul Webb  
Cultural Resources Program Leader



50101 Governors Drive, Suite 250, Chapel Hill, NC 27517  
T: 919.530.8446 x222 | F: 919.530.8525 | C: 919.414.3418

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## Webb, Paul

---

**From:** Adhoctransferstatus@trcsolutions.com  
**Sent:** Tuesday, August 14, 2018 11:11 AM  
**To:** Webb, Paul  
**Subject:** 1 Delivery Notifications

1 Delivery Notifications of 'MVP Southgate (2018-3545) Resource Report 4 - PRIV SHPO Correspondence'

Email subject: 'MVP Southgate (2018-3545) Resource Report 4 - PRIV SHPO Correspondence'

Name of file downloaded: PRIV - Appendix 4-A(a) SHPO Correspondence - 8-3-2018.pdf Downloaded by:  
roger.kirchen@dhr.virginia.gov Download start time (UTC): Tuesday, August 14, 2018 3:02:17 PM Download time: 3  
minutes 23 seconds 405 milliseconds Download count: 1 Download status: Succeeded



# COMMONWEALTH of VIRGINIA

Matt Strickler  
Secretary of Natural Resources

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

Julie V. Langan  
Director

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

September 14, 2018

Mr. Alex V. Miller  
MVP Southgate  
625 Liberty Avenue, Suite 1700  
Pittsburgh, PA 15222

Re: MVP Southgate Project – Resource Report 4, Cultural Resources  
Pittsylvania County, VA  
DHR File No. 2018-3545; FERC Docket No. PF18-4-000

Dear Mr. Miller:

We have received for review the document referenced above. Our comments are provided as assistance to FERC in satisfying its responsibility pursuant to Section 106 of the National Historic Preservation Act.

We find that the report accurately documents consultation to date. Further, we accept the *Plan for Unanticipated Discoveries of Historic Properties and Human Remains* presented in Appendix 4-C of the report.

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

Sincerely,

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

Roger W. Kirchen, Director  
Review and Compliance Division

c: Mr. Paul Webb, TRC

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

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

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

## Webb, Paul

---

**From:** Webb, Paul  
**Sent:** Wednesday, October 3, 2018 4:44 PM  
**To:** 'roger.kirchen@dhr.virginia.gov'  
**Cc:** 'Miller, Alex'  
**Subject:** possible MVP Southgate - VDHR meeting

Roger (cc Alex) –

I hope all's well with you.

We wanted to see if you and other DHR staff would be interested in and available for a brief meeting on Monday, October 15<sup>th</sup>? Goal would be a brief discussion of work completed, results to date, and next steps, as well as an initial discussion of possible treatment options for a couple of likely eligible sites.

Please let me know if this would be of interest to you; if you're interested but that time doesn't work we'll see what we can work out.

Thanks,

Paul Webb  
Cultural Resources Program Leader



50101 Governors Drive, Suite 250, Chapel Hill, NC 27517  
T: 919.530.8446 x222 | F: 919.530.8525 | C: 919.414.3418

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## Webb, Paul

---

**From:** Kirchen, Roger <roger.kirchen@dhr.virginia.gov>  
**Sent:** Thursday, October 4, 2018 4:19 PM  
**To:** Webb, Paul  
**Cc:** Miller, Alex  
**Subject:** Re: possible MVP Southgate - VDHR meeting  
**Attachments:** image001.jpg

I'm out of the office the week of Oct 15. The earliest I could meet would be the afternoon of 10/24 or anytime 10/25.

---

*Roger W. Kirchen, Director  
Review and Compliance Division  
Department of Historic Resources  
2801 Kensington Avenue  
Richmond, VA 23221  
phone: 804-482-6091  
[www.dhr.virginia.gov](http://www.dhr.virginia.gov)*

On Wed, Oct 3, 2018 at 4:44 PM Webb, Paul <[PWebb@trcsolutions.com](mailto:PWebb@trcsolutions.com)> wrote:

Roger (cc Alex) –

I hope all's well with you.

We wanted to see if you and other DHR staff would be interested in and available for a brief meeting on Monday, October 15<sup>th</sup>? Goal would be a brief discussion of work completed, results to date, and next steps, as well as an initial discussion of possible treatment options for a couple of likely eligible sites.

Please let me know if this would be of interest to you; if you're interested but that time doesn't work we'll see what we can work out.

Thanks,

Paul Webb

Cultural Resources Program Leader



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# **NC HPO Correspondence**

MVP Southgate Project NC HPO Coordination, Updated through October 15, 2018

| Affiliation   | Date      | Type               | Sender   | Recipient   | Subject   |
|---------------|-----------|--------------------|--|---|---|
| NC HPO        | 4/27/2018 | letter (via email) | Alex Miller, MVP Southgate                               | Renee Gledhill-Earley, Env. Review Coordinator                            | Project introduction package and request for comment  |
| NC HPO        | 4/27/2018 | email              | NC HPO ER auto response                                  | Alex Miller, MVP Southgate  | Auto-response with ER # (ER 18-1041)  |
| NC HPO        | 5/10/2018 | presentation       | Alex Miller, MVP Southgate                               | NC HPO staff  | Powerpoint presentation on Project  |
| NC HPO        | 5/17/2018 | emails             | Susan Myers, NC HPO                                      | Paul Webb, TRC  | Info on other Cultural Resources Contacts   |
| NC HPO        | 5/21/2018 | letter             | Renee Gledhill-Earley, Env. Review Coordinator           | Alex Miller, MVP Southgate  | Comments on Project introduction package  |
| NC HPO        | 5/22/2018 | emails             | Susan Myers, NC HPO                                      | Paul Webb, TRC  | Info on other Cultural Resources Contacts   |
| NC HPO        | 5/29/2018 | emails             | Renee Gledhill-Earley, Env. Review Coordinator           | Alex Miller, MVP Southgate  | Project filing update, tribal coordination  |
| NC HPO        | 6/4/2018  | letter             | Renee Gledhill-Earley, Env. Review Coordinator           | Alex Miller, MVP Southgate  | Potential meeting, shapefile  |
| NC HPO        | 6/12/2018 | phone call         | Alex Miller, MVP Southgate                               | Renee Gledhill-Earley, Env. Review Coordinator                            | Detailed work plans, shapefile submittal  |
| NC HPO (PRIV) | 7/3/2018  | email              | Paul Webb, TRC   | Susan Myers, NC HPO   | Project update; transition to Rosie Blewitt-Golsch  |
| NC HPO        | 7/5/2018  | letter             | Renee Gledhill-Earley, Env. Review Coordinator           | Rosie Blewitt-Golsch, NC HPO  | Site number request   |
| NC HPO (PRIV) | 7/6/2018  | email              | Rosie Blewitt-Golsch, NC HPO                             | Alex Miller, MVP Southgate  | Comments on work plans, shape file  |
| NC HPO        | 7/24/2018 | phone call         | Rosie Blewitt-Golsch, NC HPO                             | Paul Webb, TRC  | Site numbers  |
| NC HPO        | 7/24/2018 | email              | Paul Webb, TRC   | John Mintz, NC HPO  | Respond to website inquiry, discuss site visits   |
| NC HPO        | 7/24/2018 | email              | John Mintz, NC HPO                                       | John Mintz, NC HPO  | scheduling site visits  |
| NC HPO        | 7/27/2018 | email              | Lindsay Ferrante, NC HPO                                 | Paul Webb, TRC  | scheduling site visits  |
| NC HPO        | 7/27/2018 | email              | Paul Webb, TRC   | Lindsay Ferrante, NC HPO  | scheduling site visits  |
| NC HPO        | 8/3/2018  | email              | Paul Webb, TRC   | Renee Gledhill-Earley, John Mintz, Lindsay Ferrante, Rose Blewitt-Golsch  | site visits; upcoming RR 4 and Unanticipated Discoveries plan submittal                         |
| NC HPO        | 8/13/2018 | phone call         | Katie Harville, NC HPO                                   | Alex Miller, MVP Southgate  | Call re: landowner contact concerning Kerr-Scott Farm   |
| NC HPO        | 8/13/2018 | email              | Paul Webb, TRC   | Renee Gledhill-Earley, Env. Review Coordinator                            | Public version of RR4, PRIV Figure 4-5.1  |
| NC HPO        | 8/13/2018 | ftp                | Paul Webb, TRC   | Renee Gledhill-Earley, Env. Review Coordinator                            | sending PRIV version of SHPO correspondence   |
| NC HPO        | 8/13/2018 | email              | Paul Webb, TRC   | Renee Gledhill-Earley, Env. Review Coordinator                            | Revision of Archaeological Survey-Testing-Deep Testing Plan addressing July 5, 2018 HPO comment |
| NC HPO        | 8/21/2018 | meeting record     | Alex Miller, MVP Southgate; Paul Webb, Tracy Millis, TRC | Lindsay Ferrante, Rosie Blewitt-Golsch, Kim Urban, Katie Harville, NC HPO | Field visit   |
| NC HPO        | 9/6/2018  | letter             | Renee Gledhill-Earley, Env. Review Coordinator           | Alex Miller, MVP Southgate  | Comments on revised work plan, RR4, and Unanticipated Discoveries Plan                          |
| NC HPO (PRIV) | 9/11/2018 | email              | Paul Webb, TRC   | Rosie Blewitt-Golsch, NC HPO  | site numbers request  |
| NC HPO        | 9/12/2018 | email              | Paul Webb, TRC   | Rosie Blewitt-Golsch, NC HPO  | requesting information on 31AM431   |
| NC HPO (PRIV) | 9/12/2018 | email              | Rosie Blewitt-Golsch, NC HPO                             | Paul Webb, TRC  | Site numbers, 31AM431 site form   |
| NC HPO (PRIV) | 9/26/2018 | email              | Tracy Millis, TRC  | Rosie Blewitt-Golsch, NC HPO  | site numbers request  |
| NC HPO (PRIV) | 9/26/2018 | email              | Rosie Blewitt-Golsch, NC HPO                             | Tracy Millis, TRC   | site numbers  |
| NC HPO        | 10/2/2018 | email              | Paul Webb, TRC   | Lindsay Ferrante, NC HPO, et al.  | setting up October meeting  |
| NC HPO        | 10/2/2018 | email              | Lindsay Ferrante, NC HPO, et al.                         | Paul Webb, TRC  | setting up October meeting  |

MVP Southgate Project NC HPO Coordination. Updated through September 30, 2018

| Affiliation   | Date      | Type               | Sender   | Recipient   | Subject   |
|---------------|-----------|--------------------|--|---|---|
| NC HPO        | 4/27/2018 | letter (via email) | Alex Miller, MVP Southgate                               | Renee Gledhill-Earley, Env. Review Coordinator                            | Project introduction package and request for comment  |
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| NC HPO        | 5/29/2018 | emails             | Renee Gledhill-Earley, Env. Review Coordinator           | Alex Miller, MVP Southgate  | Potential meeting, shapefile  |
| NC HPO        | 6/4/2018  | letter             | Alex Miller, MVP Southgate                               | Renee Gledhill-Earley, Env. Review Coordinator                            | Detailed work plans, shapefile submittal  |
| NC HPO        | 6/12/2018 | phone call         | Paul Webb, TRC   | Susan Myers, NC HPO   | Project update; transition to Rosie Blewitt-Golsch  |
| NC HPO (PRIV) | 7/3/2018  | email              | Paul Webb, TRC   | Rosie Blewitt-Golsch, NC HPO  | Site number request   |
| NC HPO        | 7/5/2018  | letter             | Renee Gledhill-Earley, Env. Review Coordinator           | Alex Miller, MVP Southgate  | Comments on work plans, shape file  |
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| NC HPO        | 7/24/2018 | email              | Paul Webb, TRC   | John Mintz, NC HPO  | scheduling site visits  |
| NC HPO        | 7/24/2018 | email              | John Mintz, NC HPO                                       | Paul Webb, TRC  | scheduling site visits  |
| NC HPO        | 7/27/2018 | email              | Lindsay Ferrante, NC HPO                                 | Paul Webb, TRC  | scheduling site visits  |
| NC HPO        | 7/27/2018 | email              | Paul Webb, TRC   | Lindsay Ferrante, NC HPO  | scheduling site visits  |
| NC HPO        | 8/3/2018  | email              | Paul Webb, TRC   | Renee Gledhill-Earley, John Mintz, Lindsay Ferrante, Rose Blewitt-Golsch  | site visits; upcoming RR 4 and Unanticipated Discoveries Plan submittal                         |
| NC HPO        | 8/13/2018 | phone call         | Katie Harville, NC HPO                                   | Alex Miller, MVP Southgate  | Call re: landowner contact concerning Kerr Scott Farm   |
| NC HPO        | 8/13/2018 | email              | Paul Webb, TRC   | Renee Gledhill-Earley, Env. Review Coordinator                            | Public version of RR4, PRIV Figure 4-5.1  |
| NC HPO        | 8/13/2018 | ftp                | Paul Webb, TRC   | Renee Gledhill-Earley, Env. Review Coordinator                            | sending PRIV version of SHPO correspondence   |
| NC HPO        | 8/13/2018 | email              | Paul Webb, TRC   | Renee Gledhill-Earley, Env. Review Coordinator                            | Revision of Archaeological Survey-Testing-Deep Testing Plan addressing July 5, 2018 HPO comment |
| NC HPO        | 8/21/2018 | meeting record     | Alex Miller, MVP Southgate; Paul Webb, Tracy Millis, TRC | Lindsay Ferrante, Rosie Blewitt-Golsch, Kim Urban, Katie Harville, NC HPO | Field visit   |
| NC HPO        | 9/6/2018  | letter             | Renee Gledhill-Earley, Env. Review Coordinator           | Alex Miller, MVP Southgate  | Comments on revised work plan, RR4, and Unanticipated Discoveries Plan                          |
| NC HPO (PRIV) | 9/11/2018 | email              | Paul Webb, TRC   | Rosie Blewitt-Golsch, NC HPO  | site numbers request  |
| NC HPO        | 9/12/2018 | email              | Paul Webb, TRC   | Rosie Blewitt-Golsch, NC HPO  | requesting information on 31AM431   |
| NC HPO (PRIV) | 9/12/2018 | email              | Rosie Blewitt-Golsch, NC HPO                             | Paul Webb, TRC  | Site numbers, 31AM431 site form   |
| NC HPO (PRIV) | 9/26/2018 | email              | Tracy Millis, TRC  | Rosie Blewitt-Golsch, NC HPO  | site numbers request  |
| NC HPO (PRIV) | 9/26/2018 | email              | Rosie Blewitt-Golsch, NC HPO                             | Tracy Millis, TRC   | site numbers  |

## Webb, Paul

---

**From:** Webb, Paul  
**Sent:** Monday, August 13, 2018 12:33 PM  
**To:** Environmental.Review@ncdcr.gov  
**Subject:** MVP Southgate Project (ER 18-1041)  
**Attachments:** PRIV Figure 4.5-1 CR Progress 2018-08-08.pdf; PUBLIC\_MVP\_Southgate\_PF\_RR4\_August\_2018.pdf

Renee –

Per my earlier email, MVP Southgate filed Resource Report 4 (cultural resources) with the FERC this morning. I am attaching a .pdf of the complete PUBLIC version of RR4 as filed (which includes Appendix 4-C, the Unanticipated Discoveries Plan) for your review. Also attached is Figure 4.5-1, which was filed as PRIVILEGED.

There is also a PRIVILEGED version of the SHPO correspondence, which I'll send via a FTP link due to its size.

We look forward to your review of these materials, including the Unanticipated Discoveries Plan. Also, please let me know if you have any difficulties with any of the files, need hard copies, or have any questions or concerns about the project.

Thanks,

Paul Webb  
Cultural Resources Program Leader



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## Webb, Paul

---

**From:** Webb, Paul  
**Sent:** Monday, August 13, 2018 12:58 PM  
**To:** Environmental.Review@ncdcr.gov  
**Cc:** Miller, Alex  
**Subject:** MVP Southgate (ER# 18-1041) Revised Archaeological survey-testing-deep testing plan  
**Attachments:** MVP Southgate - NC HPO - Archaeological survey-testing-deep testing plan\_8-13-2018.pdf

Renee –

Attached is a revised version of the MVP Southgate Archaeological Survey-Testing-Deep Testing Plan addressing the comment provided in your July 5, 2018 review letter.

Please let us know if you or your staff have any questions concerning this additional information.

Paul Webb  
Cultural Resources Program Leader



50101 Governors Drive, Suite 250, Chapel Hill, NC 27517  
T: 919.530.8446 x222 | F: 919.530.8525 | C: 919.414.3418

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**MVP SOUTHGATE PROJECT:  
PROPOSED PROCEDURES FOR ARCHAEOLOGICAL SURVEY,  
SITE TESTING, AND DEEP TESTING INVESTIGATIONS  
IN NORTH CAROLINA**

FERC PF 18-04, NC HPO ER# 18-1041

Submitted to:

NORTH CAROLINA HISTORIC PRESERVATION OFFICE  
109 E. Jones Street  
Raleigh, NC 27601

by:

TRC ENVIRONMENTAL CORPORATION  
50101 Governors Drive, Suite 250  
Chapel Hill, NC 27517

and

MVP Southgate  
625 Liberty Avenue, Suite 1700  
Pittsburgh, PA 15222

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## **INTRODUCTION**

These proposed procedures have been developed to guide archaeological survey, site testing, and deep testing investigations conducted by TRC Environmental Corporation (TRC) for the MVP Southgate Project (Project) in North Carolina. The methods presented follow those outlined in the North Carolina Office of State Archaeology's (OSA) *Archaeological Investigations Standards and Guidelines* (December 2017) and also take into account the nature of the Project.

## **PHASE I SURVEY**

As discussed in a May 10, 2018 meeting between MVP Southgate representatives and the North Carolina Historic Preservation Office (HPO) staff, specified in Federal Energy Regulatory Commission (FERC 2017) procedures, and acknowledged in a May 21, 2018 letter from the HPO (Renee Gledhill-Earley, letter of May 21, 2018), MVP Southgate is conducting a comprehensive archaeological survey of areas to be potentially affected by the development of the Project, including the proposed pipeline corridor and related appurtenances (compressor and meter station sites, additional workspaces, construction yards, access roads, etc.).

### **Survey Areas**

The archaeological survey areas (which represent the direct effects Area of Potential Effects (APE) for the Project) will typically consist of a 300-foot wide corridor centered along the proposed pipeline route (which will likely only utilize a 100-foot wide construction corridor) and 50-foot wide corridors centered along proposed access roads, as well as the limits of proposed compressor station sites, workspaces and other facilities. All survey areas will be located in the field using GIS data and aerial photographs, and labeled according to a sequential survey segment number or according to the proposed facility name. No survey or other archaeological investigations will be conducted in any area without approved landowner access or otherwise in accordance with state law, and any landowner restrictions will be noted and followed. The field survey teams will be provided with current data regarding previously recorded cultural resources in the vicinity of the survey area as well as the potential for previously undiscovered cultural resources based on landform characteristics, historical maps, and other data sources.

### **Survey Techniques**

The archaeological survey will begin with a visual inspection of the ground surface and the systematic collection of surface artifacts. (If it is evident that shovel testing will be required and there are no other complicating factors, survey will begin with shovel testing and no walkover will be conducted.) If some portion of the original land surface has been completely destroyed by modern activities (such as grading or industrial development), then no further survey will be conducted in that area beyond developing written and photographic documentation of the destruction and a map indicating the location and extent of the destroyed area.

The archaeological survey will include surface examination of all areas with good ground surface visibility, including cultivated fields as well as areas of ground exposure related to animal burrows, tree falls, dirt roads, or firebreaks. If there is greater than 50% visibility, there is 0–15% slope, and there is no possibility of an accretional/depositional environment (i.e., alluvial or colluvial soil deposition), the surface survey will consist of systematic surface examination at no greater than 10-meter (m) (33 feet) intervals. Surface examination of landforms located on greater than 15% slope will be conducted at 30-m (98.4 feet) intervals.

Where at least some portion of the original land surface remains intact, the landform exhibits 0–15% slope, and sufficient surface visibility is lacking, systematic subsurface testing (shovel testing) will be conducted.

Shovel tests will be round and measure no less than 30 centimeters (cm) in diameter, and will generally be excavated at 30-m (98.4 feet) intervals along 30-m interval transects within the 300-foot study corridor or otherwise at 30-m intervals along access roads within survey areas; shovel tests may also be excavated at closer intervals (down to 5-m intervals) as needed to investigate particular landforms (especially narrow ridgetops and higher landforms near streams and creeks, etc.). Shovel tests will be excavated to 100 cm below surface (cmbs), to hydric soils, or at least 20 cm into the sterile B horizon in upland environments with no potential for alluvial or colluvial deposition.

Three shovel test transects will generally be required to complete the survey. In areas where the survey area includes 300 feet of greenfield (i.e., previously undeveloped) corridor, transects will be placed along the centerline and 100 feet to either side. In areas where the survey area is co-located with an existing utility corridor and includes 150 feet of new right-of-way and 150 feet of existing corridor, shovel test transects will be excavated along the centerline and 100 feet from the centerline within the new right-of-way.

