# Appendix A
# Additional Tables

| Table A-1<br>Construction, Restoration, and Mitigation Plans for the Amendment Project | | |
|---|---|---|
| **Title** | **Revised (NA/Yes/No)** | **Location** |
| Modifications from the FERC Plan | Yes | https://www.ferc.gov/industries-data/natural-gas/environment/environmental-guidelines. Modifications discussed in the EA. Accession number 20250715-5108 |
| Modifications from the FERC Procedures | Yes | https://www.ferc.gov/industries-data/natural-gas/environment/environmental-guidelines. Modifications discussed in the EA. Accession number 20250903-5011 Attachment 7 |
| Acid Forming Materials (AFM) Contingency Plan | New | Accession number 20250903-5011 Attachment 7 |
| Bat Incidental Take Plan | NA | NA |
| Blasting Plan Prepared for Williams | No | The plan is applicable to the Amendment Project but has not changed from the FEIS. |
| Blasting Plan Prepared for Duke Energy | NA | NA |
| Emergency Response Plan | Yes | Accession number 20250203-5192 |
| Exotic and Invasive Species Control Plan | Yes | Accession number 20250203-5192 |
| Fire Prevention and Suppression Plan | Yes | Accession number 20250203-5192 |
| General Blasting Plan | Yes | Accession number 20250715-5108 |
| Hill View Farm Protection Plan | Yes | Accession number 20250203-5192 |
| Horizontal Directional Drill Contingency Plan | Yes | Accession number 20250203-5192 |
| Landowner Complaint Resolution Procedure | Yes | Accession number 20250203-5192 |
| Landslide Mitigation Report | Yes | Accession number 20250328-5286 |
| Wetland and Waterbody Procedures | Yes | Accession number 20250203-5192 |
| Upland, Erosion Control and Revegetation and Maintenance Plan | Yes | Accession number 20250203-5192 |
| Naturally Occurring Radioactive Materials Report | No | The plan is applicable to the Amendment Project but has not changed from the FEIS. |
| Nighttime Construction Noise Management Plan | Yes | Accession number 20250203-5192 |
| Pipeline Stream Crossing Burial Recommendations | Yes | Accession number 20250808-5160 Attachment 1-4 |
| Plan for Unanticipated Discovery of Historic Properties and Human Remains | Yes | Accession number 20250328-5286 |
| Public, Stakeholder, and Agency Participation Plan | Yes | Accession number 20250203-5192 |
| Results of Bat Surveys and Recommended Voluntary Best Management Practices to Avoid or Minimize Incidental Take of the Tricolored Bat and Little Brown Bat | NA | NA |

| Table A-1<br>Construction, Restoration, and Mitigation Plans for the Amendment Project | | |
|---|---|---|
| **Title** | **Revised (NA/Yes/No)** | **Location** |
| Spill Prevention, Control and Countermeasure Plan and Unanticipated Discovery of Contamination Plan for Construction Activities in Virginia and North Carolina | Yes | Accession number 20250203-5192 |
| Traffic and Transportation Management Plan | Yes | Accession number 20250203-5192 |
| Unanticipated Plan for Paleontological Resources | Yes | Accession number 20250203-5192 |
| Winter Construction Plan | Yes | Accession number 20250203-5192 |
| Water Resources Identification and Testing Plan | Yes | Accession number 20250203-5192 |
| Wetland, Streambank, and Riparian Buffer Repair and Stabilization Plan | NA | NA |
| Migratory Bird Conservation Plan | New | Accession number 20250808-5160 |
| NA = Construction Plan is no longer applicable to the Amendment Project<br>The table has been updated to reflect, as necessary, revisions and updates to plans since issuance of the FEIS. Mountain Valley also created two new plans for the Amendment Project. Mountain Valley's plans can be viewed on the FERC website at http://www.ferc.gov. Using the "eLibrary" link, select "Advanced Search" from the eLibrary menu and enter the accession number listed in the table in the "Numbers: Accession Number" field. | | |