All soil excavated from shovel test pits will be screened through ¼-inch mesh hardware cloth over tarps to facilitate backfilling; if the soil type (for example, heavy clay) prohibits screening, this will be noted in the field and discussed in the report. Sufficient shovel test locations will be recorded via GPS to allow documentation of the location of all transects and shovel tests. Data on each shovel test will be recorded on shovel tests forms using standard USDA terminology (for horizon and texture) and Munsell color terms, and representative soil profiles will be photographed and drawn to scale. All tests will be backfilled promptly.

All artifacts recovered from shovel tests or surface inspection will be collected and bagged in the field according to provenience and natural stratigraphy. Provenience information will be recorded on each bag and on field forms. At a minimum, the following information will be recorded:

- Project Name;
- Survey Segment;
- Field Site Number;
- Transect Number;
- Shovel Test or Surface Transect Number;
- Stratum and Depth (cm below surface);
- Description/Count of Artifacts Collected;
- Date; and
- Excavator's Name or Initials.

If apparent cultural features are encountered within a shovel test, notes will be taken concerning feature type, depth, appearance, etc. No attempt will be made to enlarge the shovel test to recover additional artifacts, but the location will be noted and will be considered as a possible test unit location during site testing.

If shovel tests in alluvial settings do not reach channel gravels (lag deposits), that fact will be noted and the area will be designated as a potential deep testing area (see proposed methods below). If other alternate methods of site detection, including, but not necessarily limited to, metal detecting, remote sensing, plowing and surface collecting, or mechanized stripping are considered necessary, MVP Southgate will consult with OSA staff prior to implementing those approaches. In general, however, such techniques will be reserved for site testing.



## Site Delineation

All locations at which pre-modern artifacts (i.e., those over 50 years old) are recovered or cultural features (i.e., foundations, possible pit features, etc.) are identified will be considered archaeological sites regardless of artifact density, as will cemeteries with interments prior to 1968, railroad grades or bridge abutments, and similar features. Ephemeral road traces (i.e., farm or logging roads) or rock piles presumably resulting from historic period field clearing will be noted, but not recorded as archaeological sites.

All site delineation will be conducted on a coordinate system, with N500 E500 assigned to a positive shovel test or surface collection block located near the center of the site (and on the centerline if possible).

Minimally (in the event of a single positive shovel test), at least four additional subsurface tests will be excavated at 15-m intervals in the cardinal directions from the original productive test (tests at 30-m intervals will have been completed as part of the survey). If no other cultural materials are recovered and no other indications of an archaeological site are noted, no additional shovel tests will be excavated. If additional artifacts (or surface features indicative of an archaeological site) are identified, delineation of sites will continue until two negative shovel tests have been excavated or the limits of the direct effects APE are reached. For larger sites, full interior delineation will be conducted at 15-m intervals within the survey area.

Surface sites will be investigated and delineated by collecting artifacts along additional, close-interval transects (generally spaced 5-m apart). In order to assess the nature of subsurface deposits at surface sites, sites in areas with surface visibility of 50% or greater will also be investigated with shovel tests at a density of no less than four per acre, which is roughly comparable to excavating shovel tests at 30-m intervals on transects spaced 30 m apart. At a minimum, one shovel test will be excavated at the location of all surface sites.

Summary data on each resource will be recorded by the Crew Lead on the Project Site Summary Form, and additional notes will be taken as necessary. All shovel test locations will be recorded on a sketch map, and all delineation shovel test locations (positive and negative) will be recorded via GPS. Once site delineation is completed, the site boundaries will be recorded as specified above. Digital color photographs will be taken of the site locations and associated cultural features, as outlined above.

## PHASE II TESTING

### Research Objectives

In some instances, more intensive Phase II site evaluation/testing may be needed to further evaluate the National Register of Historic Places (NRHP) eligibility of archaeological sites. The purpose of the work will be to evaluate the site's significance in terms of the NRHP *Eligibility Criteria*, as outlined in 36 CFR 60.4 (USDOJ 1991). The *Eligibility Criteria* state:

The quality of significance in American history, architecture, archaeology, engineering, and culture is present in districts, sites, buildings, structures, and objects that possess integrity of location, design, setting, materials, workmanship, feeling, and association, and:

- A. That are associated with events that have made a significant contribution to the broad pattern of our history; or
- B. That are associated with the lives of persons significant in our past; or

- C. That embody the distinctive characteristics of a type, period, or method of construction, or that represent the work of a master, or that possess high artistic value, or that represent a significant and distinguishable entity whose components may lack individual distinction; or
- D. That have yielded, or may be likely to yield information important to history or prehistory.

Archaeological sites that are deemed eligible for the NRHP are generally recommended under Criterion D. In order to assess each site's potential under Criterion D, TRC will evaluate the site's integrity as well as its potential for providing new or substantial additional data concerning locally, regionally, or nationally relevant research topics. The work will also consider potential site eligibility under Criteria A, B, and/or C, however, and the final eligibility recommendation will address all four criteria.

The proposed testing strategies will take into account the nature of each site, including the archaeological components present, the nature and depth of deposits, and the type of ground cover. The work will seek to provide documentation of site structure (i.e., the spatial relationships among objects and the sediment matrix) and the recovery of archaeological data (artifacts, floral and faunal remains, contextual information, etc.) that will provide a basis for interpretations of site chronology, integrity, and function. Recovering such data will require documentation of the depth and horizontal extent of deposits, the identification of discrete deposits such as middens, pits, or other features, and the identification and documentation of functionally and chronologically related materials, such as the artifacts that manifest an activity area.

Specific research questions will be developed for each testing project and will vary according to the site age and type. The following questions will be addressed for each component being evaluated, and additional component-specific questions will also be developed as appropriate.

- Does the site appear to represent a single occupation or multiple occupations?
- If multiple occupations are present, what is the apparent horizontal and vertical integrity of the deposits associated with each occupation? How do the current spatial distributions of the artifacts from each occupation present relate to their likely depositional contexts? Is there evidence of appreciable post-depositional disturbances that would restrict research potential, either through bioturbation or due to plowing, logging, etc.?
- What is the apparent chronology of each occupation? Can the site potentially provide absolute chronometric data that can provide more refined intervals for the various occupations and contribute to the refinement of culture-historical chronological sequences?
- Is it possible to separate (horizontally and/or vertically) the artifact signatures of the various occupations (if present)? If individual occupation areas can be distinguished, what types of activities do they appear to represent?
- Does the site contain (or is it likely to contain) discrete pit features or other contexts that can be associated with individual components? Does the site appear to have the potential to produce subsistence data?
- Is there any evidence of postholes, foundations, or other architectural remains, or any indications that any of the site components are associated with multi-seasonal or long-term occupations?
- How did the activities represented by each occupation articulate into the broader settlement and subsistence patterns during the time period(s) represented?
- How representative are the remains and artifact assemblages from each occupation when compared to other sites with similar temporal components?

- For historic sites, is additional written or oral history documentation available that will assist in site interpretation?
- Given these factors, what is the potential that this site can provide additional substantive data that would contribute to our understanding of local, regional, or national prehistory or history.

### **Supplemental Background Research**

TRC is conducting general background research on the archaeology of Rockingham and Alamance counties and the northern North Carolina Piedmont, including gathering archaeological reports and site forms relating to previous investigations and sites along the pipeline corridor. As part of the site evaluations, however, TRC will conduct additional research regarding sites and components similar to those being evaluated. As part of this review, the researchers will consider the methods used to identify sites and define site boundaries, data on artifact types and distributions, and previous recommendations and determinations concerning site integrity and significance. In the event that a site has been previously recorded, TRC will attempt to examine the material previously recorded from the site. In addition, for historic period sites, TRC will conduct additional documentary research, including review of census records, deeds, etc., to gain an understanding of the history of the site and its inhabitants.

### **Field Methods**

Site Mapping and Documentation. The arbitrary coordinate system established during site delineation will be used to record all new shovel tests and larger excavation units. The datum location and grid will be shown on all maps, and the grid coordinates will be included as part of the identification of specific units and their artifact contents. In addition, once the temporary site datum has been relocated and the grid reestablished, the locations of all Phase I shovel tests will be re-established. If individual Phase I shovel tests cannot be recognized, their approximate locations will be identified with a GPS unit with sub-meter accuracy and the locations flagged.

A detailed site map will be prepared based on the Phase I map and will show the locations of the datum, prominent cultural and natural features, all relocated Phase I shovel tests, and all Phase II shovel test and test unit locations. Positive and negative shovel test locations will be differentiated, as will Phase I versus Phase II shovel tests. Any historic cultural features and other landscape features (such as logging roads, streams, etc.) also will be mapped. The final version of this map will be professionally drawn and will include an appropriate legend, a scale, and a north arrow.

All field activities will be documented in a field notebook maintained by the Field Director in which he/she will record daily observations and impressions concerning the progress and results of the work, as well as other relevant data. Standard forms will also be used to document specific aspects of the work, including Shovel Test Forms, Unit Level Forms, Unit Summary Forms, Feature Forms, Bag Lists, and Photo Logs, among others.

A variety of overview photographs will be taken, including general site photographs, photographs of significant cultural and natural features, photographs of various testing activities in progress, and photographs of excavation units and cultural features.

Remote Sensing. Remote sensing (including metal detecting and other techniques) may be employed if appropriate, especially to search for metal artifacts and/or subsurface features on potential early historic period or military sites.

Systematic Shovel Testing. Site testing will generally begin with completion of delineation efforts (if necessary) within the portion of the site situated within the environmental survey corridor (or within 15 m

of the narrower construction corridor if that has been defined). A limited number of additional tests may be placed at 5- to 10-m intervals around high-density tests to gather additional data, define the spatial dimensions of artifact concentrations, and determine the spatial relationships of inferred occupations or components at the site.

Shovel testing methods will follow those outlined above. Data on shovel test provenience and field artifact counts by artifact class and raw material will be entered into an Excel spreadsheet to assist in guiding subsequent investigations. Field assessment of artifacts will permit preliminary assessments of activity areas and component.

Test Unit Excavation. A limited number of larger, hand-excavated test units will then be excavated to gather additional artifact samples and stratigraphic information, and/or to investigate apparent features.

Test units will measure at least  $1 \times 1$  m and will be excavated at least two sterile 10-cm levels deeper than the maximum depth of artifacts recovered in adjacent shovel tests to ensure that the lower deposits are sterile (except in the case of historic sites where excavations may stop at the base of the plowzone or occupation level once the stratigraphy is well understood). All units will be excavated in natural levels and will be subdivided into arbitrary levels so that no excavation layer is thicker than 10 cm, with the exception of the plowzone, which will generally be excavated as a single level. All excavated soil (except for feature contents, see below) will be screened through  $\frac{1}{4}$ -inch mesh for uniform artifact recovery, and soil and flotation samples will be taken as appropriate.

The number of units to be excavated will vary according to site size and the number of components or artifact concentrations present. In general, however, TRC anticipates excavation of from four to 16  $1 \times 1$  m units to investigate a typical site.

Each excavated level will be documented on a Level Form, and the base of each level will be cleaned and examined for indications of archaeological features or other disturbance before excavation proceeds. Plan views will be drawn when warranted, and at least one wall profile of each unit will be drawn to scale as well as photographed. All soil horizons and strata will be described in standard scientific terms, including USDA terminology for soil horizons and soil texture, and Munsell color terminology. A catalog of field lot numbers will be maintained to keep track of the number of bags recovered and the date of recovery of artifacts, soil samples, radiocarbon samples, etc. from each test unit. A Unit Summary Form will also be completed for each unit excavated, and all units will be backfilled.

Digital color photographs will be taken to record significant data and information. All photographs will contain a scale, direction indicator (north arrow), and information (written on a menu board with plastic letters and numbers) identifying the site, date, and subject. The north arrow and information boards will be clearly readable in the photographs, but placed so as to not obscure the subject. Photo logs will be maintained for all photographs taken and will include the digital file number, direction of view, subject matter, and date.

Mechanized Stripping. Depending on the site type, vegetation cover, landowner permission, and safety concerns, limited mechanized stripping may be conducted to search for pit features and structural remains. Any stripping will utilize a Gradall or trackhoe equipped with a smooth-bladed bucket to remove the plowzone and search for cultural features at the top of the B horizon. At least one archaeologist will monitor all stripping, clean (shovel shave) the stripped surface as necessary, and identify potential features and postholes. All potential features and postholes will be marked with color-coded pin flags and mapped with a total station or a real-time kinematic (RTK) GPS unit, with appropriate information collected in the data collector. After appropriate investigation, all stripped areas will be returned to as close to their original contours as possible.

Cultural Feature Identification and Excavation. Special attention will be paid to the identification of potential cultural features, including prepared facilities (hearths, pits, wells, etc.), the remains of a discrete and/or narrow range of activities (such as a broken ceramic vessel or lithic debris from tool manufacture), or of a broader range of activities associated with a narrow time interval (such as a sheet midden or refuse-filled pit).

All possible cultural features encountered during unit excavation or stripping will be numbered consecutively, drawn and photographed in plan view, and investigated individually. Slightly different techniques will be used to excavated and record features depending on their size and class (or apparent association with structure patterns). Initially, each feature will be carefully defined by troweling or shovel shaving and mapped using a total station; more detailed individual plan maps will also be drawn of all substantial pits or other features. Photographs will be taken of the feature in plan. Each non-post feature (except those that appear potentially to be human graves) will be cross-sectioned along its long axis. The initial half will be excavated by natural strata (fill zones) if these can easily be recognized, or removed in a single unit if not. The feature will then be mapped and photographed in cross-section, and the remainder of the fill will be excavated by zone. If at any time a feature is determined to be non-cultural in origin (e.g., rodent burrow, tree root), excavation will be terminated. Rock cluster features (such as hearths) will be treated in similar fashion.

All information generated from feature excavation will be recorded on a feature form. Standard soil descriptions will be completed for each fill zone, and data will be recorded concerning form, evidence of burning, etc. Flotation samples (minimal 10 liters in volume) will be taken from each fill zone or feature, depending on its type and significance. The remaining feature fill will be screened through either 1/4-inch mesh or 1/16-inch mesh (window screen), depending on its provenience and logistical concerns. The finer 1/16-inch mesh will be used to maximize recovery of small faunal elements and such diagnostic artifacts as glass beads when appropriate.

Larger flotation samples (up to one half of the feature) will be taken from selected contexts that are known or believed to be rich in archaeobotanical remains. For rock clusters, a representative sample of soil will be retained from within the area of the rocks and immediately below the rocks. Radiocarbon samples will also be taken as appropriate.

Apparent postholes (stains less than 25 cm in diameter that do not appear to be smudge pits or other specialized pit types) that are not part of recognizable structure patterns will be cross-sectioned, and information recorded on diameter, cross-section form, fill type, depth, and associated artifacts. The fill from these posts will be screened through 1/4-inch or 1/16-inch mesh. Potential posts will be categorized as cultural, possibly cultural, or non-cultural based on their shape and other factors.

All posts making up possible structure patterns or palisade lines will be completely described and excavated, and the fill screened or taken for flotation samples as appropriate. Special care will be taken to recover charred wood samples from these posts for species identification or radiocarbon dating when possible. Structure-specific maps will be hand drawn and tied to the total station data. Photographs will also be taken of each individual structure and of representative sections of any palisade lines.

If large numbers of cultural features or postholes are identified and it is clear that the site is eligible for the NRHP, excavations will be limited to that necessary to confirm the integrity of the deposits, assess artifact density, and identify the potential for the preservation of subsistence remains. If the excavations encounter unusual soils or potential depositional environments, we will consult with a geomorphologist regarding the appropriate interpretation of site stratigraphy.

## **DEEP TESTING**

### **Research Objectives**

In some instances, more intensive mechanized deep testing may be needed to search for sites in deep alluvial deposits or to further evaluate the NRHP eligibility of archaeological sites. The nature and scale of deep testing at any specific location will be determined based on site and soil characteristics as well landowner concerns. Should major changes to these methods be needed, TRC will consult with OSA staff prior to their implementation.

### **Field Methods**

Documentation. The location of all deep testing excavations will be recorded via GPS and according to the site grid, if appropriate. All deep testing will be conducted by a Project archaeologist skilled in the interpretation of soil stratigraphy and under the supervision of a geomorphologist. The location, depth, and stratigraphy of each excavated trench or probe will be recorded and documented through digital photography.

Mechanized Trenching. The deep testing will generally consist of the excavation of one or more trenches using a backhoe or trackhoe (preferably equipped with a smooth-bladed bucket), and may be supplemented by hand or mechanical coring or augering. Trenches will measure at least 30 inches in width and will be stepped or shored according to OSHA (2015) standards and TRC safety procedures.

Trenches will generally be placed in a single transect oriented along the proposed project centerline, although supplemental trenches may be placed elsewhere within the workspace as appropriate. Trenches will likely be discontinuous, with individual trench segments placed as necessary to assist in interpreting landform development. No trenches will be placed in wetlands or within 20 feet of a river or stream.

At least one wall of each trench will be cleaned as necessary to record and interpret stratigraphy. Soil profiles will be drawn and photographed, and soil samples will be taken for grain size analysis, AMS dating, and other analyses as appropriate. Should archaeological deposits or potential buried soil horizons be identified, a 50 × 50 cm soil column may be excavated and screened to evaluate potential artifact content. If appropriate, additional soil columns or shovel tests may also be excavated in the floor of the trench. Any cultural features identified will be isolated as feasible and excavated according to the procedures outlined above.

At the conclusion of the excavations, all trenches will be backfilled and the ground surface restored to grade as much as possible.

## **LABORATORY METHODS**

### **Laboratory Analyses**

In most cases, all recovered artifacts will be removed from the field for analysis in the laboratory using standard procedures (see below). If requested by the landowner, however, analyses may be conducted in the field and the artifacts replaced in the individual shovel test or on the surface, as appropriate. Any such in-field analyses will include counts of artifacts by type and provenience along with detailed descriptions and photographs of temporally diagnostic artifacts, but may lack the level of detail that could be obtained in a laboratory setting.

Artifact process and analyses will begin concurrent with the fieldwork and continue until completed. Details of all analytical techniques employed will be provided in the technical report, and a detailed

catalog/inventory of all artifacts by provenience will be provided as an appendix to the report and in electronic format.

Artifact Check-In and Washing. All artifact and sample bags will be inventoried at the end of each day of fieldwork, and all provenience data will be checked against field records at that time. All artifacts and samples will then be boxed according to the type of processing necessary and transferred to the laboratory for washing and analysis. All artifacts will then be washed, stabilized as necessary, and sorted by rough category to facilitate subsequent analysis.

Artifact Analyses. All artifacts will be systematically identified, classified, and analyzed using regionally- and temporally-relevant classification schemes that are appropriate to each particular artifact class.

The Native American ceramic assemblage (if present) will first be sorted into size categories. Sherds smaller than two cm will be counted, weighed, and examined for the presence of pipe fragments or unusual attributes, but will not be subjected to further analysis, unless such analysis is deemed crucial to defining chronologically sensitive attributes from certain discrete features or select unit level contexts. All sherds larger than 2 cm will be subjected to detailed analysis. Each sherd will be characterized according to surface treatment (e.g., net impressed, plain, etc.), adjunct decoration, and location of the extant fragment(s) in the original vessel (e.g., rim, neck, body, etc.). Where relevant, the rim profile configuration, type of rim, and type and location of any decorative elements will be recorded. The temper type and size of the aplastic (inclusion) content will be documented for each ceramic according to raw material type. The type of interior surface treatment will be recorded. The surface decoration and aplastic content from the preliminary analysis will be compared to published type descriptions and regional type collections, and type names will be applied as appropriate.

Lithic artifacts will first be sorted into a number of general categories, including chipped stone tools, chipped stone debitage, groundstone, and fire cracked rock. Chipped stone tools will then be described by general type (e.g., projectile point, biface, unifacial scraper, etc.). When possible, projectile points will be assigned type names based on those developed by previous regional researchers. Relevant measurements (including length, shoulder width, thickness, stem length, neck width, and base width for stemmed points) will be obtained for diagnostic and unbroken specimens, the raw material will be recorded (see below), and the artifact will be weighed. Other chipped stone tools and cores will be described using standard terminology (e.g., Stage II biface fragment, multifacial core, etc.).

Chipped stone debitage will be sorted by size and classified according to reduction stage. All chipped stone artifacts will then be classified by raw material category, which will be defined according to material type and such factors as color, texture, presence of inclusions, etc. as appropriate. Operational definitions for raw material types and other variables will be included in the report, along with primary references for all temporally diagnostic artifact types.

All soapstone (chlorite schist or steatite) and other ground stone artifacts will be individually described. Soapstone artifacts will be described according to form and apparent function, such as vessel fragment, perforated boiling slab, pipe, waste fragment, etc. Fire cracked rock (FCR) and apparent unmodified rock fragments from all contexts will be counted, weighed, and then discarded. This process may take place in the field for non-feature materials; materials from features will be washed and examined in the laboratory before being discarded. Representative samples of FCR from feature contexts may be retained for possible future analyses.

Historic artifacts will be initially divided into principal categories based on composition (i.e., ceramic, glass, metal, etc.) and function, using standardized and well-defined sorting criteria, and then classified according to published artifact descriptions. In addition, date ranges will be assigned to historic artifacts where

possible based on period of manufacture and/or commonly attributable period of usage. Most modern artifacts encountered will be noted, but not generally collected.

Specialized Analyses. If intact pre-modern cultural features or intact cultural strata are discovered, soil samples will be collected for various specialized analyses, including flotation processing and archaeobotanical analysis and radiocarbon/AMS analysis. Flotation samples will be processed using a Flote-Tech soil flotation system, and light and heavy fractions will be bagged separately and selected samples will be analyzed.

Archaeobotanical analysis will be conducted on botanical materials recovered from pre-modern features, identifying specimens to the most specific taxa possible to provide information regarding the use of plants by the site's occupants. Selected recovered faunal remains will be analyzed according to standard analytical techniques, concentrating on identifying the economic use(s) of the specimens by the site's inhabitants.

AMS or conventional radiocarbon samples from features or other selected contexts may be submitted for dating. All samples will be identified by the archaeobotanist prior to dating. Whenever possible, an attempt will be made to conduct AMS dating of identifiable botanical remains (i.e., individual nutshell fragments, maize cupules, etc.) rather than multiple wood charcoal fragments.

Curation. It is anticipated that most of the recovered artifacts will be returned to landowners at the conclusion of the project. If requested by OSA staff, however, MVP Southgate will attempt to procure selected collections for curation in the Office of State Archaeology Research Collection (OSARC) or elsewhere.

## **REPORTING**

*Draft and Final Reports.* The complete descriptive, analytical, and interpretative results of the background research, fieldwork, and laboratory and data analyses, as well as an assessment of potential project effects on the site, will be provided in the form of a comprehensive draft final report. The report will be fully illustrated with appropriate maps and photographs, and will be professionally edited.

TRC will respond to all agency review comments in a timely manner, and the required printed and electronic copies of the Final Report will be provided.

All site eligibility recommendations will reference all four NRHP criteria, and will be only made for the portion of the site that was investigated for the Project. If any site is recommended eligible for the NRHP, the researchers will also provide an assessment of potential adverse effects to the site as well as recommendations concerning site avoidance or treatment options (including a preliminary research design addressing the information that could potentially be provided by data recovery excavations).

## **DISCOVERIES OF GRAVES OR HUMAN REMAINS**

It is possible that human graves, potential graves, or human remains will be identified during any stage of the archaeological investigations.

If marked graves are identified, Project archaeologists will record the approximate cemetery boundary using GPS, and will record data concerning the number and age of the interments. No shovel tests or other excavations will be conducted within 25 feet of the apparent cemetery boundary without the approval of the North Carolina State Archaeologist. All cemeteries containing graves older than 50 years will be recorded as archaeological sites per OSA procedures.



In the event that potential graves (generally, oval to rectangular pit features containing mottled subsoil and organic fill) are identified during excavations, fieldwork will be halted within 25 feet of the location. Information regarding their number, location, and likely cultural affiliation will be provided to the State Archaeologist and the FERC Archaeologist assigned to the Project, and subsequent tribal notifications will be conducted at their direction. MVP Southgate anticipates that potential grave pits will be drawn, photographed, and re-covered with soil without any additional investigation. These locations will be recorded via GPS and an appropriate avoidance plan will be developed in association with the State Archaeologist. Although care will be taken to keep any specific potential grave locations confidential, if appropriate the potential grave location and a suitable buffer area will be marked in the field and shown on project mapping to ensure its protection.

If human remains or potential funerary objects are exposed during the work, the remains and/or funerary objects will be re-covered and work within 25 feet will stop immediately. TRC will immediately notify the North Carolina State Archaeologist and the FERC archaeologist. The State Archaeologist will then conduct additional notifications and consultation as needed in accordance with North Carolina General Statute 70-3, *The Unmarked Human Burial and Skeletal Remains Protection Act*, and additional tribal notifications and consultations will also be conducted following FERC procedures.

Throughout the fieldwork, analysis, and reporting, TRC will ensure that the treatment of any human remains and associated funerary objects discovered within the project area complies with all applicable state and federal laws and the Advisory Council on Historic Preservation's (2007) *Policy Statement Regarding Treatment of Burial Sites, Human Remains and Funerary Objects*.

## REFERENCES CITED

- Advisory Council on Historic Preservation (ACHP)  
2007 Policy Statement Regarding Treatment of Burial Sites, Human Remains, and Funerary Objects.  
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- Federal Energy Regulatory Commission (FERC)  
2017 Guidelines for Reporting on Cultural Resource Investigations for Natural Gas Projects.  
<https://www.ferc.gov/industries/gas/enviro/guidelines/cultural-guidelines-final.pdf>.
- Occupational Safety and Health Administration (OSHA)  
2015 Trenching and Excavation Safety. <https://www.osha.gov/Publications/osha2226.pdf>.
- Office of State Archaeology (OSA)  
2017 Archaeological Investigations Standards and Guidelines. [https://files.nc.gov/dncr-arch/OSA\\_Guidelines\\_Dec2017.pdf](https://files.nc.gov/dncr-arch/OSA_Guidelines_Dec2017.pdf).
- United States Department of Interior (USDOI)  
1991 National Register Bulletin 15: How to Apply the National Register Criteria for Evaluation. U.S. Department of the Interior, National Park Service, Washington, D.C.



## **MVP Southgate Project Meeting Minutes**

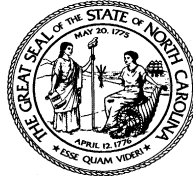
**Meeting Date:** August 21, 2018  
**Meeting Location:** MVP Southgate Corridor  
**Meeting Leader:** Alex Miller, NextEra, Environmental Specialist  
**Minutes Prepared By:** Paul Webb, TRC Cultural Resources Lead  
**Participants:** Lindsay Ferrante, HPO/Office of State Archaeology (OSA)  
Katie Harville, HPO  
Rosie Blewitt-Golsch, HPO/OSA  
Kim Urban, HPO/OSA  
Tracy Millis, TRC, Cultural Resources Field Coordinator

### **Meeting Purpose:**

Provide NC HPO staff with an opportunity to view MVP Southgate archaeological fieldwork. Participants visited ongoing deep testing/Phase II work at site 31RK222 in the Dan River vicinity and an historic cemetery (31RK234).

### **Discussion Points:**

- HPO staff appreciated opportunity to visit fieldwork. MVP Southgate will keep HPO informed and arrange additional visits depending on site findings and any HPO concerns.
- HPO would like minimal 25 foot buffer at historic cemeteries; additional buffers may be appropriate depending on certainty regarding boundaries.
- HPO staff will likely report on visit at upcoming NC Commission on Indian Affairs meeting (Sept 7).



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

Ramona M. Bartos, Administrator

Governor Roy Cooper  
Secretary Susi H. Hamilton

Office of Archives and History  
Deputy Secretary Kevin Cherry

September 6, 2018

Paul Webb  
TRC Solutions  
50101 Governors Drive, Suite 250  
Chapel Hill, NC 27517

pwebb@trcsolutions.com

Subject: MVP Southgate Project, Construct Interstate Pipeline, Rockingham and Alamance Counties, ER  
18-1041

Dear Mr. Webb:

Thank you for your letter of August 13, 2018, transmitting the draft resource report. We have reviewed the materials submitted and offer the following comments.

The archaeological survey is ongoing and has already resulted in the identification of 58 sites. Eleven of these sites are recommended unassessed for the National Register of Historic Places (NRHP) and 47 sites are recommended not eligible for the NRHP. We look forward to reviewing the report on the results of this survey work when it is submitted with the Certificate application. Five cemeteries have been identified in the project area. We note the inclusion of an amended work plan for Project Archaeological Survey, Testing, and Deep Testing Investigations in North Carolina that answers our previous question regarding how cemeteries will be marked in the field and on route plans to ensure they are avoided during construction. The Unanticipated Discovery Protocol, both for cultural resources that involve human remains or funerary objects and those that do not, are adequate for the protection of unexpected discoveries that may occur during construction. We look forward to continued work with TRC on this project.

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

Thank you for your cooperation and consideration. If you have questions concerning the above comment, contact Renee Gledhill-Earley, environmental review coordinator, at 919-807-6579 or [environmental.review@ncdcr.gov](mailto:environmental.review@ncdcr.gov). Remember to use the above assigned tracking number for any correspondence or questions concerning this undertaking. Failure to do so may cause delays in our response. We appreciate your time and consideration.

Sincerely,

A handwritten signature in blue ink that reads "Renee Gledhill-Earley".

for Ramona M. Bartos

cc: Alex Miller, alex.miller@nexteraenergy.com

## Webb, Paul

---

**From:** Webb, Paul  
**Sent:** Tuesday, September 11, 2018 8:31 PM  
**To:** Blewitt, Rosemarie  
**Cc:** Millis, Tracy  
**Subject:** MVP Southgate ER 18-1041 site number request #2  
**Attachments:** Select\_FS54\_60.zip; FS54\_55\_58\_NC.pdf; FS56\_NC.pdf; FS57\_59\_NC.pdf; FS60\_NC.pdf; Copy of Nextera\_MVP Southgate NC permanent site numbers FS54-60.xlsx

Rosie –

We'd like to request seven more site numbers for MVP Southgate; a spreadsheet, maps, and a shape file are attached.

Please let me know if you need anything else. Thanks much,

Paul Webb  
Cultural Resources Program Leader



50101 Governors Drive, Suite 250, Chapel Hill, NC 27517  
T: 919.530.8446 x222 | F: 919.530.8525 | C: 919.414.3418

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**From:** [Webb, Paul](#)  
**To:** [Blewitt, Rosemarie](#)  
**Subject:** 31AM431  
**Date:** Wednesday, September 12, 2018 1:28:00 PM

---

Rosie –

We're gotten an enquiry about 31AM431, which was apparently recorded on a landowner property recently. We'll be coming back over to do more research asap, but in the meantime is there any way you could provide a copy of the form? Any info welcomed, thanks...

Paul Webb  
Cultural Resources Program Leader



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## Webb, Paul

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**From:** Blewitt, Rosemarie <Rosemarie.Blewitt@ncdcr.gov>  
**Sent:** Wednesday, September 12, 2018 3:03 PM  
**To:** Webb, Paul  
**Cc:** Millis, Tracy  
**Subject:** RE: [External] MVP Southgate ER 18-1041 site number request #2  
**Attachments:** Copy of Copy of Nextera\_MVP Southgate NC permanent site numbers FS54-60.xlsx; AM431.pdf

Hi Paul,

I've attached your table with the permanent site numbers added. I've also attached the amateur site form for 31AM431. The landowner filled out a site form. She reported finding artifacts over the years on her property.

Best,  
Rosie

### Rosie Blewitt-Golsch

Assistant State Archaeologist and Site Registrar  
Office of State Archaeology

109 E Jones St MSC 4619 Raleigh, NC 27699-4619  
919 807 6558 *office*  
919 715 2671 *fax*  
[rosemarie.blewitt@ncdcr.gov](mailto:rosemarie.blewitt@ncdcr.gov)



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**From:** Webb, Paul <PWebb@trcsolutions.com>  
**Sent:** Tuesday, September 11, 2018 8:31 PM  
**To:** Blewitt, Rosemarie <Rosemarie.Blewitt@ncdcr.gov>  
**Cc:** Millis, Tracy <TMillis@trcsolutions.com>  
**Subject:** [External] MVP Southgate ER 18-1041 site number request #2

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Rosie –

We'd like to request seven more site numbers for MVP Southgate; a spreadsheet, maps, and a shape file are attached.

Please let me know if you need anything else. Thanks much,

Paul Webb

Cultural Resources Program Leader



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T: 919.530.8446 x222 | F: 919.530.8525 | C: 919.414.3418

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**From:** [Millis, Tracy](#)  
**To:** [Blewitt, Rosemarie](#)  
**Cc:** [Webb, Paul](#)  
**Subject:** MVP Southgate ER 18-1041 site number request #3  
**Date:** Tuesday, September 25, 2018 1:41:53 PM  
**Attachments:** [FS49\\_50\\_NC.PDF](#)  
[FS61\\_NC.PDF](#)  
[FS62\\_NC.PDF](#)  
[Select\\_FS49\\_50\\_61\\_62.zip](#)  
[MVP Southgate NC permanent site numbers table 092518.xlsx](#)

---

Rosie –

We'd like to request four more site numbers for MVP Southgate; a spreadsheet, maps, and a shape file are attached.

Please let me know if you need anything else. Thanks much,

Tracy L. Millis  
Senior Archaeologist/Senior Project Manager



50101 Governors Drive, Suite 250, Chapel Hill, NC 27517  
T: 919.530.8446 x224 | F: 919.530.8525 | C: 919.414.3420

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**From:** Blewitt, Rosemarie  
**To:** [Millis, Tracy](#)  
**Cc:** [Webb, Paul](#)  
**Subject:** RE: [External] MVP Southgate ER 18-1041 site number request #3  
**Date:** Wednesday, September 26, 2018 4:05:42 PM  
**Attachments:** [image001.png](#)  
[Copy of MVP Southgate NC permanent site numbers table 092518.xlsx](#)

---

Hi Tracy,

Your site numbers have been added to the attached spreadsheet.

Best,  
Rosie

**Please note, effective October 9, 2018, my phone number will change to 919.814.6558**

**Rosie Blewitt-Golsch**  
Assistant State Archaeologist and Site Registrar  
Office of State Archaeology

109 E Jones St MSC 4619 Raleigh, NC 27699-4619  
919 807 6558 *office*  
919 715 2671 *fax*  
[rosemarie.blewitt@ncdcr.gov](mailto:rosemarie.blewitt@ncdcr.gov)



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---

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**From:** Millis, Tracy <TMillis@trcsolutions.com>  
**Sent:** Tuesday, September 25, 2018 1:39 PM  
**To:** Blewitt, Rosemarie <Rosemarie.Blewitt@ncdcr.gov>  
**Cc:** Webb, Paul <PWebb@trcsolutions.com>  
**Subject:** [External] MVP Southgate ER 18-1041 site number request #3

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Rosie –

We'd like to request four more site numbers for MVP Southgate; a spreadsheet, maps, and a shape

file are attached.

Please let me know if you need anything else. Thanks much,

Tracy L. Millis  
Senior Archaeologist/Senior Project Manager



50101 Governors Drive, Suite 250, Chapel Hill, NC 27517  
T: 919.530.8446 x224 | F: 919.530.8525 | C: 919.414.3420

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## Webb, Paul

---

**From:** Ferrante, Lindsay <lindsay.ferrante@ncdcr.gov>  
**Sent:** Tuesday, October 2, 2018 1:41 PM  
**To:** Webb, Paul  
**Cc:** Mintz, John; Blewitt, Rosemarie  
**Subject:** RE: [External] RE: MVP Southgate meeting - Oct 15 or 16?

Hi Paul,

I am free both days with the exception of midday on the 15<sup>th</sup> (not available 10:30 – 12:15).

Our conference room is already booked on the 15<sup>th</sup> (1-2PM) and the 16<sup>th</sup> (2-3PM) but is free the rest of the time.

Lindsay

Lindsay Flood Ferrante  
Office of State Archaeology  
Deputy State Archaeologist

(919) 807-6553

**Please note, effective October 3<sup>rd</sup>, my phone number will change to 919-814-6553**

109 East Jones Street | 4619 Mail Service Center | Raleigh, North Carolina 27699-4619



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**From:** Webb, Paul <PWebb@trcsolutions.com>  
**Sent:** Tuesday, October 2, 2018 1:37 PM  
**To:** Mintz, John <john.mintz@ncdcr.gov>; Ferrante, Lindsay <lindsay.ferrante@ncdcr.gov>  
**Subject:** [External] RE: MVP Southgate meeting - Oct 15 or 16?  
**Importance:** High

**CAUTION:** External email. Do not click links or open attachments unless verified. Send all suspicious email as an attachment to [Report Spam](#).

You guys up for this?; MVP certainly wants to do it....

If so are there any times that would work?

---

**From:** Webb, Paul

**Sent:** Tuesday, September 25, 2018 10:16 AM

**To:** 'john.mintz@ncdcr.gov' <[john.mintz@ncdcr.gov](mailto:john.mintz@ncdcr.gov)>; Ferrante, Lindsay <[lindsay.ferrante@ncdcr.gov](mailto:lindsay.ferrante@ncdcr.gov)>

**Subject:** MVP Southgate meeting - Oct 15 or 16?

John/Lindsay –

Can you guys check on your availability (and I guess Rosie's?) for a meeting in your office on Oct 15 or 16; goal would be a project update, with a focus on the Phase II and deep testing work done to date....

Thanks,

Paul



# **Federally-Recognized Tribes Correspondence**

MVP Southgate Project Coordination with Federally-Recognized Tribes. Updated through October 15, 2018