**Table A-2**
**Bedrock Geology Crossed by the Amendment Project Outside the Certificated Project Footprint**

| Start MP | End MP | Crossing Length (miles) | Formation | Primary Rock Type | Secondary Rock Type | Map Symbol |
|---|---|---|---|---|---|---|
| 0.00 | 0.06 | 0.06 | Upper Triassic | Sandstone | Siltstone | TRss |
| 0.06 | 0.20 | 0.14 | Upper Triassic | Conglomerate | Mixed Clasts | TRc |
| 0.20 | 0.64 | 0.44 | Upper Triassic | Sandstone | Siltstone | TRss |
| 0.64 | 1.20 | 0.55 | Upper Triassic | Conglomerate | Mixed Clasts | TRc |
| 1.20 | 1.46 | 0.26 | Proterozoic Z – Cambrian | Mica-schist | Gneiss | Zfm |
| 2.14 | 15.36 | 13.22 | Proterozoic Z – Cambrian | Mica-schist | Gneiss | Zfm |
| 15.36 | 16.59 | 1.23 | Upper Triassic | Conglomerate | Mixed Clasts | TRc |
| 16.59 | 17.53 | 0.93 | Upper Triassic | Sandstone | Undifferentiated | TRs |
| 17.53 | 18.43 | 0.90 | Upper Triassic | Sandstone | Siltstone | TRss |
| 19.09 | 21.04 | 1.95 | Proterozoic Z | Biotite-gneiss | Amphibolite | Zau |
| 21.48 | 22.77 | 1.29 | Proterozoic – Paleozoic | Mylonite | Gneiss | my |
| 22.77 | 25.27 | 2.50 | Upper Triassic | Sandstone | Siltstone | TRss |
| 25.27 | 26.76 | 1.49 | Triassic | Sandstone | Siltstone | TRcs |
| 26.76 | 29.65 | 2.89 | Triassic | Sandstone | Mudstone | TRdp |
| 29.65 | 30.03 | 0.37 | Triassic | Mudstone | Sandstone | TRdc |
| 30.03 | 31.36 | 1.34 | Triassic | Sandstone | Mudstone | TRdp |

All the crossings listed are for the Amendment Project H-650 pipeline.

Source: Mountain Valley, August 8, 2025, supplemental filing table 6-B-1 of Attachment G-1, FERC Accession Number 20250808-5160.

**Table A-3**
**Waterbodies Crossed by the Amendment Project**

| Facility / County, State / Waterbody ID [a/] | Approx. MP [b/] | Waterbody Name | Flow Type [c/] | Crossing Width (feet) [d/] | FERC Class [e/] | Fishery Classification [f/] | State Water Quality Classification [g/] | Crossing Method [h/] |
|---|---|---|---|---|---|---|---|---|
| **H-650 Pipeline** | | | | | | | | |
| *Pittsylvania, VA* | | | | | | | | |
| S-A005 | 0.1 | Trib. to Little Cherrystone Creek | Intermittent | 12.54 | Minor | WWH | Class III | Dry-ditch open-cut |
| S-A006 | 0.4 | Trib. to Cherrystone Creek | Ephemeral | 2.81 | Minor | WWH | Class III | Conventional bore |
| S-A004 | 0.7 | Little Cherrystone Creek | Perennial | 19.93 | Intermediate | WWH | Class III | Dry-ditch open-cut |
| S-A002 | 0.8 | Trib. to Little Cherrystone Creek | Intermittent | 3.80 | Minor | WWH | Class III | Conventional bore |
| S-A003 | 0.8 | Trib. to Little Cherrystone Creek | Intermittent | 0.00 | Minor | WWH | Class III | Conventional bore |
| S-A013 | 1.3 | Trib. to Cherrystone Creek | Ephemeral | 0.00 | Minor | WWH | Class III | Workspace only |
| S-A012 | 1.4 | Trib. to Cherrystone Creek | Perennial | 3.90 | Minor | WWH | Class III | Dry-ditch open-cut |
| S-A010 | 1.6 | Trib. to Cherrystone Creek | Ephemeral | 0.00 | Minor | WWH | Class III | Workspace only |
| S-A009 | 1.7 | Trib. to Cherrystone Creek | Intermittent | 6.12 | Minor | WWH | Class III | Dry-ditch open-cut |
| S-A008 | 2 | Cherrystone Creek | Perennial | 28.03 | Intermediate | WWH | Class III | Conventional bore |
| S-A018 | 3.5 | Trib. to White Oak Creek | Intermittent | 3.59 | Minor | WWH | Class III | Dry-ditch open-cut |
| S-A019 | 3.9 | Trib. to White Oak Creek | Intermittent | 12.82 | Intermediate | WWH | Class III | Dry-ditch open-cut |
| S-A015 | 4.3 | Trib. to White Oak Creek | Ephemeral | 5.13 | Minor | WWH | Class III | Conventional bore |
| S-A017 | 4.4 | Trib. to White Oak Creek | Intermittent | 4.97 | Minor | WWH | Class III | Dry-ditch open-cut |