| Affiliation  | Date      | Type        | Sender                      | Recipient(s)  | Subject   |
|--|-----------|-------------|-----------------------------|---|---|
| Upper Mattaponi Tribe  | 5/30/2018 | Call        | Agnes Ramsey, MVP Southgate | W. Frank Adams  | Coordination of introductory meeting.                                 |
| Catawba Indian Nation  | 5/31/2018 | Call        | Agnes Ramsey, MVP Southgate | Wenonah G. Haire  | Call to discuss project and introductory visit.                       |
| Chickahominy Tribe   | 5/31/2018 | Call        | Agnes Ramsey, MVP Southgate | Stephen Adkins  | Call to discuss project and introductory visit.                       |
| Chickahominy Tribe, Eastern Division                         | 5/31/2018 | Call        | Agnes Ramsey, MVP Southgate | Gene Adkins   | Left message regarding project coordination and company introduction. |
| Eastern Band of Cherokee Indians                             | 5/31/2018 | Call        | Agnes Ramsey, MVP Southgate | Russell Townsend  | Call to discuss project and introductory visit.                       |
| Monacan Nation   | 5/31/2018 | Call        | Agnes Ramsey, MVP Southgate | Dean Branhram   | Call to discuss project and introductory visit.                       |
| Nansemond Tribe  | 5/31/2018 | Call        | Agnes Ramsey, MVP Southgate | Lee Lockamy   | Call to discuss project and introductory visit.                       |
| Pamunkey Tribe   | 5/31/2018 | Call        | Agnes Ramsey, MVP Southgate | Robert Gray   | Left message regarding project coordination and company introduction. |
| Rappahannock Tribe   | 5/31/2018 | Call        | Agnes Ramsey, MVP Southgate | Anne Richardson   | Left message regarding project coordination and company introduction. |
| Catawba Indian Nation  | 6/1/2018  | Email       | Agnes Ramsey, MVP Southgate | Wenonah G. Haire; Caitlyn Haire Thetherow                                   | Initial project outreach message                                      |
| Chickahominy Tribe   | 6/1/2018  | Email       | Agnes Ramsey, MVP Southgate | Stephen Adkins  | Initial project outreach message                                      |
| Eastern Band of Cherokee Indians                             | 6/1/2018  | Email       | Agnes Ramsey, MVP Southgate | Russell Townsend  | Initial project outreach message                                      |
| Monacan Nation   | 6/1/2018  | Email       | Agnes Ramsey, MVP Southgate | Dean Branhram   | Initial project outreach message                                      |
| Nansemond Tribe  | 6/1/2018  | Email       | Agnes Ramsey, MVP Southgate | Lee Lockamy   | Initial project outreach message                                      |
| Upper Mattaponi Tribe  | 6/1/2018  | Email       | Agnes Ramsey, MVP Southgate | Frank Adams   | Initial project outreach message                                      |
| Rappahannock Tribe   | 6/5/2018  | Email       | Agnes Ramsey, MVP Southgate | Anne Richardson   | Initial project outreach message                                      |
| Cheyenne River Sioux Tribe                                   | 6/6/2018  | Call; Email | Agnes Ramsey, MVP Southgate | Steve Vance   | Initial project outreach message                                      |
| Delaware Nation  | 6/6/2018  | Email       | Agnes Ramsey, MVP Southgate | Kim Penrod  | Initial project outreach message                                      |
| Delaware Tribe of Indians                                    | 6/6/2018  | Email       | Agnes Ramsey, MVP Southgate | Brice Obermeyer   | Initial project outreach message                                      |
| Eastern Shawnee Tribe of Oklahoma                            | 6/6/2018  | Email       | Agnes Ramsey, MVP Southgate | Brett Barnes  | Initial project outreach message                                      |
| Muscogee (Creek) Nation                                      | 6/6/2018  | Email       | Agnes Ramsey, MVP Southgate | Rae Lynn Butler; Coralin Lowe Zepeda  | Initial project outreach message                                      |
| Rosebud Sioux Tribe  | 6/6/2018  | Call; Email | Agnes Ramsey, MVP Southgate | Ben Rhodd   | Initial project outreach message                                      |
| Tuscarora Nation (Haudenosaunee)                             | 6/6/2018  | Email       | Agnes Ramsey, MVP Southgate | Bryan Printup   | Initial project outreach message                                      |
| Delaware Tribe of Indians                                    | 6/7/2018  | Email       | Brice Obermeyer             | Agnes Ramsey, MVP Southgate   | Project is outside historic area of interest.                         |
| Rosebud Sioux Tribe  | 6/7/2018  | Call; Email | Agnes Ramsey, MVP Southgate | Benjamin Young  | Initial project outreach message                                      |
| Muscogee (Creek) Nation                                      | 6/8/2018  | Email       | LeeAnne Wendt               | Agnes Ramsey, MVP Southgate   | Project is outside historic area of interest.                         |
| Eastern Band of Cherokee Indians                             | 6/11/2018 | Email       | Agnes Ramsey, MVP Southgate | Holly Austin; Russell Townsend; Miranda Panther                             | Discuss date/time for meeting   |
| Nansemond Tribe  | 6/11/2018 | Email       | Lee Lockamy                 | Agnes Ramsey, MVP Southgate   | Question in regards to consultation                                   |
| Delaware Tribe of Indians                                    | 6/11/2018 | Call        | Agnes Ramsey, MVP Southgate | Lee Lockamy   | Discuss date/time for meeting   |
| Nansemond Tribe  | 6/12/2018 | Email       | Agnes Ramsey, MVP Southgate | Stephen Adkins  | Meeting invitation  |
| Chickahominy Tribe   | 6/12/2018 | Call        | Agnes Ramsey, MVP Southgate | Dean Branhram   | Discuss date/time for meeting   |
| Monacan Nation   | 6/12/2018 | Call        | Agnes Ramsey, MVP Southgate | Frank Adams   | Discuss date/time for meeting   |
| Upper Mattaponi Tribe  | 6/14/2018 | Email       | Agnes Ramsey, MVP Southgate | Stephen Adkins  | Finalizing Meeting Date   |
| Chickahominy Tribe   | 6/14/2018 | Call; Email | Agnes Ramsey, MVP Southgate | Stephen Adkins  | Discuss date/time for meeting   |
| Chickahominy Tribe, Eastern Division                         | 6/14/2018 | Call        | Agnes Ramsey, MVP Southgate | Jerry Stewart   | Left Message in regards to meeting                                    |
| Chickahominy Tribe   | 6/25/2018 | Meeting     | Agnes Ramsey, MVP Southgate | Stephen Adkins  | Introductory Meeting; Chickahominy request further coordination       |
| Upper Mattaponi Tribe  | 6/25/2018 | Meeting     | Agnes Ramsey, MVP Southgate | Frank Adams   | Introductory Meeting; Upper Mattaponi request further coordination    |
| Nansemond Tribe  | 6/26/2018 | Conf. Call  | Agnes Ramsey, MVP Southgate | Lee Lockamy   | Introductory Meeting  |
| Monacan Nation   | 6/27/2018 | Conf. Call  | Agnes Ramsey, MVP Southgate | Dean Branhram   | Introductory Meeting  |
| Catawba Indian Nation  | 6/28/2018 | Meeting     | Agnes Ramsey, MVP Southgate | Wenonah G. Haire  | Brief Meeting to leave Southgate Materials                            |
| Eastern Band of Cherokee Indians                             | 6/29/2018 | Meeting     | Agnes Ramsey, MVP Southgate | Russell Townsend; Holly Austin; Miranda Panther; Johi Griffin; Beau Carroll | Brief Meeting to leave Southgate Materials                            |
| Chickahominy Tribe   | 6/29/2018 | Call        | Agnes Ramsey, MVP Southgate | Stephen Adkins  | Reminder call about Monday, June 25th meeting                         |
| Upper Mattaponi Tribe  | 6/29/2018 | Call        | Agnes Ramsey, MVP Southgate | William Frank Adams   | Reminder call for Monday morning meeting on June 25th.                |
| Chickahominy Tribe   | 7/11/2018 | Email       | Agnes Ramsey, MVP Southgate | Stephen Adkins  | Forward Work Plans for review and comment.                            |
| Delaware Nation, Oklahoma                                    | 7/11/2018 | Event       | Agnes Ramsey, MVP Southgate | Kim Penrod  | Forward Work Plans for review and comment.                            |
| Upper Mattaponi Tribe  | 7/11/2018 | Email       | Agnes Ramsey, MVP Southgate | William Frank Adams   | Forward Work Plans for review and comment.                            |
| Tuscarora Nation (Haudenosaunee)                             | 7/11/2018 | Email       | Agnes Ramsey, MVP Southgate | Bryan Printup   | Forward Work Plans for review and comment.                            |
| Cheyenne River Sioux Tribe                                   | 7/11/2018 | Email       | Agnes Ramsey, MVP Southgate | Steve Vance   | Forward Work Plans for review and comment.                            |
| Nansemond Tribe  | 7/11/2018 | Email       | Agnes Ramsey, MVP Southgate | Lee Lockamy   | Forward Work Plans for review and comment.                            |
| Monacan Nation   | 7/11/2018 | Email       | Agnes Ramsey, MVP Southgate | Dean Branhram   | Forward Work Plans for review and comment.                            |
| Muscogee (Creek) Nation                                      | 7/11/2018 | Email       | Agnes Ramsey, MVP Southgate | Rae Lynn Butler   | Forward Work Plans for review and comment.                            |
| Eastern Shawnee Tribe of Oklahoma                            | 7/11/2018 | Email       | Agnes Ramsey, MVP Southgate | Brett Barnes  | Forward Work Plans for review and comment.                            |
| Catawba Cultural Preservation Project;#Catawba Indian Nation | 7/11/2018 | Email       | Agnes Ramsey, MVP Southgate | Wenonah G. Haire & Caitlyn Tetherow   | Forward Work Plans for review and comment.                            |
| Rappahannock Tribe   | 7/11/2018 | Email       | Agnes Ramsey, MVP Southgate | Anne Richardson   | Forward Work Plans for review and comment.                            |
| Eastern Band of Cherokee Indians                             | 7/11/2018 | Email       | Agnes Ramsey, MVP Southgate | Russell Townsend  | Forward Work Plans for review and comment.                            |

MVP Southgate Project Coordination with Federally-Recognized Tribes. Updated through October 15, 2018

| Affiliation                           | Date       | Type        | Sender  | Recipient(s)                                  | Subject  |
|---------------------------------------|------------|-------------|---|---|--|
| Delaware Tribe of Indians             | 7/11/2018  | Email       | Agnes Ramsey, MVP Southgate                                 | Brice Obermeyer                               | Forward Work Plans for review and comment.   |
| Rosebud Sioux Tribe                   | 7/11/2018  | Email       | Agnes Ramsey, MVP Southgate                                 | Ben Rhodd & Benjamin Young                    | Forward Work Plans for review and comment.   |
| Catawba Indian Nation                 | 7/12/2018  | Email       | Caitlin Rogers  | MVP mailbox                                   | Catawba Nation wishes to be consulting party and to receive hard copies of project information.                            |
| Monacan Nation                        | 8/7/2018   | email       | Marion Werkheiser, Cultural Heritage Partners               | Agnes Ramsey, NextEra                         | introductory email from Ms. Werkheiser stating that her firm is representing Monacan Indian Nation regarding MVP Southgate |
| Monacan Nation                        | 8/9/2018   | call, email | Agnes Ramsey, NextEra                                       | Marion Werkheiser, Cultural Heritage Partners | coordinating upcoming call   |
| Monacan Nation                        | 8/15/2018  | call, email | Agnes Ramsey, NextEra                                       | Marion Werkheiser, Cultural Heritage Partners | introductory discussion regarding role of Ms. Werkheiser and interest of tribe in the project                              |
| Chickahominy Tribe                    | 8/21/2018  | Call        | Agnes Ramsey, MVP Southgate                                 | Stephen Adkins                                | Call to schedule follow-up meeting with Virginia tribes  |
| Upper Mattaponi Tribe                 | 8/31/2018  | Email       | Agnes Ramsey, MVP Southgate                                 | W. Frank Adams                                | availability of RR 4 and request for tribal comment  |
| Catawba Indian Nation                 | 8/31/2018  | Email       | Agnes Ramsey, MVP Southgate                                 | Wenonah G. Haire                              | availability of RR 4 and request for tribal comment  |
| Chickahominy Tribe                    | 8/31/2018  | Email       | Agnes Ramsey, MVP Southgate                                 | Stephen Adkins                                | availability of RR 4 and request for tribal comment  |
| Eastern Band of Cherokee Indians      | 8/31/2018  | Email       | Agnes Ramsey, MVP Southgate                                 | Russell Townsend                              | availability of RR 4 and request for tribal comment  |
| Monacan Nation                        | 8/31/2018  | Email       | Agnes Ramsey, MVP Southgate                                 | Dean Branharn                                 | availability of RR 4 and request for tribal comment  |
| Nansemond Tribe                       | 8/31/2018  | Email       | Agnes Ramsey, MVP Southgate                                 | Lee Lockamy                                   | availability of RR 4 and request for tribal comment  |
| Pamunkey Tribe                        | 8/31/2018  | Email       | Agnes Ramsey, MVP Southgate                                 | Robert Gray                                   | availability of RR 4 and request for tribal comment  |
| Rappahannock Tribe                    | 8/31/2018  | Email       | Agnes Ramsey, MVP Southgate                                 | Anne Richardson                               | availability of RR 4 and request for tribal comment  |
| Muscogee (Creek) Nation               | 8/31/2018  | Email       | Agnes Ramsey, MVP Southgate                                 | LeeAnne Wendt                                 | availability of RR 4 and request for tribal comment  |
| Rosebud Sioux Tribe                   | 8/31/2018  | Email       | Agnes Ramsey, MVP Southgate                                 | Ben Rhodd                                     | availability of RR 4 and request for tribal comment  |
| Tuscarora Nation (Haudenosaunee)      | 8/31/2018  | Email       | Agnes Ramsey, MVP Southgate                                 | Bryan Printup                                 | availability of RR 4 and request for tribal comment  |
| Rosebud Sioux Tribe                   | 8/31/2018  | Email       | Agnes Ramsey, MVP Southgate                                 | Benjamin Young                                | availability of RR 4 and request for tribal comment  |
| Eastern Shawnee Tribe of Oklahoma     | 8/31/2018  | Email       | Agnes Ramsey, MVP Southgate                                 | Brett Barnes                                  | availability of RR 4 and request for tribal comment  |
| Delaware Nation                       | 8/31/2018  | Email       | Agnes Ramsey, MVP Southgate                                 | Kim Penrod                                    | availability of RR 4 and request for tribal comment  |
| Cheyenne River Sioux Tribe            | 8/31/2018  | Email       | Agnes Ramsey, MVP Southgate                                 | Steve Vance                                   | availability of RR 4 and request for tribal comment  |
| Cherokee Nation of Oklahoma           | 8/31/2018  | Email       | Agnes Ramsey, MVP Southgate                                 | Elizabeth Toombs                              | availability of RR 4 and request for tribal comment  |
| Catawba Indian Nation                 | 9/5/2018   | letter      | Alex Miller, MVP Southgate                                  | Wenonah G. Haire                              | transmitting hard copy of RR4  |
| Chickahominy Tribe                    | 9/6/2018   | meeting     | Agnes Ramsey, MVP Southgate                                 | Tribal representative                         | presented information to tribal representatives  |
| Chickahominy Tribe (Eastern Division) | 9/6/2018   | meeting     | Agnes Ramsey, MVP Southgate                                 | Tribal representative                         | presented information to tribal representatives  |
| Nansemond Tribe                       | 9/6/2018   | meeting     | Agnes Ramsey, MVP Southgate                                 | Tribal representative                         | presented information to tribal representatives  |
| Rappahannock Tribe                    | 9/6/2018   | meeting     | Agnes Ramsey, MVP Southgate                                 | Tribal representative                         | presented information to tribal representatives  |
| Upper Mattaponi Tribe                 | 9/6/2018   | meeting     | Agnes Ramsey, MVP Southgate                                 | Tribal representative                         | presented information to tribal representatives  |
| Catawba Indian Nation                 | 9/28/2018  | letter      | Wenonah G. Haire/Caitlin Rogers                             | Alex Miller, MVP Southgate                    | No immediate concerns; notify tribe if artifacts or human remains are discovered   |
| Catawba Indian Nation                 | 9/28/2018  | email       | Agnes Ramsey, MVP Southgate                                 | Caitlin Rogers                                | Thank you for comments   |
| Monacan Nation                        | 10/9/2018  | call        | Marion Werkheiser/Ellen Chapman, Cultural Heritage Partners | Agnes Ramsey, MVP Southgate                   | Monacan are interested in all Virginia counties; would like continued discussion and updated route maps                    |
| Eastern Band of Cherokee Indians      | 10/15/2018 | email       | Stephen Yerka, EBCI THPO                                    | Agnes Ramsey, MVP Southgate                   | EBCI defer to other tribes and SHPOs   |



625 Liberty Avenue, Suite 1700 | Pittsburgh, PA 15222  
833-MV-SOUTH | mail@mvp-southgate.com  
www.mvp-southgate.com

September 5, 2018

Dr. Wenonah Haire  
THPO  
Catawba Indian Nation  
1536 Tom Steven Road  
Rock Hill, SC 29730  
RE: MVP Southgate Project, Virginia and North Carolina.

Via FedEx

Dear Dr. Haire:

As requested, we are pleased to provide you with hard and digital copies of the pre-filing draft of MVP Southgate Project Resource Report 4, which was filed with the FERC on August 13, 2018. Please note that this version of Resource Report 4 includes some pages marked CUI//PRIV that contain sensitive cultural resource information and were omitted from the publically filed document.

We look forward to your review of this material, including the Project Unanticipated Discoveries Plan. Please don't hesitate to contact me at (713) 374-1599 or via email at [alex.miller@nee.com](mailto:alex.miller@nee.com), or Paul Webb of TRC at (919) 530-8446 x222 or via email at [pwebb@trcsolutions.com](mailto:pwebb@trcsolutions.com), with any questions or concerns that you or your staff might have.

Sincerely,

A handwritten signature in blue ink that reads "Alex V. Miller".

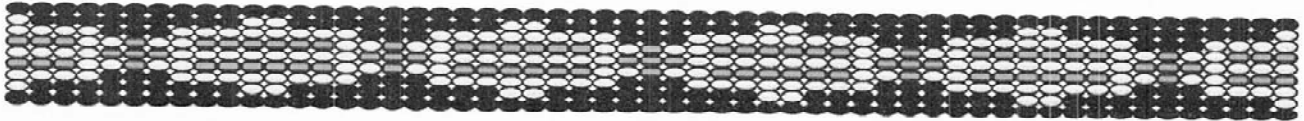
Alex V. Miller  
Environmental Specialist  
MVP Southgate

cc:  
Paul Webb, TRC

Attachments:  
1) MVP Southgate Project - Resource Report 4 pre-filing draft

Catawba Indian Nation  
Tribal Historic Preservation Office  
1536 Tom Steven Road  
Rock Hill, South Carolina 29730

Office 803-328-2427  
Fax 803-328-5791



September 28, 2018

Attention: Alex V. Miller  
MVP Southgate  
625 Liberty Avenue, Suite 1700  
Pittsburgh, PA 15222

| Re. THPO #  | TCNS # | Project Description  |
|-------------|--------|--|
| 2018-1055-2 |        | Profiling draft of MVP Southgate Project Resource Report 4 |

Dear Mr. Miller,

The Catawba have no immediate concerns with regard to traditional cultural properties, sacred sites or Native American archaeological sites within the boundaries of the proposed project areas. **However, the Catawba are to be notified if Native American artifacts and / or human remains are located during the ground disturbance phase of this project.**

If you have questions please contact Caitlin Rogers at 803-328-2427 ext. 226, or e-mail [cailinh@ccppcrafts.com](mailto:cailinh@ccppcrafts.com).

Sincerely,

Wenonah G. Haire  
Tribal Historic Preservation Officer

**From:** Ramsey, Agnes  
**To:** [Caitlin Haire \(caitlinh@ccppcrafts.com\)](mailto:caitlinh@ccppcrafts.com)  
**Cc:** [Miller, Alex](#); [Webb, Paul](#)  
**Subject:** MVP Southgate  
**Date:** Friday, September 28, 2018 12:29:11 PM

---

Caitlin,

Thank you for forwarding the Concurrence Letter on MVP Southgate. We really appreciate the time and effort that you put into your review.

*Agnes S. Ramsey*

Project Manager - Tribal Relations

NextEra Energy

Phone (561) 691-2820

Cell (561) 385-9018

## Webb, Paul

---

**From:** Miller, Alex <Alex.Miller@nexteraenergy.com>  
**Sent:** Monday, October 15, 2018 7:17 PM  
**To:** Webb, Paul  
**Subject:** Fwd: MVP Southgate Update

FYI

----- Forwarded message -----

From: "**Stephen Yerka**" <[syerka@nc-chokeee.com](mailto:syerka@nc-chokeee.com)>  
Date: Mon, Oct 15, 2018 at 6:15 PM -0400  
Subject: RE: MVP Southgate Update  
To: "Ramsey, Agnes" <[Agnes.Ramsey@nexteraenergy.com](mailto:Agnes.Ramsey@nexteraenergy.com)>, "Russell Townsend" <[RussellT@nc-chokeee.com](mailto:RussellT@nc-chokeee.com)>  
Cc: "Miller, Alex" <[Alex.Miller@nexteraenergy.com](mailto:Alex.Miller@nexteraenergy.com)>

### CAUTION - EXTERNAL EMAIL

Dear Agnes,

Thank you for contacting the Eastern Band of Cherokee Indians, Tribal Historic Preservation Office (EBCI THPO) to engage in communications early in the process of planning for the Southgate project extension for the MVP. After following the link to your website to find the location of the projects, I can confirm that the counties: Pittsylvania, VA; Rockingham, NC; and Alamance, NC are outside of the designated Traditional Territory for the EBCI THPO. As such we will differ to the appropriate SHPOs and Native groups that have an interest in the project. If no other Tribal entities elect to participate in consultation, please let us know and we may choose to rejoin the consultation process as the project moves forward. If the project locations are modified or are discovered to be in additional counties please contact our office to potentially reinstate consultation. Of primary concern to the EBCI THPO is that the remains of Native people are not disturbed. Thank you again for the opportunity to participate in this process.

Have you already contacted the Cherokee Nation and United Keetoowah Band of Cherokee Indians? While the extent of the boundary that the EBCI THPO is very similar to the extent of those Nations, there are some minor differences since the perimeters are generally delineated by modern county political boundaries.

Thank you,  
Stephen

Stephen J. Yerka  
Historic Preservation Specialist, THPO  
Eastern Band of Cherokee Indians (<https://ebci.com/>)  
[syerka@nc-chokeee.com](mailto:syerka@nc-chokeee.com)  
(828) 359-6852



---

Stephen J. Yerka  
Historic Preservation Specialist, THPO

Eastern Band of Cherokee Indians (<https://ebci.com/>)  
syerka@nc-chokeee.com  
(828) 359-6852

-----Original Message-----

From: Stephen Yerka  
Sent: Friday, June 29, 2018 11:42 AM  
To: agnes.ramsey@NEE.com  
Subject: Contact information

Hi Agnes,  
It was so nice meeting you! Spatial data for the South Gate project please.  
Thank you,  
Stephen

Stephen Yerka  
Historic Preservation Specialist  
THPO, EBCI  
(828) 359-6852

**From:** Ramsey, Agnes <Agnes.Ramsey@nexteraenergy.com>  
**Sent:** Thursday, August 30, 2018 1:17 PM  
**To:** Russell Townsend <RussellT@nc-chokeee.com>; Miranda Panther <mirapant@nc-chokeee.com>; Stephen Yerka <syerka@nc-chokeee.com>  
**Cc:** Miller, Alex <Alex.Miller@nexteraenergy.com>  
**Subject:** MVP Southgate Update

Russ, Miranda and Stephen,

MVP Southgate is requesting your review and comment on our draft resource reports, as they pertain to the Eastern Band of Cherokee's area of interest, within the next couple weeks. This will allow us to address concerns prior to filing our application to the Federal Energy Regulatory Commission (FERC) in early November. For public convenience, the resource reports were placed on our company webpage: <http://www.mvpsouthgate.com/news-info/>. They can also be found in the FERC eLibrary on the MVP Southgate docket [PF18-4-000](#).

Please feel free to reach out to me at [agnes.ramsey@nee.com](mailto:agnes.ramsey@nee.com) or 561-691-2820, or you can contact my colleague, Alex Miller at [alex.miller@nee.com](mailto:alex.miller@nee.com) or 713-374-1599, with any questions or concerns you have while performing your review.

Thank you in advance for your time,

*Agnes S. Ramsey*  
Project Manager - Tribal Relations  
NextEra Energy  
Phone (561) 691-2820  
Cell (561) 385-9018



## **Other Cultural Correspondence**

MVP Southgate Project Other Cultural Resource Agency Coordination. Updated through October 15, 2018

| Affiliation   | Date      | Type        | Sender                           | Recipient   | Subject  |
|---|-----------|-------------|----------------------------------|---|--|
| City of Danville (CLG)  | 7/16/2018 | letter      | Alex Miller, MVP Southgate       | Kenneth C. Gillie, Jr., Director of Community Development | Project introduction package and request for comment           |
| Town of Eden (CLG)  | 7/16/2018 | letter      | Alex Miller, MVP Southgate       | Debra Galloway, Planner                                   | Project introduction package and request for comment           |
| Alamance County Historical Properties Commission (CLG)                                      | 7/16/2018 | letter      | Alex Miller, MVP Southgate       | Jessica Dockery, Planner                                  | Project introduction package and request for comment           |
| Pittsylvania Historical Society   | 7/16/2018 | letter      | Alex Miller, MVP Southgate       | Larry Aaron, President                                    | Project introduction package and request for comment           |
| Rockingham County Historical Society  | 7/16/2018 | letter      | Alex Miller, MVP Southgate       | Jordan Rossi, Executive Director                          | Project introduction package and request for comment           |
| Alamance County Historical Museum   | 7/16/2018 | letter      | Alex Miller, MVP Southgate       | Dr. William Murray Vincent, Director                      | Project introduction package and request for comment           |
| Textile Heritage Museum   | 7/16/2018 | letter      | Alex Miller, MVP Southgate       | Jerri Nail  | Project introduction package and request for comment           |
| Haw River Historical Association Museum   | 7/16/2018 | letter      | Alex Miller, MVP Southgate       | Gail Knauff, Director                                     | Project introduction package and request for comment           |
| Graham Historical Museum  | 7/16/2018 | letter      | Alex Miller, MVP Southgate       | Jeanette Beaudry, Chair                                   | Project introduction package and request for comment           |
| Mebane Historical Society and Museum  | 7/16/2018 | letter      | Alex Miller, MVP Southgate       | Traci Davenport   | Project introduction package and request for comment           |
| Graham Historical Museum  | 7/21/2018 | email       | Elaine Murrin                    | Alex Miller, MVP Southgate                                | Thank you for materials; updated contact information           |
| Pittsylvania Historical Society   | 7/21/2018 | email       | Mary Plaster                     | Paul Webb, TRC  | Request for more detailed mapping; updated contact information |
| Graham Historical Museum  | 7/23/2018 | email       | Paul Webb, TRC                   | Elaine Murrin   | Acknowledgment of contact change; website info                 |
| Pittsylvania Historical Society   | 7/24/2018 | phone call  | Paul Webb, TRC                   | Mary Plaster  | Acknowledge contact change, appreciate interest                |
| Pittsylvania Historical Society   | 7/24/2018 | email       | Paul Webb, TRC                   | Mary Plaster  | Mapping is on website  |
| Alamance County Historical Properties Commission (CLG)                                      | 7/30/2018 | email       | Katherine Liles                  | Paul Webb, TRC  | Interested in commenting; request GIS layer                    |
| Alamance County Historical Properties Commission (CLG)                                      | 7/31/2018 | email       | Paul Webb, TRC                   | Katherine Liles   | Best available mapping is on website                           |
| Alamance County Historical Properties Commission (CLG)                                      | 7/31/2018 | email       | Marlena Isley                    | Paul Webb, TRC  | Request GIS shapefile of Alamance County portion of route      |
| Alamance County Historical Properties Commission (CLG)                                      | 8/3/2018  | phone calls | Alex Miller, MVP Southgate       | Marlena Isley   | MVP Southgate to provide requested shapefile                   |
| Alamance County Historical Properties Commission (CLG)                                      | 8/3/2018  | email       | Alex Miller, MVP Southgate       | Marlena Isley   | MPV Southgate providing shapefiles                             |
| Haw River Historical Association Museum   | 8/7/2018  | letter      | Alex Miller, MVP Southgate       | Buddy Boggs   | resending project introduction package                         |
| Rockingham County Historical Society  | 8/7/2018  | letter      | Alex Miller, MVP Southgate       | Jordan Rossi, Executive Director                          | resending project introduction package                         |
| Pittsylvania Historical Society   | 8/17/2018 | email       | Paul Webb, TRC                   | Mary Plaster  | Follow-up email inquiring progress of map review               |
| Virginia-North Carolina Piedmont Genealogical Society                                       | 8/19/2018 | letter      | Alex Miller, MVP Southgate       | Diane Barbour, President                                  | Project introduction package and request for comment           |
| Afro-American Historical and Genealogical Society of North Carolina, Piedmont Triad Chapter | 8/21/2018 | letter      | Alex Miller, MVP Southgate       | Piedmont Triad Chapter                                    | Project introduction package and request for comment           |
| Rockingham County Historical Society  | 9/5/2018  | letter      | Alex Miller, MVP Southgate       | Jordan Rossi, Executive Director                          | resending project introduction package                         |
| Rockingham County Historical Society  | 10/2/2018 | voicemail   | Jordan Rossi, Executive Director | Alex Miller, Paul Webb, MVP Southgate                     | request for more detailed mapping                              |
| Rockingham County Historical Society  | 10/3/2018 | email       | Paul Webb, TRC                   | Jordan Rossi, Executive Director                          | transmitting more detailed mapping                             |
| Rockingham County Historical Society  | 10/4/2018 | email       | Jordan Rossi, Executive Director | Paul Webb, TRC  | acknowledging receipt of mapping                               |

## Webb, Paul

---

**From:** Miller, Alex <Alex.Miller@nexteraenergy.com>  
**Sent:** Friday, August 03, 2018 4:50 PM  
**To:** Marlana Isley  
**Cc:** Webb, Paul; Katherine Liles  
**Subject:** RE: MVP Southgate  
**Attachments:** a0000000a.gdbindexes; a0000000a.gdbtable; a0000000a.gdbtblx; a0000000a.spx; a0000000b.FDO\_globalid.atx; a0000000b.gdbindexes; a0000000b.gdbtable; a0000000b.gdbtblx; a0000000b.spx; a00000001.freelist; a00000001.gdbindexes; a00000001.gdbtable; a00000001.gdbtblx; a00000001.TablesByName.atx; a00000002.gdbtable; a00000002.gdbtblx; a00000003.gdbindexes; a00000003.gdbtable; a00000003.gdbtblx; a00000004.CatItemsByPhysicalName.atx; a00000004.CatItemsByType.atx; a00000004.FDO\_UUID.atx; a00000004.freelist; a00000004.gdbindexes; a00000004.gdbtable; a00000004.gdbtblx; a00000004.spx; a00000005.CatItemTypesByName.atx; a00000005.CatItemTypesByParentTypeID.atx; a00000005.CatItemTypesByUUID.atx; a00000005.gdbindexes; a00000005.gdbtable; a00000005.gdbtblx; a00000006.CatRelsByDestinationID.atx; a00000006.CatRelsByOriginID.atx; a00000006.CatRelsByType.atx; a00000006.FDO\_UUID.atx; a00000006.freelist; a00000006.gdbindexes; a00000006.gdbtable; a00000006.gdbtblx; a00000007.CatRelTypesByBackwardLabel.atx; a00000007.CatRelTypesByDestItemTypeID.atx; a00000007.CatRelTypesByForwardLabel.atx; a00000007.CatRelTypesByName.atx; a00000007.CatRelTypesByOriginItemTypeID.atx; a00000007.CatRelTypesByUUID.atx; a00000007.gdbindexes; a00000007.gdbtable; a00000007.gdbtblx; gdb; timestamps

I pulled out the contents from the file. Please confirm you received them.

---

**From:** Marlana Isley <Marlena.Isley@alamance-nc.com>  
**Sent:** Friday, August 3, 2018 3:39 PM  
**To:** Miller, Alex <Alex.Miller@nexteraenergy.com>  
**Cc:** 'Webb, Paul' <PWebb@trcsolutions.com>; Katherine Liles <Katherine.Liles@alamance-nc.com>  
**Subject:** RE: MVP Southgate

Hi Alex,  
Thank you for sending the files. However, our email stripped the zip file. Can you un-zip and please resend the file?

v/r,  
Marlena

---

**From:** Miller, Alex [<mailto:Alex.Miller@nexteraenergy.com>]  
**Sent:** Friday, August 03, 2018 4:24 PM  
**To:** Marlana Isley <[Marlena.Isley@alamance-nc.com](mailto:Marlena.Isley@alamance-nc.com)>  
**Cc:** 'Webb, Paul' <[PWebb@trcsolutions.com](mailto:PWebb@trcsolutions.com)>; Katherine Liles <[Katherine.Liles@alamance-nc.com](mailto:Katherine.Liles@alamance-nc.com)>  
**Subject:** RE: MVP Southgate

**CAUTION:** This email originated outside Alamance County's email system.  
Please be careful when clicking on links or opening attachments.

Hi Ms. Isley,

Thank you in advance for your review; please find the attached zip drive that includes shapefiles of our currently proposed route. As discussed, this route is subject to change and intended for the use of your office only. I look forward to connecting with you on Monday morning.

Have a great weekend,

Alex V. Miller  
MVP Southgate Environmental Permitting Lead  
Gas Infrastructure | **NEXtera** Energy Resources, LLC  
O: 713.374.1599 C: 713.204.3729  
[Alex.Miller@NextEraEnergy.com](mailto:Alex.Miller@NextEraEnergy.com)



---

**From:** Marlana Isley <[Marlena.Isley@alamance-nc.com](mailto:Marlena.Isley@alamance-nc.com)>  
**Sent:** Tuesday, July 31, 2018 2:11 PM  
**To:** 'Webb, Paul' <[PWebb@trcsolutions.com](mailto:PWebb@trcsolutions.com)>; Katherine Liles <[Katherine.Liles@alamance-nc.com](mailto:Katherine.Liles@alamance-nc.com)>; Miller, Alex <[Alex.Miller@nexteraenergy.com](mailto:Alex.Miller@nexteraenergy.com)>  
**Cc:** Teresa Harvey <[Teresa.Harvey@alamance-nc.com](mailto:Teresa.Harvey@alamance-nc.com)>; Sherry Hook <[Sherry.Hook@alamance-nc.com](mailto:Sherry.Hook@alamance-nc.com)>; Katie Harper <[Katie.Harper@alamance-nc.com](mailto:Katie.Harper@alamance-nc.com)>  
**Subject:** RE: MVP Southgate

CAUTION - EXTERNAL EMAIL

Hi Paul,

Is there a shapefile, feature class, or gis service layer of the Proposed Route? The online map does not include parcels which would help considerably to know which sites will be impacted. Katherine can be reached at 336-570-4052 or I can be reached 336-570-4102.

**Very Respectfully,**  
**Marlena Isley, GISP**  
**GIS Director | Alamance County**  
124 West Elm Street, Graham, NC 27253  
336 570-4102 (office) | 336 266-2001 (cell)  
[Marlena.isley@alamance-nc.com](mailto:Marlena.isley@alamance-nc.com) | <http://www.alamance-nc.com/>

---

**From:** Webb, Paul [<mailto:PWebb@trcsolutions.com>]  
**Sent:** Tuesday, July 31, 2018 3:04 PM  
**To:** Katherine Liles <[Katherine.Liles@alamance-nc.com](mailto:Katherine.Liles@alamance-nc.com)>; [alex.miller@nee.com](mailto:alex.miller@nee.com)  
**Cc:** Teresa Harvey <[Teresa.Harvey@alamance-nc.com](mailto:Teresa.Harvey@alamance-nc.com)>; Sherry Hook <[Sherry.Hook@alamance-nc.com](mailto:Sherry.Hook@alamance-nc.com)>; Marlana Isley <[Marlena.Isley@alamance-nc.com](mailto:Marlena.Isley@alamance-nc.com)>; Katie Harper <[Katie.Harper@alamance-nc.com](mailto:Katie.Harper@alamance-nc.com)>  
**Subject:** RE: MVP Southgate

**CAUTION:** *This email originated outside Alamance County's email system.  
Please be careful when clicking on links or opening attachments.*

Dear Ms. Liles –

Thanks very much for your response; we very appreciate your interest in the MVP Southgate Project.

The best available mapping is on the project website - <http://www.mvpsouthgate.com/>; if you go to the maps page - <http://www.mvpsouthgate.com/maps/> - there is a scalable map of the route; you can zoom in and out and also change the background to an aerial photograph.

Hopefully this be useful as you look at the project in relation to historic properties. If you'd like more information or to discuss your concerns, please pass along a phone number and Alex Miller or I will give you a call.

Thanks,

Paul Webb  
Cultural Resources Program Leader



50101 Governors Drive, Suite 250, Chapel Hill, NC 27517  
T: 919.530.8446 x222 | F: 919.530.8525 | C: 919.414.3418

Follow us on [LinkedIn](#) or [Twitter](#) | [www.trcsolutions.com](http://www.trcsolutions.com)

---

**From:** Katherine Liles [<mailto:Katherine.Liles@alamance-nc.com>]  
**Sent:** Monday, July 30, 2018 10:51 AM  
**To:** Webb, Paul <[PWebb@trcsolutions.com](mailto:PWebb@trcsolutions.com)>; [alex.miller@nee.com](mailto:alex.miller@nee.com)  
**Cc:** Teresa Harvey <[Teresa.Harvey@alamance-nc.com](mailto:Teresa.Harvey@alamance-nc.com)>; Sherry Hook <[Sherry.Hook@alamance-nc.com](mailto:Sherry.Hook@alamance-nc.com)>; Marlana Isley <[Marlana.Isley@alamance-nc.com](mailto:Marlana.Isley@alamance-nc.com)>; Katie Harper <[Katie.Harper@alamance-nc.com](mailto:Katie.Harper@alamance-nc.com)>  
**Subject:** MVP Southgate

Good Morning,

Alamance County is in receipt of your letter of July 6<sup>th</sup> containing initial information to request input on the proposed pipeline's potential for historic impacts within the planning area. Alamance County does contain significant cultural resources and we would like to ensure that we participate in the siting process to ensure their protection.

The attached map is very generic and it would be difficult to use for planning purposes. Could you send us a GIS layer for Alamance County with your project planning area? This would help us better match data which would provide for more meaningful input.

Thank you,  
Kathy Liles  
Interim Planning Director



625 Liberty Avenue, Suite 1700 | Pittsburgh, PA 15222  
833-MV-SOUTH | mail@mvpsouthgate.com  
www.mvpsouthgate.com

August 7, 2018

Mr. Buddy Boggs  
Haw River Historical Association Museum  
PO Box 103  
Haw River, NC 27258

RE: MVP Southgate Project, Alamance County, North Carolina

Dear Mr. Boggs:

The purpose of this letter is to provide initial information to the Haw River Historical Association Museum regarding the proposed MVP Southgate Project (Project) and to request input regarding the Project from your organization under the provisions of the National Historic Preservation Act (NHPA, 54 U.S.C. 300101 et seq.) and its implementing regulations (36 CFR Part 800 [Protection of Historic Properties]).

Mountain Valley Pipeline, LLC ("Mountain Valley") is seeking a Certificate of Public Convenience and Necessity from the Federal Energy Regulatory Commission pursuant to Section 7(c) of the Natural Gas Act to construct and operate the Project. The Project will be located in Pittsylvania County, Virginia and Rockingham and Alamance counties, North Carolina (Attachment 1). Mountain Valley proposes to construct approximately 72 miles of 24-inch-diameter natural gas pipeline to provide timely, cost-effective access to new natural gas supplies to meet the growing needs of natural gas users in the southeastern United States.

On May 3, 2018, Mountain Valley filed a request with the Federal Energy Regulatory Commission ("FERC") to use the National Environmental Policy Act pre-filing process ("Pre-filing Process") for the MVP Southgate Project and the FERC issued a Pre-Filing docket number (PF18-4-000) to place information related to the Project into the public record. On May 15, 2018, the FERC granted Mountain Valley's Pre-Filing request. The Pre-filing Process provides all stakeholders (including federal, state and local agencies, landowners, and local citizens) the opportunity for early cooperation and involvement in evaluating the project prior to filing a formal application with the FERC. Following the Pre-filing Process, Mountain Valley will file a formal application for review and approval from the FERC, and numerous other agencies. The permit proceedings, which will be conducted by these agencies, will provide additional opportunity for public input and involvement. The FERC application is currently targeted to be filed in November 2018. All other federal agency applications are planned to be filed in a similar time frame.

In North Carolina, the proposed Project facilities include approximately 26 and 20 miles of 24-inch-diameter natural gas pipeline in Rockingham and Alamance County, respectively. Aboveground facilities in Rockingham County include the Russell Compressor Station in Rockingham County, a pig launcher, two mainline valves, and two meter stations. In Alamance County, the aboveground facilities include a pig receiver, three mainline valves, and one meter station.

The Project cultural resource investigations in North Carolina will be conducted in accordance with federal and state regulations, including the FERC Office of Energy Projects' Guidelines for Reporting on Cultural Resources Investigations for Natural Gas Projects (2017) and Guidance Manual for Environmental Report Preparation (2017), (36 CFR Part 800, Protection of Historic Properties), the Secretary of the Interior's Standards and Guidelines for Archaeology and Historic Preservation (36 CFR Part 61), and the North Carolina State Historic Preservation Office's Archaeological Investigations Standards and Guidelines (2017), Architectural Survey Manual (2008), and Report Standards for

Historic Structure Survey Reports/Determinations of Eligibility/Section 106/110 Compliance Reports in North Carolina.

Via this letter, we would like to solicit any information that your organization may have regarding cultural resources that could potentially be affected by the project or regarding any other concerns that you might have. Please feel free to contact me at (713) 374-1599 or via email at [alex.miller@nee.com](mailto:alex.miller@nee.com). Paul Webb of TRC will be coordinating the cultural resource compliance activities for the Project, and can be reached at (919) 530-8446 x222 or via email at [pwebb@trcsolutions.com](mailto:pwebb@trcsolutions.com).

Thank you for your time and consideration. We look forward to receiving any input that you might have.

Sincerely,



Alex V. Miller  
Environmental Specialist  
MVP Southgate

cc:

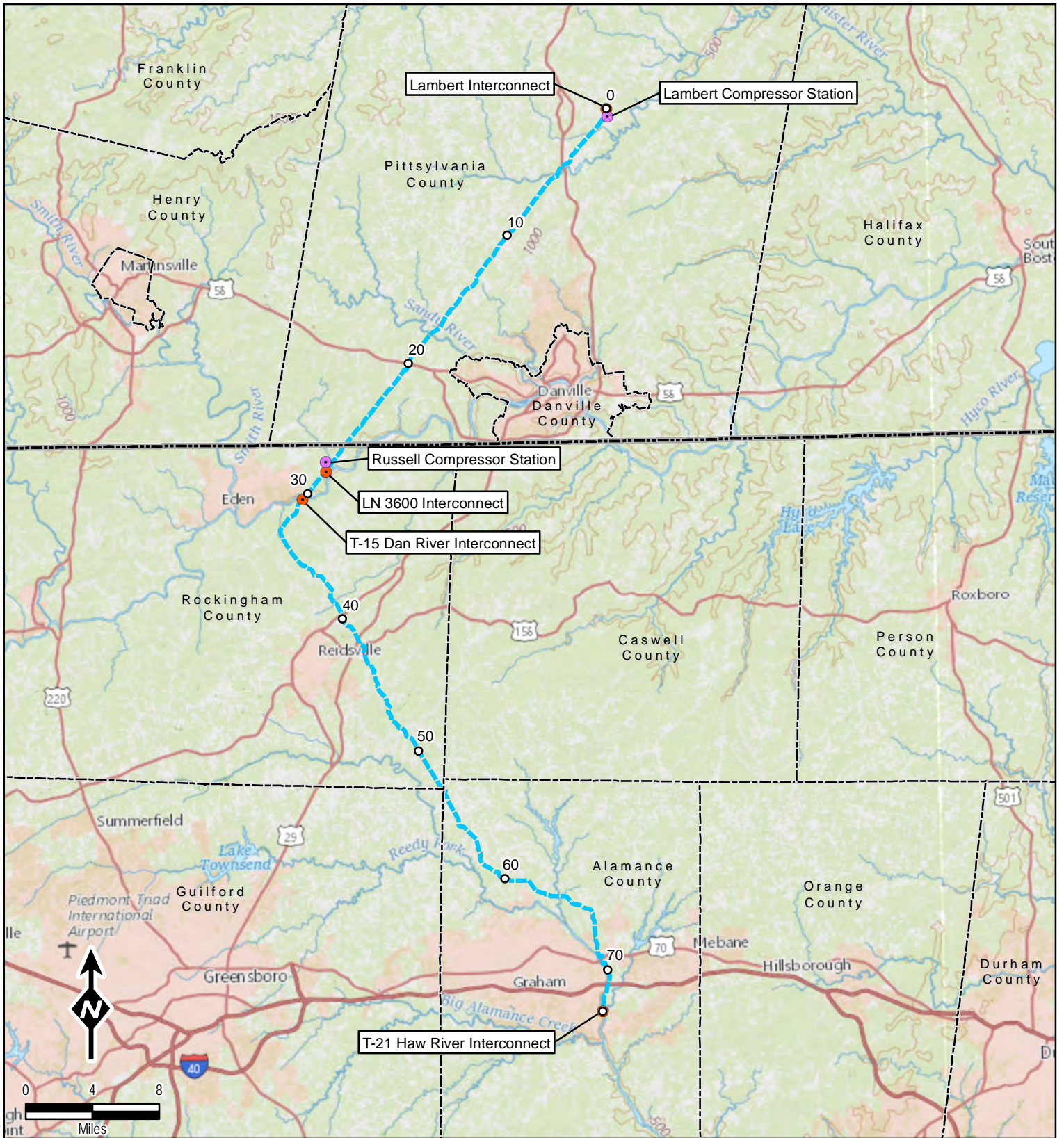
Richard W. Estabrook MVP Southgate  
John Zimmer, TRC  
Paul Webb, TRC

Attachment:

1) Project Location Map







**Legend**

- Proposed Pipeline Route
- Mileposts
- Compressor Station
- Meter Station
- County Boundary
- State Boundary

**Data Sources:** ESRI, USGS, TRC, EQT

1 inch = 8 miles  
When Printed 8.5x11

**Mountain Valley**  
PIPELINE, LLC

**Project Overview**  
Map

**TRC**  
Results you can rely on

600 Willowbrook Ln  
West Chester, PA 19382

S:\1-PROJECTS\NEXT\A\300423\_MVP\_Southgate\Agency\_Consult\_Project\_Overview.mxd





625 Liberty Avenue, Suite 1700 | Pittsburgh, PA 15222  
833-MV-SOUTH | mail@mvpsouthgate.com  
www.mvpsouthgate.com

August 7, 2018

Ms. Jordan Rossi  
Executive Director  
Rockingham County Historical Society  
1086 NC Highway 65  
Reidsville, NC 27320

RE: MVP Southgate Project, Rockingham County, North Carolina

Dear Ms. Rossi:

The purpose of this letter is to provide initial information to the Rockingham County Historical Society regarding the proposed MVP Southgate Project (Project) and to request input regarding the Project from your organization under the provisions of the National Historic Preservation Act (NHPA, 54 U.S.C. 300101 et seq.) and its implementing regulations (36 CFR Part 800 [Protection of Historic Properties]).