**Table A-3**
**Waterbodies Crossed by the Amendment Project**

| Facility / County, State / Waterbody ID [a/] | Approx. MP [b/] | Waterbody Name | Flow Type [c/] | Crossing Width (feet) [d/] | FERC Class [e/] | Fishery Classification [f/] | State Water Quality Classification [g/] | Crossing Method [h/] |
|---|---|---|---|---|---|---|---|---|
| S-B060 | 5.2 | Trib. to White Oak Creek | Ephemeral | 1.87 | Minor | WWH | Class III | Dry-ditch open-cut |
| S-A020 | 5.3 | Banister River | Perennial | 46.19 | Intermediate | WWH | Class III | Conventional bore |
| S-A021 | 5.3 | White Oak Creek | Perennial | 29.63 | Intermediate | WWH | Class III | Dry-ditch open-cut |
| S-A022 | 5.4 | White Oak Creek | Perennial | 21.39 | Intermediate | WWH | Class III | Dry-ditch open-cut |
| S-A066 | 6.4 | Trib. to White Oak Creek | Ephemeral | 0.00 | Minor | WWH | Class III | Workspace only |
| S-A067 | 6.5 | Trib. to White Oak Creek | Ephemeral | 0.00 | Minor | WWH | Class III | Avoiding |
| S-A028 | 7 | Trib. to White Oak Creek | Ephemeral | 8.18 | Minor | WWH | Class III | Dry-ditch open-cut |
| S-A027 | 7.3 | Trib. to White Oak Creek | Perennial | 4.63 | Minor | WWH | Class III | Dry-ditch open-cut |
| S-A026 | 7.3 | Trib. to White Oak Creek | Perennial | 5.34 | Minor | WWH | Class III | Dry-ditch open-cut |
| S-A025 | 7.9 | Trib. to White Oak Creek | Intermittent | 4.63 | Minor | WWH | Class III | Dry-ditch open-cut |
| S-A024 | 8.3 | Trib. to White Oak Creek | Perennial | 10.35 | Minor | WWH | Class III | Dry-ditch open-cut |
| S-A001 | 8.9 | Trib. to White Oak Creek | Intermittent | 9.60 | Minor | WWH | Class III | Dry-ditch open-cut |
| S-A029 | 8.9 | Trib. to White Oak Creek | Perennial | 15.43 | Intermediate | WWH | Class III | Dry-ditch open-cut |
| S-A030 | 9.2 | Trib. to White Oak Creek | Ephemeral | 0.00 | Minor | WWH | Class III | Avoiding |
| S-A031 | 9.4 | Trib. To White Oak Creek | Perennial | 0.00 | Minor | WWH | Class III | Dry-Ditch Open-cut |
| S-A032 | 10.2 | Trib. to White Oak Creek | Intermittent | 2.32 | Minor | WWH | Class III | Dry-ditch open-cut |

**Table A-3**
**Waterbodies Crossed by the Amendment Project**

| Facility / County, State / Waterbody ID [a/] | Approx. MP [b/] | Waterbody Name | Flow Type [c/] | Crossing Width (feet) [d/] | FERC Class [e/] | Fishery Classification [f/] | State Water Quality Classification [g/] | Crossing Method [h/] |
|---|---|---|---|---|---|---|---|---|
| S-A033a | 10.3 | White Oak Creek | Perennial | 9.86 | Minor | WWH | Class III | Dry-ditch open-cut |
| S-A034 | 10.4 | Trib. to White Oak Creek | Ephemeral | 3.51 | Minor | WWH | Class III | Dry-ditch open-cut |
| S-A036 | 11.4 | Trib. to Sandy Creek | Intermittent | 35.26 | Minor | WWH | Class III | Dry-ditch open-cut |
| S-A037 | 11.4 | Trib. to Sandy Creek | Intermittent | 0.00 | Minor | WWH | Class III | Dry-ditch open-cut |
| S-A038 | 11.4 | Trib. to Sandy Creek | Ephemeral | 1.75 | Minor | WWH | Class III | Dry-ditch open-cut |
| S-A039 | 11.5 | Trib. to Sandy Creek | Ephemeral | 2.99 | Minor | WWH | Class III | Conventional bore |
| S-A039-Braid1 | 11.5 | Trib. to Sandy Creek | Ephemeral | 2.72 | Minor | WWH | Class III | Conventional bore |
| S-A040 | 11.7 | Trib. to Sandy Creek | Ephemeral | 0.00 | Minor | WWH | Class III | Dry-ditch open-cut |
| S-A041 | 11.7 | Trib. to Sandy Creek | Intermittent | 0.00 | Minor | WWH | Class III | Dry-ditch open-cut |
| S-A042 | 11.7 | Trib. to Sandy Creek | Perennial | 16.08 | Minor | WWH | Class III | Dry-ditch open-cut |
| S-A043 | 12 | Trib. to Sandy Creek | Perennial | 3.29 | Minor | WWH | Class III | Dry-ditch open-cut |
| S-A044 | 12.2 | Trib. to Sandy Creek | Perennial | 9.27 | Minor | WWH | Class III | Dry-ditch open-cut |
| S-A045 | 13.1 | Sandy Creek | Perennial | 20.22 | Intermediate | WWH | Class III | Dry-ditch open-cut |
| S-A046 | 13.8 | Trib. to Sandy Creek | Perennial | 18.84 | Minor | WWH | Class III | Dry-ditch open-cut |

**Table A-3**
**Waterbodies Crossed by the Amendment Project**

| Facility / County, State / Waterbody ID [a/] | Approx. MP [b/] | Waterbody Name | Flow Type [c/] | Crossing Width (feet) [d/] | FERC Class [e/] | Fishery Classification [f/] | State Water Quality Classification [g/] | Crossing Method [h/] |
|---|---|---|---|---|---|---|---|---|
| S-A049 | 14.7 | Trib. to Sandy Creek | Perennial | 7.99 | Intermediate | WWH | Class III | Dry-ditch open-cut |
| S-A048 | 15.1 | Trib. to Sandy Creek | Intermittent | 4.24 | Minor | WWH | Class III | Dry-ditch open-cut |
| S-A070 | 15.6 | Trib. to Sandy River | Intermittent | 3.74 | Minor | WWH | Class III | Dry-ditch open-cut |
| S-A051 | 16.1 | Trib. to Silver Creek | Perennial | 13.45 | Intermediate | WWH | Class III | Conventional bore |
| S-A050 | 16.3 | Trib. to Sandy River | Intermittent | 2.66 | Minor | WWH | Class III | Dry-ditch open-cut |
| S-A052 | 16.4 | Trib. to Sandy River | Perennial | 26.62 | Minor | WWH | Class III | Dry-ditch open-cut |
| S-A054 | 16.6 | Trib. to Sandy River | Perennial | 2.85 | Minor | WWH | Class III | Dry-ditch open-cut |
| S-A055 | 16.6 | Trib. to Sandy River | Intermittent | 2.44 | Minor | WWH | Class III | Dry-ditch open-cut |
| S-A057 | 17.2 | Trib. to Sandy River | Intermittent | 5.69 | Minor | WWH | Class III | Dry-ditch open-cut |
| S-A058 | 17.4 | Trib. to Sandy River | Intermittent | 8.06 | Minor | WWH | Class III | Conventional bore |
| S-A071 | 17.7 | Trib. to Sandy River | Perennial | 17.24 | Minor | WWH | Class III | Dry-ditch open-cut |
| S-A063A | 18.2 | Sandy River | Perennial | 83.96 | Intermediate | WWH | Class III | HDD |
| S-A059 | 18.4 | Trib. to Sandy River | Intermittent | 2.90 | Minor | WWH | Class III | HDD |
| S-B059 | 19.9 | Trib. to Sandy River | Ephemeral | 3.39 | Minor | WWH | Class III | Dry-ditch open-cut |
| S-B046 | 20.1 | Trib. to Sandy River | Perennial | 3.33 | Minor | WWH | Class III | Dry-ditch open-cut |