Mountain Valley Pipeline, LLC ("Mountain Valley") is seeking a Certificate of Public Convenience and Necessity from the Federal Energy Regulatory Commission pursuant to Section 7(c) of the Natural Gas Act to construct and operate the Project. The Project will be located in Pittsylvania County, Virginia and Rockingham and Alamance counties, North Carolina (Attachment 1). Mountain Valley proposes to construct approximately 72 miles of 24-inch-diameter natural gas pipeline to provide timely, cost-effective access to new natural gas supplies to meet the growing needs of natural gas users in the southeastern United States.

On May 3, 2018, Mountain Valley filed a request with the Federal Energy Regulatory Commission ("FERC") to use the National Environmental Policy Act pre-filing process ("Pre-filing Process") for the MVP Southgate Project and the FERC issued a Pre-Filing docket number (PF18-4-000) to place information related to the Project into the public record. On May 15, 2018, the FERC granted Mountain Valley's Pre-Filing request. The Pre-filing Process provides all stakeholders (including federal, state and local agencies, landowners, and local citizens) the opportunity for early cooperation and involvement in evaluating the project prior to filing a formal application with the FERC. Following the Pre-filing Process, Mountain Valley will file a formal application for review and approval from the FERC, and numerous other agencies. The permit proceedings, which will be conducted by these agencies, will provide additional opportunity for public input and involvement. The FERC application is currently targeted to be filed in November 2018. All other federal agency applications are planned to be filed in a similar time frame.

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The Project cultural resource investigations in North Carolina will be conducted in accordance with federal and state regulations, including the FERC Office of Energy Projects' Guidelines for Reporting on Cultural Resources Investigations for Natural Gas Projects (2017) and Guidance Manual for Environmental Report Preparation (2017), (36 CFR Part 800, Protection of Historic Properties), the Secretary of the Interior's Standards and Guidelines for Archaeology and Historic Preservation (36 CFR Part 61), and the North Carolina State Historic Preservation Office's Archaeological Investigations Standards and Guidelines (2017), Architectural Survey Manual (2008), and Report Standards for

Historic Structure Survey Reports/Determinations of Eligibility/Section 106/110 Compliance Reports in North Carolina.

Via this letter, we would like to solicit any information that your organization may have regarding cultural resources that could potentially be affected by the project or regarding any other concerns that you might have. Please feel free to contact me at (713) 374-1599 or via email at [alex.miller@nee.com](mailto:alex.miller@nee.com). Paul Webb of TRC will be coordinating the cultural resource compliance activities for the Project, and can be reached at (919) 530-8446 x222 or via email at [pwebb@trcsolutions.com](mailto:pwebb@trcsolutions.com).

Thank you for your time and consideration. We look forward to receiving any input that you might have.

Sincerely,



Alex V. Miller  
Environmental Specialist  
MVP Southgate

cc:

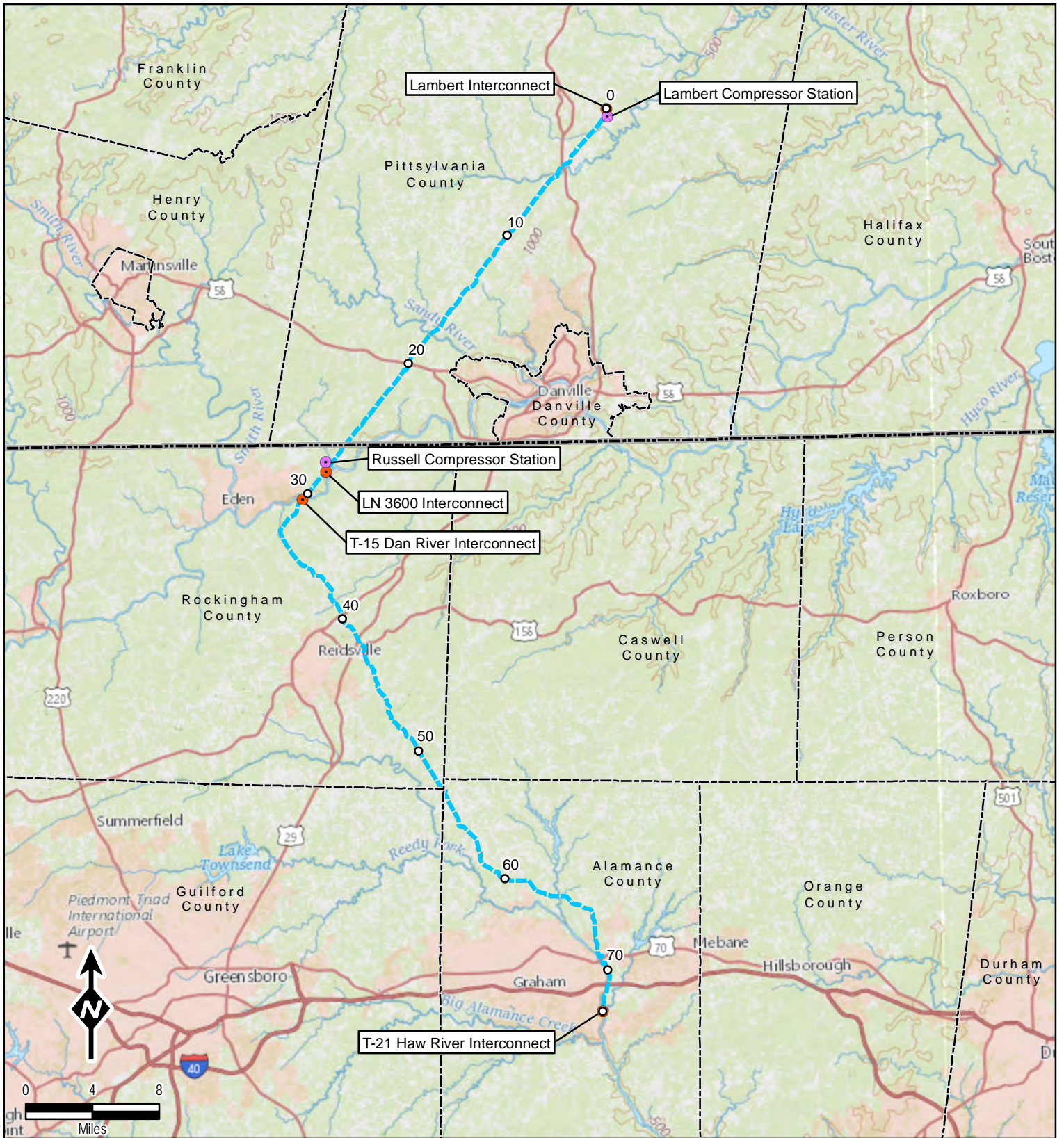
Richard W. Estabrook MVP Southgate  
John Zimmer, TRC  
Paul Webb, TRC

Attachment:

1) Project Location Map







**Legend**

- - - Proposed Pipeline Route
- Mileposts
- Compressor Station
- Meter Station
- - - County Boundary
- - - State Boundary

**Data Sources:** ESRI, USGS, TRC, EQT

1 inch = 8 miles  
When Printed 8.5x11

**Mountain Valley**  
PIPELINE, LLC

**Project Overview**  
Map

**TRC**  
Results you can rely on

600 Willowbrook Ln  
West Chester, PA 19382

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## Webb, Paul

---

**From:** Webb, Paul  
**Sent:** Friday, August 17, 2018 1:55 PM  
**To:** marycp5@verizon.net  
**Subject:** FW: MVP southgate project location map

Dear Ms. Plaster –

I hope all is well with you; I just wanted to check and see if you had the information that you needed for the Society's review.

Also, if you are interested we can try to arrange to have someone from the project attend to provide an overview and answer any questions, just let me know.

Thanks,

Paul Webb  
Cultural Resources Program Leader



50101 Governors Drive, Suite 250, Chapel Hill, NC 27517  
T: 919.530.8446 x222 | F: 919.530.8525 | C: 919.414.3418

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**From:** Webb, Paul  
**Sent:** Tuesday, July 24, 2018 9:43 AM  
**To:** RS PLASTER <marycp5@verizon.net>  
**Cc:** alex.miller@nee.com  
**Subject:** RE: MVP southgate project location map

Dear Ms. Plaster –

I enjoyed speaking with you this morning, and appreciate the Historical Society's interest in the MVP Southgate Project.

As we discussed, the best available mapping is on the project website - <http://www.mvpsouthgate.com/>; if you go to the maps page - <http://www.mvpsouthgate.com/maps/> - there is a scalable map of the route; you can zoom in and out and also change the background to an aerial photograph.

I hope this is useful and look forward to hearing the Society's input; if you have any problems with the map or any questions feel free to contact me via phone or email.

Thanks,

Paul Webb  
Cultural Resources Program Leader



50101 Governors Drive, Suite 250, Chapel Hill, NC 27517  
T: 919.530.8446 x222 | F: 919.530.8525 | C: 919.414.3418

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**From:** RS PLASTER [<mailto:marycp5@verizon.net>]  
**Sent:** Saturday, July 21, 2018 2:48 PM  
**To:** Webb, Paul <[PWebb@trcsolutions.com](mailto:PWebb@trcsolutions.com)>  
**Cc:** [alex.miller@nee.com](mailto:alex.miller@nee.com)  
**Subject:** MVP southgate project location map

As President of the Pittsylvania Historical Society, I respond to your July, 2018 certified mail (to former President Larry Aaron – now a nursing home resident) to request a more definitive map (with appropriate designations and/or descriptions) of the 26 miles depicted by a blue line for Pittsylvania County, Virginia, in the “Project Overview Map.” Our organization’s next meeting will be the third Monday in August. We wish to consider input about the proposed route, as requested. However, more precise information is required to determine designated sites before addressing impact and proximity to historic properties. I contacted Pittsylvania County administration to learn it has no additional map information from you to share. Therefore, know our appreciation for your consideration of this notice requesting assistance for a prompt reply.

Mary Catherine Plaster                      434-432-8945





625 Liberty Avenue, Suite 1700 | Pittsburgh, PA 15222  
833-MV-SOUTH | mail@mvpsouthgate.com  
www.mvpsouthgate.com

August 19, 2018

Ms. Diane Barbour  
Virginia-North Carolina Piedmont Genealogical Society  
P.O. Box 1103  
Danville, VA 24543-1103

RE: MVP Southgate Project, Pittsylvania County, Virginia

Dear Ms. Barbour:

The purpose of this letter is to provide initial information to the Virginia-North Carolina Piedmont Genealogical Society regarding the proposed MVP Southgate Project (Project) and to request input regarding the Project from your organization under the provisions of the National Historic Preservation Act (NHPA, 54 U.S.C. 300101 et seq.) and its implementing regulations (36 CFR Part 800 [Protection of Historic Properties]).

Mountain Valley Pipeline, LLC ("Mountain Valley") is seeking a Certificate of Public Convenience and Necessity from the Federal Energy Regulatory Commission pursuant to Section 7(c) of the Natural Gas Act to construct and operate the Project. The Project will be located in Pittsylvania County, Virginia and Rockingham and Alamance counties, North Carolina (Attachment 1). Mountain Valley proposes to construct approximately 72 miles of 24-inch-diameter natural gas pipeline to provide timely, cost-effective access to new natural gas supplies to meet the growing needs of natural gas users in the southeastern United States.

On May 3, 2018, Mountain Valley filed a request with the Federal Energy Regulatory Commission ("FERC") to use the National Environmental Policy Act pre-filing process ("Pre-filing Process") for the MVP Southgate Project and the FERC issued a Pre-Filing docket number (PF18-4-000) to place information related to the Project into the public record. On May 15, 2018, the FERC granted Mountain Valley's Pre-Filing request. The Pre-filing Process provides all stakeholders (including federal, state and local agencies, landowners, and local citizens) the opportunity for early cooperation and involvement in evaluating the project prior to filing a formal application with the FERC. Following the Pre-filing Process, Mountain Valley will file a formal application for review and approval from the FERC, and numerous other agencies. The permit proceedings, which will be conducted by these agencies, will provide additional opportunity for public input and involvement. The FERC application is currently targeted to be filed in November 2018. All other federal agency applications are planned to be filed in a similar time frame.

In Virginia, the proposed Project facilities in Pittsylvania County include approximately 26 miles of 24-inch-diameter natural gas pipeline, the Lambert Compressor Station, a pig launcher and receiver, three mainline valves, and one meter station. The Project cultural resource investigations in Virginia will be conducted in accordance with federal and state regulations, including the FERC Office of Energy Projects' Guidelines for Reporting on Cultural Resources Investigations for Natural Gas Projects (2017) and Guidance Manual for Environmental Report Preparation (2017), (36 CFR Part 800, Protection of Historic Properties), the Secretary of the Interior's Standards and Guidelines for Archaeology and Historic Preservation (36 CFR Part 61), and the VDHR's Guidelines for Conducting Historic Resources Survey in Virginia (2017).

Via this letter, we would like to solicit any information that your organization may have regarding cultural resources that could potentially be affected by the project or regarding any other concerns that you might have. Please feel free to contact me at (713) 374-1599 or via email at [alex.miller@nee.com](mailto:alex.miller@nee.com).

Paul Webb of TRC will be coordinating the cultural resource compliance activities for the Project, and can be reached at (919) 530-8446 x222 or via email at [pwebb@trcsolutions.com](mailto:pwebb@trcsolutions.com).

Thank you for your time and consideration. We look forward to receiving any input that you might have.

Sincerely,



Alex V. Miller  
Environmental Specialist  
MVP Southgate

cc:

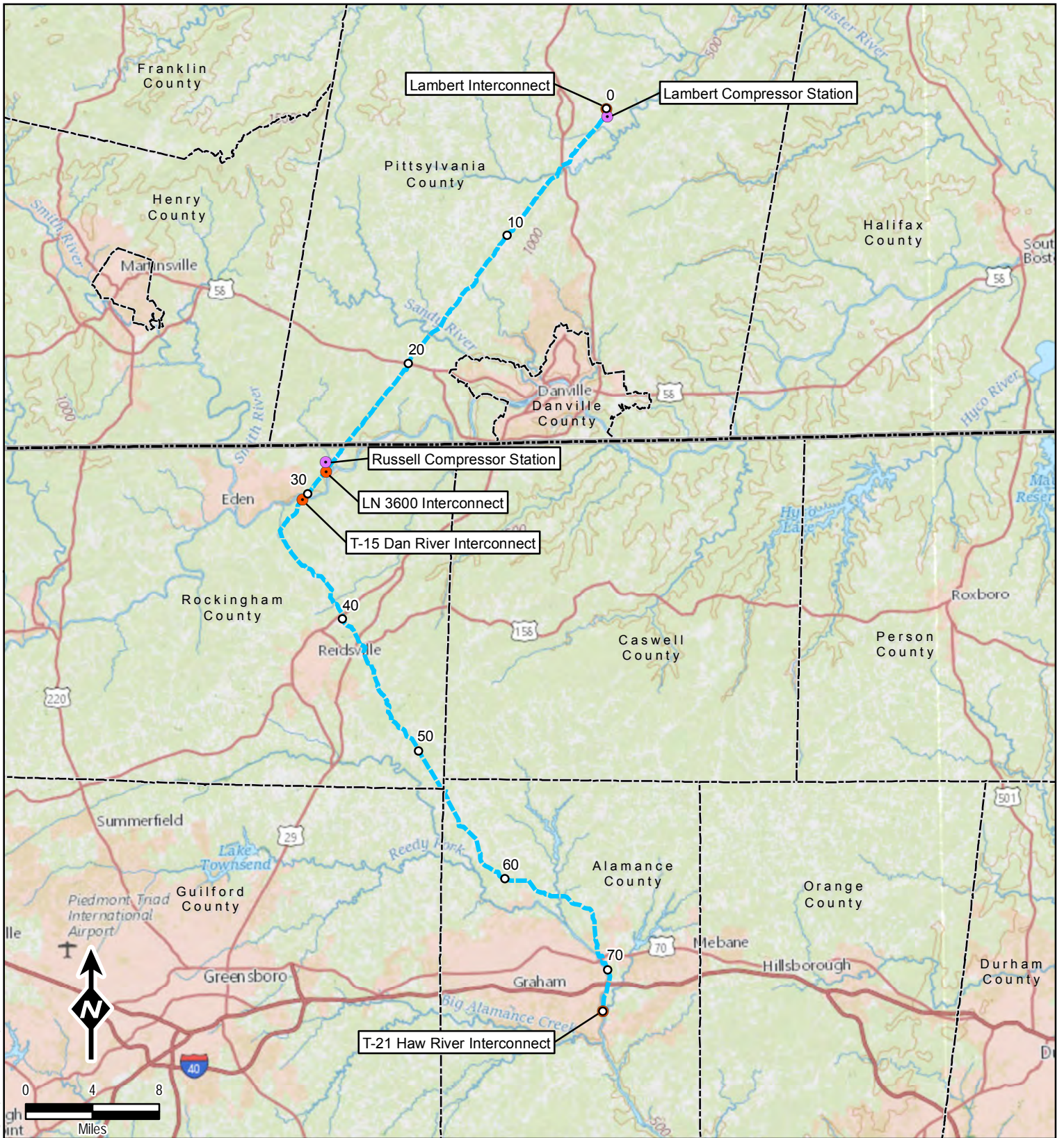
Richard W. Estabrook MVP Southgate  
John Zimmer, TRC  
Paul Webb, TRC

Attachment:

1) Project Location Map







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**Legend**

- Proposed Pipeline Route
- Mileposts
- Compressor Station
- Meter Station
- County Boundary
- State Boundary

**Data Sources:** ESRI, USGS, TRC, EQT

1 inch = 8 miles  
When Printed 8.5x11

**Mountain Valley**  
PIPELINE, LLC

**Project Overview**  
Map

**TRC**  
Results you can rely on

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West Chester, PA 19382





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www.mvpsouthgate.com

August 21, 2018

Afro-American Historical and Genealogical Society of North Carolina, Inc.  
P.O. Box 36254  
Greensboro, NC 27416

RE: MVP Southgate Project, Rockingham and Alamance Counties, North Carolina

Dear Sir or Madam:

The purpose of this letter is to provide initial information to the North Carolina Piedmont Triad Chapter of the Afro-American Historical and Genealogical Society of North Carolina regarding the proposed MVP Southgate Project (Project) and to request input regarding the Project from your organization, under the provisions of the National Historic Preservation Act (NHPA, 54 U.S.C. 300101 et seq.) and its implementing regulations (36 CFR Part 800 [Protection of Historic Properties]).

Mountain Valley Pipeline, LLC ("Mountain Valley") is seeking a Certificate of Public Convenience and Necessity from the Federal Energy Regulatory Commission pursuant to Section 7(c) of the Natural Gas Act to construct and operate the Project. The Project will be located in Pittsylvania County, Virginia and Rockingham and Alamance counties, North Carolina (Attachment 1). Mountain Valley proposes to construct approximately 72 miles of 24-inch-diameter natural gas pipeline to provide timely, cost-effective access to new natural gas supplies to meet the growing needs of natural gas users in the southeastern United States.

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In North Carolina, the proposed Project facilities include approximately 26 and 20 miles of 24-inch-diameter natural gas pipeline in Rockingham and Alamance County, respectively. Aboveground facilities in Rockingham County include the Russell Compressor Station in Rockingham County, a pig launcher, two mainline valves, and two meter stations. In Alamance County, the aboveground facilities include a pig receiver, three mainline valves, and one meter station.