| Table A-3<br>Waterbodies Crossed by the Amendment Project | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| **Facility / County, State / Waterbody ID** [a/] | **Approx. MP** [b/] | **Waterbody Name** | **Flow Type** [c/] | **Crossing Width (feet)** [d/] | **FERC Class** [e/] | **Fishery Classification** [f/] | **State Water Quality Classification** [g/] | **Crossing Method** [h/] |
| S-B045 | 20.8 | Trib. to Trotters Creek | Perennial | 5.88 | Minor | WWH | Class III; PWS | Dry-ditch open-cut |
| S-B044a | 21 | Trib. to Trotters Creek | Perennial | 3.13 | Minor | WWH | Class III; PWS | Dry-ditch open-cut |
| S-B043 | 21.4 | Trib. to Trotters Creek | Perennial | 9.16 | Minor | WWH | Class III; PWS | Conventional bore |
| S-B041 | 21.6 | Trib. to Trotters Creek | Intermittent | 1.40 | Minor | WWH | Class III; PWS | Dry-ditch open-cut |
| S-B042 | 21.7 | Trib. to Trotters Creek | Perennial | 3.34 | Minor | WWH | Class III; PWS | Dry-ditch open-cut |
| S-B040 | 22.4 | Trib. to Trotters Creek | Intermittent | 0.00 | Minor | WWH | Class III; PWS | Dry-ditch open-cut |
| S-B032 | 22.5 | Trib. to Trotters Creek | Intermittent | 1.88 | Minor | WWH | Class III; PWS | Dry-ditch open-cut |
| S-B033 | 22.6 | Trib. to Trotters Creek | Intermittent | 3.59 | Minor | WWH | Class III; PWS | Dry-ditch open-cut |
| S-B038 | 22.9 | Trib. to Trotters Creek | Intermittent | 0.00 | Minor | WWH | Class III | Workspace only |
| S-B039 | 23.1 | Trib. to Trotters Creek | Ephemeral | 3.34 | Minor | WWH | Class III | Dry-ditch open-cut |
| S-B061 | 23.6 | Trib. to White Oak Creek | Ephemeral | 2.40 | Minor | WWH | Class III | Dry-ditch open-cut |
| S-B029 | 23.6 | Trotters Creek | Perennial | 14.33 | Minor | WWH | Class III; PWS | Dry-ditch open-cut |
| S-B030 | 24 | Trib. to Dan River | Ephemeral | 0.00 | Minor | WWH | Class III; PWS | Conventional bore |
| S-B031 | 24 | Trib. to Dan River | Ephemeral | 0.00 | Minor | WWH | Class III; PWS | Conventional bore |
| S-B024 | 24.4 | Trib. to Dan River | Intermittent | 6.23 | Minor | WWH | Class III | Conventional bore |

**Table A-3**
**Waterbodies Crossed by the Amendment Project**

| Facility / County, State / Waterbody ID [a/] | Approx. MP [b/] | Waterbody Name | Flow Type [c/] | Crossing Width (feet) [d/] | FERC Class [e/] | Fishery Classification [f/] | State Water Quality Classification [g/] | Crossing Method [h/] |
|---|---|---|---|---|---|---|---|---|
| S-B025 | 24.4 | Trib. to Dan River | Ephemeral | 0.00 | Minor | WWH | Class III | Conventional bore |
| S-B023 | 24.5 | Trib. to Dan River | Ephemeral | 0.00 | Minor | WWH | Class III; PWS | Workspace only |
| S-B022 | 24.6 | Trib. to Dan River | Ephemeral | 0.00 | Minor | WWH | Class III | Conventional bore |
| S-B056 | 25 | Trib. to Dan River | Ephemeral | 2.30 | Minor | WWH | Class III | Dry-ditch open-cut |
| S-B055 | 25.4 | Trib. to Dan River | Intermittent | 0.00 | Minor | WWH | Class III | Workspace Only |
| S-B054 | 25.5 | Trib. to Dan River | Perennial | 3.99 | Minor | WWH | Class III; PWS | Dry-ditch open-cut |
| S-B052 | 25.8 | Trib. to Dan River | Perennial | 8.33 | Minor | WWH | Class III; PWS | Dry-ditch open-cut |
| S-B051 | 26.4 | Trib. to Dan River | Perennial | 8.09 | Minor | WWH | Class III; PWS | Dry-ditch open-cut |
| S-B020 | 26.5 | Trib. to Dan River | Intermittent | 4.18 | Minor | WWH | Class III; PWS | Conventional bore |
| *Rockingham, NC* | | | | | | | | |
| S-F002 | 27.2 | Trib. to Cascade Creek | Ephemeral | 0.00 | Minor | WWH | Class C | Avoiding |
| S-F005 | 27.4 | NA | Perennial | 3.40 | Minor | WWH | Class C | Dry-ditch open-cut |
| S-B036 | 28 | Trib. to Cascade Creek | Intermittent | 10.17 | Minor | WWH | Class C | Conventional bore |
| S-B034 | 28.2 | Cascade Creek | Perennial | 81.07 | Intermediate | WWH | Class C | Conventional bore |
| S-B035 | 28.2 | Dry Creek | Perennial | 33.68 | Intermediate | WWH | Class C | Conventional bore |
| S-B015 | 29.1 | Trib. to Dan River | Intermittent | 5.19 | Minor | WWH | Class C | Dry-ditch open-cut |
| S-B015a | 29.1 | Trib. to Dan River | Ephemeral | 0.00 | Minor | WWH | Class C | Workspace only |