The Project cultural resource investigations in North Carolina will be conducted in accordance with federal and state regulations, including the FERC Office of Energy Projects' Guidelines for Reporting on Cultural Resources Investigations for Natural Gas Projects (2017) and Guidance Manual for Environmental Report Preparation (2017), (36 CFR Part 800, Protection of Historic Properties), the Secretary of the Interior's Standards and Guidelines for Archaeology and Historic Preservation (36 CFR Part 61), and the North Carolina State Historic Preservation Office's Archaeological Investigations Standards and Guidelines (2017), Architectural Survey Manual (2008), and Report Standards for Historic Structure Survey Reports/Determinations of Eligibility/Section 106/110 Compliance Reports in North Carolina.

Via this letter, we would like to solicit any information that your organization may have regarding cultural resources that could potentially be affected by the project or regarding any other concerns that you might have. Please feel free to contact me at (713) 374-1599 or via email at [alex.miller@nee.com](mailto:alex.miller@nee.com). Paul Webb of TRC will be coordinating the cultural resource compliance activities for the Project, and can be reached at (919) 530-8446 x222 or via email at [pwebb@trcsolutions.com](mailto:pwebb@trcsolutions.com).

Thank you for your time and consideration. We look forward to receiving any input that you might have.

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Alex V. Miller  
Environmental Specialist  
MVP Southgate

cc:

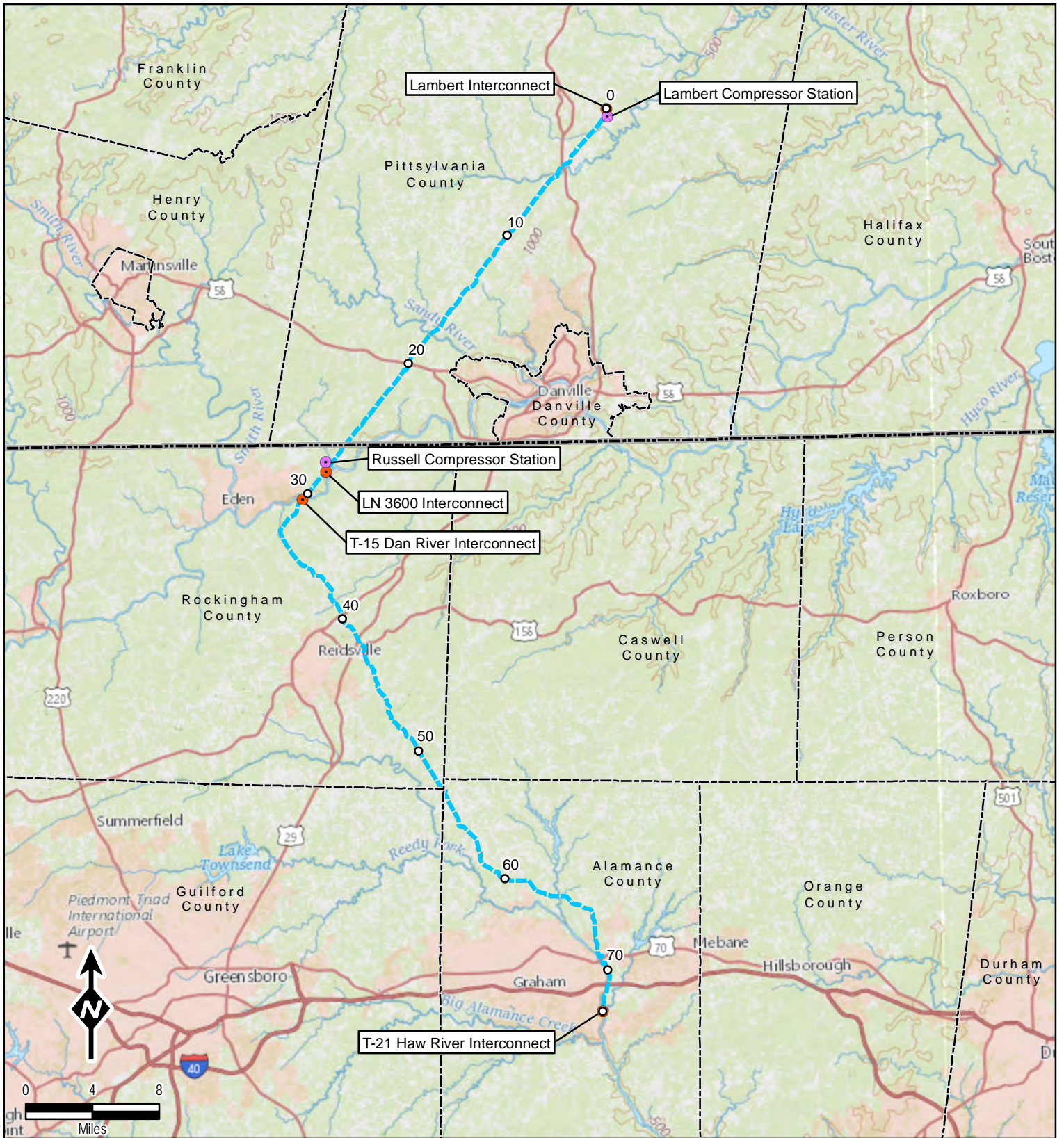
Richard W. Estabrook MVP Southgate  
John Zimmer, TRC  
Paul Webb, TRC

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**Mountain Valley PIPELINE LLC**

**Project Overview Map**

**TRC** Results you can rely on  
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West Chester, PA 19382

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www.mvpsouthgate.com

September 5, 2018

Ms. Jordan Rossi  
Executive Director  
Rockingham County Historical Society  
PO Box 84  
Wentworth, NC 27375

RE: MVP Southgate Project, Rockingham County, North Carolina

Dear Ms. Rossi:

The purpose of this letter is to provide initial information to the Rockingham County Historical Society regarding the proposed MVP Southgate Project (Project) and to request input regarding the Project from your organization under the provisions of the National Historic Preservation Act (NHPA, 54 U.S.C. 300101 et seq.) and its implementing regulations (36 CFR Part 800 [Protection of Historic Properties]).

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Historic Structure Survey Reports/Determinations of Eligibility/Section 106/110 Compliance Reports in North Carolina.

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Environmental Specialist  
MVP Southgate

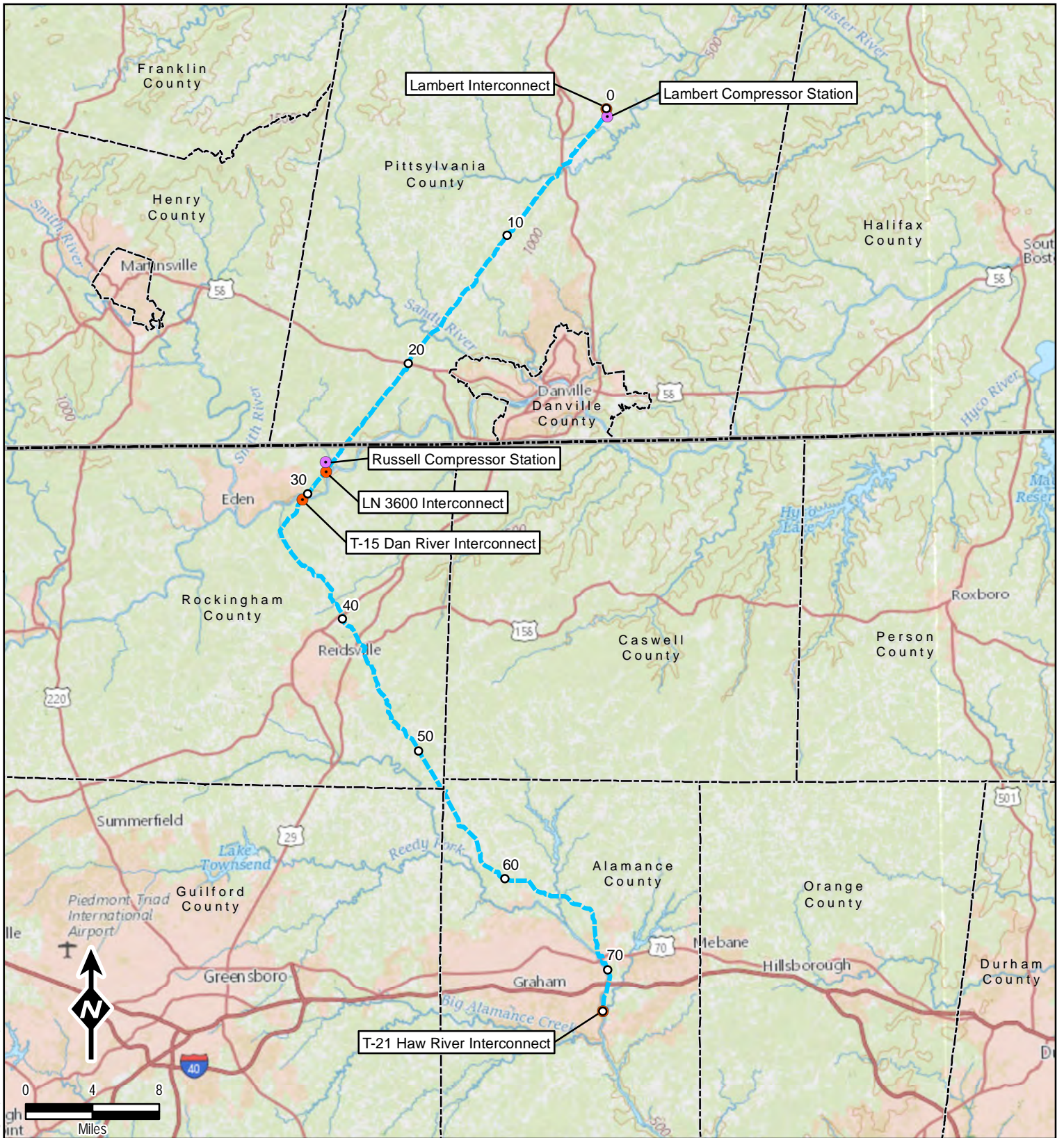
cc:

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John Zimmer, TRC  
Paul Webb, TRC

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**Mountain Valley PIPELINE LLC**

**Project Overview Map**

**TRC** Results you can rely on  
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West Chester, PA 19382

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## Webb, Paul

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**From:** Webb, Paul  
**Sent:** Wednesday, October 3, 2018 3:48 PM  
**To:** 'jordan@themarconline.org'  
**Cc:** 'Miller, Alex'  
**Subject:** MVP Southgate .kmz file  
**Attachments:** MVP\_Southgate\_ctrline\_20180817.kmz

Dear Ms. Rossi –

Alex Miller passed along your request for more detailed mapping of the MPV Southgate route for use by the Museum and Archives of Rockingham County/Rockingham Historical Society in examining the potential route and its relationship to historic sites and other cultural resources.

I'm attaching a .kmz of the centerline that can be viewed in Google Earth in the hopes that it will be helpful; if you have any questions or comments, or need anything, please don't hesitate to let one of us know.

Thanks,

Paul Webb  
Cultural Resources Program Leader



50101 Governors Drive, Suite 250, Chapel Hill, NC 27517  
T: 919.530.8446 x222 | F: 919.530.8525 | C: 919.414.3418

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## Webb, Paul

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**From:** Jordan Rossi <jordanelrossi@gmail.com>  
**Sent:** Thursday, October 4, 2018 11:29 AM  
**To:** Webb, Paul  
**Subject:** Re: MVP Southgate .kmz file  
**Attachments:** image001.jpg

Thank you for sending this along.

Jordan

On Wed, Oct 3, 2018 at 3:48 PM Webb, Paul <[PWebb@trcsolutions.com](mailto:PWebb@trcsolutions.com)> wrote:

Dear Ms. Rossi –

Alex Miller passed along your request for more detailed mapping of the MPV Southgate route for use by the Museum and Archives of Rockingham County/Rockingham Historical Society in examining the potential route and its relationship to historic sites and other cultural resources.

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Paul Webb

Cultural Resources Program Leader



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--

Jordan Rossi, *Executive Director*  
Museum and Archives of Rockingham County  
(336) 634-4949  
[www.themarconline.org](http://www.themarconline.org)

## **Non-Federally Tribal Correspondence**

MVP Southgate Project Coordination with Non-Federally - Recognized Tribes. Updated through October 15, 2018

| Affiliation                            | Date      | Type        | Sender  | Recipient(s)                                  | Subject  |
|--|-----------|-------------|---|---|--|
| NC Commission on Indian Affairs        | 7/12/2018 | email       | Agnes Ramsey, NextEra                         | Gregory Richardson                            | MVP Southgate Pipeline Project - Tribal Relations Outreach   |
| NC Commission on Indian Affairs        | 7/25/2018 | Call        | Agnes Ramsey, NextEra                         | Gregory Richardson                            | Coordination of project introduction call  |
| NC Commission on Indian Affairs        | 7/31/2018 | Call        | Agnes Ramsey, NextEra                         | Gregory Richardson                            | Phone Discussion of Southgate Project and outreach plans, guidance to reach out to each individual tribe recognized by the state of NC       |
| NC Commission on Indian Affairs        | 7/31/2018 | email       | Gregory Richardson                            | Agnes Ramsey, NextEra                         | Thank you for coordination call and invitation to participate in the NC CoIA Annual Meeting in September, 2018                               |
| Cohaire Tribe                          | 8/2/2018  | email       | Agnes Ramsey, NextEra                         | Greg Jacobs                                   | Call regarding upcoming project introductory package   |
| Haliwa-Saponi Indian Tribe             | 8/2/2018  | email       | Agnes Ramsey, NextEra                         | Archie Lynch                                  | Call regarding upcoming project introductory package   |
| Lumbee Tribe                           | 8/2/2018  | email       | Agnes Ramsey, NextEra                         | Dr. Frieda Porter                             | Call regarding upcoming project introductory package   |
| Meherrin Indian Tribe                  | 8/2/2018  | email       | Agnes Ramsey, NextEra                         | Chief Wayne Brown                             | Call regarding upcoming project introductory package   |
| Ocaneechi Band of the Saponi Nation    | 8/2/2018  | email       | Agnes Ramsey, NextEra                         | Tony Hayes                                    | Call regarding upcoming project introductory package   |
| Sappony Tribe                          | 8/2/2018  | email       | Agnes Ramsey, NextEra                         | Dante Desiderio                               | Call regarding upcoming project introductory package   |
| Waccamaw Siouan Tribe                  | 8/2/2018  | email       | Agnes Ramsey, NextEra                         | Brenda Moore                                  | emailing project introductory package  |
| Cheroenhaka (Nottoway) Tribe           | 8/3/2018  | email       | Agnes Ramsey, NextEra                         | Chief Wail "Red Hawk" Brown                   | emailing project introductory package  |
| Cohaire Tribe                          | 8/3/2018  | email       | Agnes Ramsey, NextEra                         | Greg Jacobs                                   | emailing project introductory package  |
| Haliwa-Saponi Indian Tribe             | 8/3/2018  | email       | Agnes Ramsey, NextEra                         | Archie Lynch                                  | emailing project introductory package  |
| Lumbee Tribe                           | 8/3/2018  | email       | Agnes Ramsey, NextEra                         | Dr. Frieda Porter                             | emailing project introductory package  |
| Mattaponi Tribe                        | 8/3/2018  | email       | Agnes Ramsey, NextEra                         | Chief Mark Custalow                           | emailing project introductory package  |
| Meherrin Indian Tribe                  | 8/3/2018  | email       | Agnes Ramsey, NextEra                         | Chief Wayne Brown                             | emailing project introductory package  |
| Nottoway of Virginia                   | 8/3/2018  | email       | Agnes Ramsey, NextEra                         | Chief Lynette Alston                          | emailing project introductory package  |
| Ocaneechi Band of the Saponi Nation    | 8/3/2018  | email       | Agnes Ramsey, NextEra                         | Tony Hayes                                    | emailing project introductory package  |
| Patawomeck Tribe                       | 8/3/2018  | email       | Agnes Ramsey, NextEra                         | Chief John R. Lightner                        | emailing project introductory package  |
| Sappony Tribe                          | 8/3/2018  | email       | Agnes Ramsey, NextEra                         | Dante Desiderio                               | emailing project introductory package  |
| Waccamaw Siouan Tribe                  | 8/3/2018  | email       | Agnes Ramsey, NextEra                         | Brenda Moore                                  | emailing project introductory package  |
| Ocaneechi Band of the Saponi Nation    | 8/6/2018  | meeting     | Agnes Ramsey, NextEra                         | Tony Hayes                                    | Introduction at Alamance County Commission meeting; made plans to meet   |
| Sappony Tribe                          | 8/7/2018  | email       | Marion Werkheiser, Cultural Heritage Partners | Agnes Ramsey, NextEra                         | introductory email from Ms. Werkheiser stating that her firm is representing Sappony Tribe and Monacan Indian Nation regarding MVP Southgate |
| Sappony Tribe                          | 8/9/2018  | call, email | Agnes Ramsey, NextEra                         | Marion Werkheiser, Cultural Heritage Partners | coordinating upcoming call   |
| Ocaneechi Band of the Saponi Nation    | 8/14/2018 | email       | Agnes Ramsey, NextEra                         | Tony Hayes                                    | follow-up on review of materials sent  |
| Sappony Tribe                          | 8/15/2018 | call, email | Agnes Ramsey, NextEra                         | Marion Werkheiser, Cultural Heritage Partners | introductory discussion regarding role of Ms. Werkheiser and interest of tribe in the project  |
| Ocaneechi Band of the Saponi Nation    | 8/17/2018 | email       | Tony Hayes                                    | Agnes Ramsey, NextEra                         | CC: of letter sent by Mr. Hayes to Alamance County Commission  |
| Ocaneechi Band of the Saponi Nation    | 8/20/2018 | email       | Agnes Ramsey, NextEra                         | Tony Hayes                                    | setting up call to discuss Ocaneechi Band letter to Alamance County commission   |
| Ocaneechi Band of the Saponi Nation    | 8/20/2018 | call        | Agnes Ramsey, NextEra                         | Tony Hayes                                    | Call to discuss Ocaneechi Band letter to Alamance County commission  |
| NC Commission on Indian Affairs        | 8/22/2018 | call        | Agnes Ramsey, NextEra                         | Gregory Richardson                            | checking on status of NC Commission on Indian Affairs meeting  |
| Ocaneechi Band of the Saponi Nation    | 8/24/2018 | call        | Tony Hayes                                    | Agnes Ramsey, NextEra                         | Invitation to speak at next Ocaneechi Band meeting on September 13, 2018   |
| NC Commission on Indian Affairs        | 8/27/2018 | email       | Gregory Richardson                            | Agnes Ramsey, NextEra                         | confirmation of MVP Southgate presentation at NC Commission on Indian Affairs meeting  |
| NC Ocaneechi Band of the Saponi Nation | 8/31/2018 | email       | Agnes Ramsey, NextEra                         | Tony Hayes, Vickie Jeffers                    | availability of RR 4 and request for tribal comment  |
| Cohaire Tribe                          | 8/31/2018 | email       | Agnes Ramsey, NextEra                         | Greg Jacobs                                   | availability of RR 4 and request for tribal comment  |
| Haliwa-Saponi Indian Tribe             | 8/31/2018 | email       | Agnes Ramsey, NextEra                         | Archie Lynch                                  | availability of RR 4 and request for tribal comment  |
| Lumbee Tribe                           | 8/31/2018 | email       | Agnes Ramsey, NextEra                         | Dr. Frieda Porter                             | availability of RR 4 and request for tribal comment  |
| Meherrin Indian Tribe                  | 8/31/2018 | email       | Agnes Ramsey, NextEra                         | Chief Wayne Brown                             | availability of RR 4 and request for tribal comment  |
| Sappony Tribe                          | 8/31/2018 | email       | Agnes Ramsey, NextEra                         | Dante Desiderio                               | availability of RR 4 and request for tribal comment  |
| Waccamaw Siouan Tribe                  | 8/31/2018 | email       | Agnes Ramsey, NextEra                         | Brenda Moore                                  | availability of RR 4 and request for tribal comment  |

MVP Southgate Project Coordination with Non-Federally - Recognized Tribes. Updated through October 15, 2018

| Affiliation                         | Date      | Type    | Sender  | Recipient(s)   | Subject   |
|-------------------------------------|-----------|---------|---|--|---|
| Cheroenhaka (Nottoway) Tribe        | 8/31/2018 | email   | Agnes Ramsey, NextEra                                       | Chief Waji "Red Hawk" Brown  | availability of RR 4 and request for tribal comment   |
| Mattaponi Tribe                     | 8/31/2018 | email   | Agnes Ramsey, NextEra                                       | Chief Mark Custalow  | availability of RR 4 and request for tribal comment   |
| Nottoway of Virginia                | 8/31/2018 | email   | Agnes Ramsey, NextEra                                       | Chief Lynette Alston   | availability of RR 4 and request for tribal comment   |
| Patawomeck Tribe                    | 8/31/2018 | email   | Agnes Ramsey, NextEra                                       | Chief John R. Lightner   | availability of RR 4 and request for tribal comment   |
| NC Commission on Indian Affairs     | 9/7/2018  | meeting | Kyle Martin, Agnes Ramsey, Nextera                          | North Carolina Commission on Indian Affairs; North Carolina state- and federally-recognized tribes | presentation on project   |
| Ocaneechi Band of the Saponi Nation | 10/2/2018 | call    | Agnes Ramsey, NextEra                                       | Tony Hayes   | brief discussion of planned Ocaneechi Band letter to the FERC   |
| Ocaneechi Band of the Saponi Nation | 10/4/2018 | email   | Agnes Ramsey, NextEra                                       | Tony Hayes   | planning presentation to Ocaneechi band on November 8, 2018   |
| Ocaneechi Band of the Saponi Nation | 10/5/2018 | email   | Tony Hayes  | Agnes Ramsey, NextEra  | planning presentation to Ocaneechi band on November 8, 2018   |
| Sappony Tribe                       | 10/9/2018 | call    | Marion Werkheiser/Ellen Chapman, Cultural Heritage Partners | Agnes Ramsey, MVP Southgate  | Sappony are interested in Dan, Haw, and Hyco River watersheds; would like continued discussion and updated route maps |

**MVP Southgate Project**

**Docket No. CP19-XX-000**

**Resource Report 4**

**Appendix 4-B**

**Project Map Showing Survey Areas and Survey Status**

**(Privileged and Confidential Information, CUI//PRIV)**

**(Provided Under Separate Cover)**

**MVP Southgate Project**

**Docket No. CP19-XX-000**

**Resource Report 4**

**Appendix 4-C**

**Plan for Unanticipated Discoveries of Historic Properties and  
Human Remains**



## **Appendix 4-C**

### **Plan for Unanticipated Discoveries of Historic Properties and Human Remains**

#### **MVP Southgate Project**

FERC Docket No. CP19-XX-000

November 2018

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## 1.0 INTRODUCTION

Mountain Valley Pipeline, LLC (“Mountain Valley”) is seeking a Certificate of Public Convenience and Necessity from the Federal Energy Regulatory Commission (“FERC” or “Commission”) pursuant to Section 7(c) of the Natural Gas Act to construct and operate the MVP Southgate Project (“Southgate Project” or “Project”). The Southgate Project facilities will be located in Pittsylvania County, Virginia and Rockingham and Alamance counties, North Carolina.

Mountain Valley recognizes that, despite the extensive archaeological field investigations that are conducted prior to Project construction, it is possible that potentially significant cultural resources could be discovered during construction, especially during excavation activities. The Southgate Project recognizes its role to protect and preserve cultural resources that may be found during construction in accordance with federal and state regulations. Cultural resources in this context are defined as archaeological sites, objects, and features and include human remains and associated or unassociated funerary objects.

This *Plan for Unanticipated Discoveries of Historic Properties and Human Remains* (“Plan”) was developed on behalf of the Southgate Project and in consultation with the Virginia Department of Historic Resources (“VDHR”) and the North Carolina Historic Preservation Office (“NC HPO”), which represent the State Historic Preservation Officers (“SHPOs”) in Virginia and North Carolina, respectively. This Plan summarizes the approach the Project will follow to address the discovery of archaeological finds or human remains during construction activities within the Project’s Area of Potential Effects (“APE”).

## 2.0 GUIDELINES, REGULATIONS, AND LEGISLATION FOR UNANTICIPATED DISCOVERIES OF CULTURAL RESOURCES AND HUMAN REMAINS

The stipulations of the Plan as set forth below are in accordance with the current guidelines detailed in the following federal and state guidelines, regulations, and legislation:

### 2.1 Federal

- Section 106 of the *National Historic Preservation Act* (“NHPA”), as amended (54 United States Code (“USC”) 306101 et seq.)
- Secretary of the Interior’s *Standards for Archeology and Historic Preservation* (48 FR 44716-42)
- Advisory Council for Historic Preservation’s (“ACHP’s”): *Policy Statement Regarding Treatment of Burial Sites, Human Remains, and Funerary Objects* (ACHP February 23, 2007)
- Federal Energy Regulatory Commission’s (“FERC”) Office of Pipeline Regulations *Guidelines for Reporting on Cultural Resources Investigations for Natural Gas Projects* (FERC 2017);

### 2.2 Virginia

- VDHR’s *Guidelines for Conducting Historic Resources Survey in Virginia* (2017)
- Virginia Antiquities Act, (§ 10.1-2305 Code of Virginia), “Permit required for the archaeological excavation of human remains;”

### 2.3 North Carolina

- North Carolina Office of State Archaeology’s (“OSA’s”) *Archaeological Investigations Standards and Guidelines* (OSA December 2017)

- 
- North Carolina General Statute 70-3, *The Unmarked Human Burial and Skeletal Remains Protection Act*.

### **3.0 CONSULTATION WITH SHPOS AND NATIVE AMERICAN TRIBES**

The Southgate Project initiated consultation with VDHR and NC HPO on April 27, 2018. The Project is also contacting federally-recognized Native American Tribes to solicit their concerns and input regarding potential Project effects to historic properties, tribal resources, and human remains. Contact information for the VDHR, NC HPO, and the tribes is included in Section 5.0 of this Plan. In the event that cultural resources and/or human remains are encountered during construction, the Project will notify the VDHR or NC HPO (as applicable), those tribes that have asked to be consulted in the event of a discovery (“Interested Tribes”), any other consulting parties for the Project (potentially including non-federally recognized tribes or other organizations), and/or law enforcement, as outlined below.

### **4.0 UNANTICIPATED DISCOVERY PROTOCOL**

#### **4.1 Cultural Resources Training**

The Southgate Project requires that its employees and contractors have a basic understanding of the nature of cultural resources, and all Project inspectors and construction contractor personnel will be given basic training in cultural resource site recognition prior to beginning work on the Project.

The cultural resource training will review the Project’s commitments regarding cultural resources compliance and provide examples of the types of archaeological resources that may be encountered during construction. In addition, the training program will emphasize the exact procedures to be followed, as outlined in this Plan, regarding actions to be taken and notifications required in the event of a significant site discovery or a discovery of human remains during construction.

The training will ensure that Southgate Project personnel and construction contractors understand the extent of the archaeological survey program that has been performed for the Project and are fully aware of the distinction between sites that have been located and “cleared” under the cultural resource program (i.e., sites that have determined to be non-significant after different levels of investigation or have already undergone data recovery excavations) and new discoveries that may be made during the construction process.

#### **4.2 Notification and Assessment Procedures (Not Involving Human Remains or Funerary Objects)**

The following steps will be followed in the event an unanticipated discovery (not involving human remains or funerary objects) is made during Southgate Project construction:

- 1 The Contractor will immediately notify the Lead Environmental Inspector (“EI”) (or Chief Inspector, if the Lead EI is not immediately available) of an unanticipated discovery.
- 2 The Lead EI or Chief Inspector will direct a *Stop Task Order* to the Contractor’s Site Foreman to ensure that the activity within 100 feet of the unanticipated discovery ceases and will instruct the Contractor to flag or fence off the discovery location and take any necessary measures to ensure site security. Any unanticipated discovery made on a weekend or overnight hours will be protected with security fencing until all appropriate parties are notified of the discovery. The

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Contractor will not restart work in the area of the find until the Chief Inspector has agreed in writing that work can resume.

- 3 The Lead EI will inform the Project Archaeologist (“PA”) of the discovery. If the PA determines that the location is not an archaeological site, or determines that the find is a previously known and cleared archaeological resource and that the find would not alter the current understanding of the resource, the PA will report that documentation to the Lead EI. The Lead EI will document that determination and notify the Chief Inspector to resume work.
- 4 If the PA determines that the find is not a previously known and cleared resource, or potentially represents information that would alter the current understanding of a previously known and cleared archaeological resource, she/he will notify the Project. Within 24 hours of notification, the PA will conduct a preliminary field assessment of the discovery to determine if it is potentially a significant archaeological site.
- 5 If based on that inspection the PA determines that the discovery is an isolated find or otherwise not a potentially significant archaeological site, the PA will report that determination to the EI. The Lead EI will document that determination and notify the Chief Inspector to resume work.
- 6 If the PA determines that the find is a newly identified archaeological site, or represents information that would alter the current understanding of a previously known and cleared archaeological resource, the PA will inform the Southgate Project, the Lead EI, and the Chief Inspector of that determination.
  - a. Within 24 hours of that determination, the Project will notify the FERC, the relevant SHPO, and the Interested Tribes of the determination. Work within the flagged or fenced off discovery location will not resume until authorized by the FERC.
  - b. Following consultation with the relevant SHPO, the FERC, and Interested Tribes, the PA will evaluate the discovery and assess its horizontal and vertical extent, cultural association(s), and integrity.
  - c. The PA will inform the Project, the Lead EI, the Chief Inspector, the FERC, the relevant SHPO, and the Interested Tribes of the findings and recommendations. If the FERC, in consultation with the SHPO and Interested Tribes, determines that the find is not eligible for the NRHP, the Chief Inspector will grant clearance for construction to resume. If the FERC determines that the find is eligible for the NRHP, the Project will authorize the PA or their designee to develop an archaeological treatment plan that will be submitted to the FERC, the relevant SHPO, and Interested Tribes (if appropriate) for review and comment.
  - d. Upon authorization by the FERC, the Project will implement the treatment plan.
  - e. At the conclusion of archaeological fieldwork, a meeting or site visit may be held with the FERC, the Project, the relevant SHPO, and the Interested Tribes to review the results of the work accomplished.

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- f. Upon receiving written acceptance of the results of the implemented treatment from the FERC, the Lead EI and Chief Inspector will grant clearance to the construction team to resume work.

#### **4.3 Notification and Treatment Procedures (Human Remains or Funerary Objects)**

The Southgate Project will treat any human remains encountered during the Project in a manner guided by the ACHP's *Policy Statement Regarding Treatment of Burial Sites, Human Remains, and Funerary Objects* (2007) and by the relevant state laws and guidelines. In particular, human remains must be treated with the utmost dignity and respect at all times. Human remains and/or associated artifacts (including grave markers, coffin hardware, or funerary objects) will be left in place and not disturbed, and no unnecessary photographs will be taken. No skeletal remains or materials associated with the remains will be collected or removed until appropriate consultation has taken place and a plan of action has been developed. All personnel involved with the discovery will maintain confidentiality concerning the remains, and any press contacts will be referred to appropriate Project or agency personnel.

The following measures will be taken in the event an unanticipated discovery of potential or confirmed human remains or funerary objects is made during Project construction.

- 1 The Contractor will immediately notify the Lead EI (or Chief Inspector, if the Lead EI is not immediately available) of the discovery.
- 2 The Lead EI or Chief Inspector will direct a *Stop Task Order* to the Contractor's Site Foreman to ensure that work within 100 feet of the discovery ceases. The Lead EI or Chief Inspector will instruct the Contractor to flag or fence off the discovery location and take any necessary measures to ensure site security. Work will not resume in the area of the find until the Chief Inspector grants clearance to recommence work (see below).
- 3 All human remains and/or funerary items will be left in place and treated with dignity and respect. All efforts will be made to exclude the general public from viewing any gravesites and/or funerary objects.
- 4 The Lead EI will contact the Project and the PA on the day of the discovery, and the PA will examine the discovery within 24 hours of notification. If the PA determines that the finds are human remains or funerary items, the PA will immediately notify the Project.

For finds in Virginia, the Project will immediately notify the FERC, the landowner, and the VDHR of the find, as well as the Virginia State Police.

For finds in North Carolina, the Project will immediately notify the FERC, the landowner, the County Medical Examiner, and the North Carolina State Archaeologist, who shall conduct further notifications per North Carolina General Statute 70-3, *The Unmarked Human Burial and Skeletal Remains Protection Act*.

- 5 If, upon inspection by the appropriate legal authorities, the remains are determined to be a criminal matter and not archaeological, the Project will await clearance by the appropriate legal authorities before resuming construction.
- 6 If the find is determined not to be a criminal matter, the Southgate Project will comprehensively evaluate the potential to avoid and/or minimize the Project's effects to the human remains.

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- a. If human remains are determined to be Native American, the remains will be left in place and protected from further disturbance with security fencing and if necessary, a security guard until a site-specific work plan for their avoidance or, if necessary, their removal can be generated. Note that avoidance is the preferred choice of the SHPOs and Tribes. The Project will contact FERC, the appropriate SHPO, and the Interested Tribes to develop a plan of action.
  - b. If human remains are determined to be non-Native American, the remains will be left in place and protected from further disturbance with security fencing and if necessary, a security guard until a site-specific work plan for their avoidance or removal can be generated. Please note that avoidance is the preferred choice of the SHPOs. Consultation with the SHPO and other appropriate parties, in accordance with Virginia or North Carolina state law, will be required to determine a treatment plan.
  - c. In Virginia, if human skeletal remains must be removed, the Project will obtain a Permit for *Archaeological Removal of Human Burials* from the VDHR and consultation will be conducted with Interested Tribes, and lineal descendants, as appropriate. In North Carolina, any removal of human remains would be done in accordance with *The Unmarked Human Burial and Skeletal Remains Protection Act* and other relevant state statutes, and through consultation with the NC HPO, Interested Tribes, and lineal descendants, as appropriate.
  - d. The Project will be responsible for all costs associated with the discovery, evaluation and agency consultation, excavation, investigation and study, disinterment, repatriation, re-interment, reporting, and curation of any human remains and associated funerary items encountered during Project construction.
  - e. Project construction may resume within the flagged or fenced off discovery location only after successful implementation of the treatment plan and after the Project receives written approval by the FERC, the relevant SHPO, and the Interested Tribes.

## 5.0 CONTACTS

| <b>FEDERAL AGENCY CONTACTS</b>   |   |
|--|---|
| <p><b>Federal Energy Regulatory Commission</b><br/> Paul Friedman<br/> Office of Energy Projects<br/> 888 First Street, NE<br/> Washington, D.C. 20426<br/> Tel: (202) 502-8059<br/> Email: paul.friedman@ferc.gov</p>                                 |   |
| <b>STATE HISTORIC PRESERVATION OFFICE CONTACTS</b>   |   |
| <b>Virginia</b>  |   |
| <p><b>Virginia Department of Historic Resources</b><br/> Roger W. Kirchen, Director<br/> Division of Review and Compliance<br/> 2801 Kensington Avenue<br/> Richmond, VA 23221<br/> Tel: (804) 482-6091<br/> Email: roger.kirchen@dhr.virginia.gov</p> |   |
| <b>North Carolina</b>  |   |
| <p><b>North Carolina Historic Preservation Office</b><br/> Ms. Renee Gledhill-Earley<br/> Environmental Review Coordinator<br/> 109 E. Jones Street<br/> Raleigh, NC 27601<br/> Tel: (919) 814-6579<br/> Email: renee.gledhill-earley@ncdcr.gov</p>    | <p><b>North Carolina Office of State Archaeology</b><br/> Mr. John Mintz<br/> North Carolina State Archaeologist<br/> Office of State Archaeology<br/> 109 E. Jones Street<br/> Raleigh, NC 27601<br/> Tel: (919) 814-6555<br/> Email: John.mintz@ncdcr.gov</p>       |
| <b>TRIBAL CONTACTS</b>   |   |
| <p><b>Catawba Indian Nation</b><br/> Dr. Wenonah G. Haire<br/> THPO and Director,<br/> Catawba Cultural Preservation Project<br/> 1536 Tom Steven Road<br/> Rock Hill, SC 29730<br/> Tel: (803) 328-2427<br/> Email: wenonahh@ccppcrafts.com</p>       | <p><b>Cheyenne River Sioux Tribe</b><br/> Mr. Steve Vance<br/> Tribal Historic Preservation Officer<br/> PO Box 590<br/> Eagle Butte, SD 57625<br/> Tel: (605) 964-7554<br/> Email: steve.vance@crst-nsn.gov</p>  |
| <p><b>Chickahominy Tribe</b><br/> The Honorable Stephen Adkins, Chief<br/> 8200 Lott Cary Road<br/> Providence Forge, VA 23140<br/> Tel: (804) 829-2027<br/> Email: chiefstephenadkins@gmail.com</p>   | <p><b>Chickahominy Tribe, Eastern Division</b><br/> The Honorable Gene Pathkiller Adkins, Chief<br/> Chickahominy Tribe, Eastern Division<br/> 2895 Mt. Pleasant Road<br/> Providence Forge, VA 23140<br/> Tel: (804) 966-7815<br/> Email: pathlane@ix.netcom.com</p> |

|  |  |
|--|--|
| <p><b>The Delaware Nation</b><br/> Ms. Kim Penrod<br/> Director of Cultural Resources<br/> The Delaware Nation<br/> P.O. Box 825<br/> Andarko, OK 73005<br/> Tel: (405)-247-2448, x. 1403<br/> Email: kpenrod@delawarenation.com</p> | <p><b>Delaware Tribe of Indians</b><br/> Dr. Brice Obermeyer<br/> Historic Preservation Director<br/> Delaware Tribe of Indians<br/> Roosevelt Hall, Rm 212<br/> 1200 Commercial Street<br/> Emporia, KS 66801<br/> Tel: (918) 335-7026<br/> Email: bobermeyer@delawaretribe.org</p> |
| <p><b>Eastern Band of Cherokee Indians</b><br/> Mr. Russell Townsend<br/> THPO<br/> 2877 Governors Island Road<br/> Bryson City, NC 28713<br/> Tel: (828) 359-6851<br/> Email: russtown@nc-chokeee.com</p>                           | <p><b>Eastern Shawnee Tribe of Oklahoma</b><br/> Mr. Brett Barnes<br/> Tribal Historic Preservation Officer<br/> 12705 East 705 Road<br/> Wyandotte, OK 74370<br/> Tel: (918) 666-2435, x 1845<br/> Email: bbarnes@estoo.net</p>   |
| <p><b>Monacan Indian Nation</b><br/> The Honorable Dean Branham, Chief<br/> P.O. Box 1136<br/> Madison Heights, VA 24572<br/> Tel: (434) 946-0389<br/> Email: Mnation538@aol.com</p>   | <p><b>Muscogee (Creek) Nation</b><br/> Ms. RaeLynn Butler<br/> Manager, Historic and Cultural Preservation<br/> P.O. Box 580<br/> Okmulgee, OK 74447<br/> Tel: (918) 732-7678<br/> Email: raebutler@MCN-nsn.gov</p>  |
| <p><b>Nansemond Indian Tribal Association</b><br/> The Honorable Barry Bass, Chief<br/> Nansemond Indian Tribal Association<br/> 1001 Pembroke Land<br/> Suffolk, VA 23434</p>   | <p><b>Pawmunkey Indian Tribe</b><br/> The Honorable Robert Gray, Chief<br/> Pawmunkey Indian Tribe<br/> 1054 Pocahontas Trail<br/> King William, VA 23086<br/> Tel: (804) 339-1629<br/> Email: Rgray58@hughes.net</p>  |
| <p><b>Rappahannock Tribe</b><br/> The Honorable Anne Richardson, Chief<br/> 5036 Indian Neck Road<br/> Indian Neck, VA 23148<br/> Tel: (804) 769-0260<br/> Email: chiefannerich@aol.com</p>  | <p><b>Rosebud Sioux Tribe of Indians</b><br/> Mr. Ben Rhodd<br/> Tribal Historic Preservation Officer<br/> Rosebud Sioux Tribe of Indians<br/> Rosebud, SD 57570<br/> Tel: (605) 747-4255<br/> Email: rstthpo@yahoo.com</p>  |
| <p><b>Tuscarora Nation</b><br/> The Honorable Bryan Printup, Representative<br/> 5226 Walmore Road<br/> Lewiston, NY 14092<br/> Tel: (716) 264-6011<br/> Email: Bprintup@HETF.org</p>  | <p><b>Upper Mattaponi Tribe</b><br/> The Honorable Kenneth Adams, Chief<br/> P.O. Box 184<br/> King William, VA 23086<br/> Tel: (804) 370-5249</p>   |

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| <b>LAW ENFORCEMENT CONTACTS</b>   |  |
|---|--|
| <b>Virginia</b>   |  |
| <b>Virginia State Police</b><br>Area 43 Office (County of Pittsylvania)<br>19255 U. S. Route 29<br>Chatham, VA 24531<br>Tel: (434) 432-7287                         |  |
| <b>North Carolina</b>   |  |
| <b>North Carolina Office of the Chief Medical Examiner</b><br>(Rockingham and Alamance Counties)<br>4312 District Drive<br>Raleigh, NC 27607<br>Tel: (919) 743-9000 |  |



**MVP Southgate Project**

**Docket No. CP19-XX-000**

**Resource Report 4**

**Appendix 4-D**

**Phase I Archaeological Survey Report for Virginia  
(Privileged and Confidential Information, CUI//PRIV)**

**(Provided Under Separate Cover)**

**MVP Southgate Project**

**Docket No. CP19-XX-000**

**Resource Report 4**

**Appendix 4-E**

**Phase I Archaeological Survey Report for North Carolina**

**(Privileged and Confidential Information, CUI//PRIV)**

**(Provided Under Separate Cover)**

**MVP Southgate Project**

**Docket No. CP19-XX-000**

**Resource Report 4**

**Appendix 4-F**

**Phase I Aboveground Resources Survey Report for Virginia**

**(Privileged and Confidential Information, CUI//PRIV)**

**(Provided Under Separate Cover)**

**MVP Southgate Project**

**Docket No. CP19-XX-000**

**Resource Report 4**

**Appendix 4-G**

**Phase I Aboveground Resources Survey Report for North  
Carolina**

**(Privileged and Confidential Information, CUI//PRIV)**

**(Provided Under Separate Cover)**