| Table A-3<br>Waterbodies Crossed by the Amendment Project | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| **Facility / County, State / Waterbody ID** [a/] | **Approx. MP** [b/] | **Waterbody Name** | **Flow Type** [c/] | **Crossing Width (feet)** [d/] | **FERC Class** [e/] | **Fishery Classification** [f/] | **State Water Quality Classification** [g/] | **Crossing Method** [h/] |
| S-B016 | 29.1 | Trib. to Dan River | Ephemeral | 0.00 | Minor | WWH | Class C | Workspace only |
| S-B014 | 29.1 | NA | Ephemeral | 0.00 | Minor | WWH | Class C | Workspace only |
| S-B017 | 29.3 | Trib. to Dan River | Ephemeral | 2.31 | Minor | WWH | Class C | Dry-ditch open-cut |
| S-B011 | 29.5 | Trib. to Dan River | Intermittent | 4.80 | Minor | WWH | Class C | Dry-ditch open-cut |
| S-B010 | 29.8 | Trib. to Dan River | Ephemeral | 0.00 | Minor | WWH | Class C | Workspace only |
| S-B009 | 30 | Trib. to Dan River | Ephemeral | 3.51 | Minor | WWH | Class C | Dry-ditch open-cut |
| S-B008 | 30.3 | Trib. to Dan River | Intermittent | 6.44 | Minor | WWH | Class C | Dry-ditch open-cut |
| S-B005 | 30.8 | Dan River | Perennial | 204.79 | Major | WWH | Class C | HDD |
| S-B004 | 30.9 | NA | Ephemeral | 0.00 | Minor | WWH | Class C | HDD |
| S-B003 | 31 | NA | Intermittent | 0.00 | Minor | WWH | Class C | HDD |
| S-B002 | 31.1 | NA | Intermittent | 3.50 | Minor | WWH | Class C | Dry-ditch open-cut |
| **Temporary Access Roads** | | | | | | | | |
| *Pittsylvania, VA* | | | | | | | | |
| S-A007-TA-PI-005 | 2.5 | Trib. to Cherrystone Creek | Intermittent | 0.00 | Minor | WWH | Class III | Workspace only |
| S-A069- TA-PI-018 | 7.2 | Trib. to White Oak Creek | Intermittent | 0.00 | Minor | WWH | Class III | Workspace only |
| S-A047-TA-PI-035 | 14.7 | Trib. to Sandy Creek | Perennial | 8.80 | Minor | WWH | Class III | Bridge |
| S-A053-TA-PI-043 | 17.5 | NA | Intermittent | 0.00 | Minor | WWH | Class III | Bridge |
| S-A065-TA-PI-043 | 17.6 | Trib. to Lower Sandy River | Ephemeral | 0.00 | Minor | WWH | Class III | Workspace only |

**Table A-3**
**Waterbodies Crossed by the Amendment Project**

| Facility / County, State / Waterbody ID [a/] | Approx. MP [b/] | Waterbody Name | Flow Type [c/] | Crossing Width (feet) [d/] | FERC Class [e/] | Fishery Classification [f/] | State Water Quality Classification [g/] | Crossing Method [h/] |
|---|---|---|---|---|---|---|---|---|
| L039-1-VA i/ | 20.9 | Trib. to Trayner Branch | Ephemeral | 0.00 | Minor | WWH | Class III | Avoiding |
| L039-2-VA i/ | 20.9 | Trib. to Trayner Branch | Intermittent | 0.00 | Minor | WWH | Class III | Avoiding |
| S-B026-TA-PI-061 | 23.1 | Trib. to Trotters Creek | Intermittent | 2.07 | Minor | WWH | Class III; PWS | Bridge |
| S-B027-TA-PI-061 | 23.1 | Trib. to Trotters Creek | Intermittent | 0.00 | Minor | WWH | Class III; PWS | Workspace only |
| S-B028-TA-PI-061 | 23.2 | Trib. to Trotters Creek | Ephemeral | 5.50 | Minor | WWH | Class III | Bridge |
| *Rockingham, NC* | | | | | | | | |
| S-F007-TA-RO-072 | 27.6 | Trib. to Cascade Creek | Ephemeral | 0.00 | Minor | WWH | Class C | Workspace only |
| S-F008-TA-RO-072 | 27.6 | Trib. to Cascade Creek | Ephemeral | 0.00 | Minor | WWH | Class C | Workspace only |
| S-B013-TA-RO-076 | 29 | Trib. to Dan River | Intermittent | 0.00 | Minor | WWH | Class C | Workspace only |
| S-B014- TA-RO-076 | 29.1 | Trib. to Dan River | Ephemeral | 0.00 | Minor | WWH | Class C | Workspace only |
| S-B007-TA-RO-080 | 30.5 | Trib. to Town Creek | Intermittent | 0.00 | Minor | WWH | Class C | Workspace only |
| S-B006-TA-RO-080A | 30.9 | Trib. to Town Creek | Intermittent | 0.00 | Minor | WWH | Class C | Workspace only |
| S-B002-TA-RO-083 | 31.1 | Trib. to Town Creek | Intermittent | 0.00 | Minor | WWH | Class C | Bridge |

Source: Mountain Valley September 3, 2025 Environmental Information Request Response Attachment 2. FERC Accession Number 20250903-5011.

Note: Features within this table incorporate updated survey data as collected by Mountain Valley in 2024 and 2025 and in coordination with the US Army Corps of Engineers (COE), Virginia Department of Environmental Quality (VADEQ), and North Carolina Department of Environmental Quality (NCDEQ), and discussions with Transco. All waterbodies crossed by the construction right-of-way, regardless of crossing method, have been included in this table.

[a]/ Data are based on updated field delineations conducted by Mountain Valley as of March 2025 following field verification in consultation with COE and VADEQ (i.e., waterbody characteristics and boundaries are considered final, where access has been obtained, National Hydrography Database [NHD], and desktop analysis of

**Table A-3**
**Waterbodies Crossed by the Amendment Project**

| Facility / County, State / Waterbody ID [a/] | Approx. MP [b/] | Waterbody Name | Flow Type [c/] | Crossing Width (feet) [d/] | FERC Class [e/] | Fishery Classification [f/] | State Water Quality Classification [g/] | Crossing Method [h/] |
|---|---|---|---|---|---|---|---|---|

approximated resources. "S" indicates stream.

[b/] MP is the closest milepost to waterbody.

[c/] Perennial: flowing throughout the year for all or most years. Intermittent: flowing water during certain times of the year. Ephemeral: flowing water only during short periods of the year in response to precipitation. For delineated waterbodies, flow type in North Carolina was determined by Mountain Valley using the North Carolina Division of Water Quality (NCDWQ) Stream Identification Form Version 4.11, and flow type in Virginia has been field estimated by Mountain Valley. For approximated waterbodies, flow type was estimated by Mountain Valley based on aerial imagery unless the approximated stream is directly associated with a delineated waterbody, in which the approximated waterbody was assigned the same flow type as the associated delineated waterbody.

[d/] Crossing width is the intersection of the waterbody and the centerline of the pipeline or an access road (i.e., the approximate length of the pipeline centerline or access road from streambank to streambank). If the crossing width is "0.00", the waterbody would not be crossed by the centerline.

[e/] FERC Classification from FERC Procedures. Minor (<10 feet); Intermediate (>10 - <100 feet); Major (>100 feet).

[f/] WWH - Warm Water Habitat.

[g/] Reference dataset for Virginia Water Quality Standards for all free-flowing, freshwater streams, rivers, and flowpaths within the Virginia state boundary per 9VAC-25-260. North Carolina Surface Water Quality Classifications per North Carolina Surface Water Quality 15A NCAC 02B (NCDEQ 2024c; NCDWR 2024b). In Virginia, III = Nontidal Waters (Coastal and Piedmont Zones), PWS = Public Water Supply. In North Carolina, C = Aquatic Life, Secondary Contact Recreation, Fresh Water

[h/] Crossing methods are generally considered final and have been determined in coordination with VADEQ; however, Mountain Valley's coordination with VADEQ is ongoing. Mountain Valley would file with the Commission, any changes to proposed crossing methods, if made. Waterbodies designated as "Avoiding" would be located within the construction workspace but would not be directly impacted by construction through the installation of the pipeline or by construction equipment crossings (i.e., would be avoided). Such features would be protected with high-visibility fencing or equivalent barriers and appropriate erosion and sediment controls to allow adjacent construction without disturbance or impact. However, as these features would be located within the construction workspace, they have been included in this table.

[i/] Feature delineated by Transco and added at the request of the VADEQ. Mountain Valley has committed to avoiding impacts to these features.

Mountain Valley will replace culverts at streams S-A007, S-A065, S-B006, and S-B007.

**Table A-4**
**Surface Water Usage for the Amendment Project**

| Hydrostatic Test Segment or HDD Crossing | Hydrostatic Start MP | Hydrostatic End MP | Required Water for Hydrostatic Testing (gallons) | Required Water for HDD Operations (gallons) | Required Water for Dust Control | Proposed Water Source | | Proposed Discharge Location | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | MP | Water Source | MP | Watershed | Volume |
| 1 | 0 | 17.6 | 3,300,000 | N/A | N/A | 30.8 | Dan River (Primary) / Municipal (Secondary) | 31.3 | Town Creek-Dan River | 3,300,000 |
| 2 | 17.6 | 31.3 | 2,600,000 | N/A | N/A | | | | | |
| Sandy River (MP 18.5) | N/A | N/A | 140,000 | 1,150,000 | N/A | N/A | Dan River (Primary) / Municipal (Secondary) | N/A | N/A | N/A |
| Dan River (MP 30.6) | N/A | N/A | 85,000 | 703,000 | N/A | N/A | | N/A | N/A | N/A |
| N/A | N/A | N/A | N/A | N/A | 30,000/day (as needed)[a] | 30.8 | Dan River (Primary) / Municipal (Secondary) | N/A | N/A | N/A |

Mountain Valley August 8, 2025 Table 2.3-7 and Table 2.3-8 of Attachment G-3. FERC Accession Number 20250808-5160. Mountain Valley September 3, 2025 Environmental Information Request Response at 30. FERC Accession Number 20250903-5011.

[a] Withdraws would be conducted to maintain minimum pass-by flows equal to or at least 90 percent of instantaneous riverflow, and achieve a through-screen approach velocity less than 0.25 foot per second with a maximum capacity of 2,000 gallons per minute or approximately 4.5 cubic feet per second.

| Table A-5<br>Wetlands Crossed by the Amendment Project | | | | | |
|---|---|---|---|---|---|
| **Facility / County, State / Waterbody ID [a/]** | **Wetland Type [b/]** | **Approx. MP** | **Total Construction Impacts (acres) [d/]** | **Total Operation Vegetation Impacts (acres) [e/]** | **Construction Crossing Method [f/]** |
| **H-650 Pipeline** | | | | | |
| *Pittsylvania, VA* | | | | | |
| W-A004 | PEM | 0.2 | 0.04 | <0.00 | Dry-ditch open-cut |
| W-A006 | PFO | 0.4 | 0.09 | 0.04 | Conventional bore |
| W-A003a | PFO | 0.6 | 0.38 | 0.19 | Dry-ditch open-cut |
| W-A003b | PEM | 0.6 | 0.10 | <0.00 | Dry-ditch open-cut |
| W-A001 | PEM | 0.9 | 0.15 | 0.02 | Conventional bore |
| W-A014a | PEM | 1.3 | 0.01 | <0.00 | Dry-ditch open-cut |
| W-A079 | PEM | 1.4 | <0.00 | 0.00 | Workspace only |
| W-A013c | PFO | 1.7 | 0.07 | 0.04 | Dry-ditch open-cut |
| W-A013b | PSS | 1.8 | 0.14 | 0.14 | Dry-ditch open-cut |
| W-A013d | PFO | 1.8 | 0.22 | 0.03 | Workspace only |
| W-A013a | PEM | 1.9 | 1.02 | 0.09 | Dry-ditch open-cut |
| W-A011 | PEM | 2 | 0.04 | 0.01 | Conventional bore |
| W-A012 | PSS | 2 | 0.01 | 0.00 | Avoiding |
| W-A010b | PFO | 2.2 | 1.19 | 0.55 | Dry-ditch open-cut |
| W-A010a | PEM | 2.3 | 2.29 | 0.29 | Dry-ditch open-cut |
| W-A010c | PSS | 2.3 | 0.04 | 0.00 | Dry-ditch open-cut |
| W-A009 | PEM | 2.5 | 0.04 | 0.01 | Dry-ditch open-cut |
| W-A050 | PEM | 2.5 | 0.01 | 0.00 | Workspace only |
| W-A053 | PEM | 2.5 | <0.00 | 0.00 | Workspace only |
| W-A080 | PEM | 2.5 | <0.00 | 0.00 | Avoiding |
| W-A019 | PFO | 3.9 | 0.07 | 0.03 | Dry-ditch open-cut |
| W-A075 | PEM | 4.3 | <0.00 | 0.00 | Avoiding |
| W-A072 | PFO | 4.4 | <0.00 | 0.00 | Conventional bore |
| W-A073a | PEM | 5.2 | 0.27 | 0.02 | Dry-ditch open-cut |
| W-A073b | PFO | 5.2 | 0.19 | 0.10 | Dry-ditch open-cut |

| Table A-5<br>Wetlands Crossed by the Amendment Project | | | | | |
|---|---|---|---|---|---|
| **Facility / County, State / Waterbody ID [a/]** | **Wetland Type [b/]** | **Approx. MP** | **Total Construction Impacts (acres) [d/]** | **Total Operation Vegetation Impacts (acres) [e/]** | **Construction Crossing Method [f/]** |
| W-A020 | PFO | 5.3 | 0.04 | 0.02 | Dry-ditch open-cut |
| W-A021 | PFO | 5.4 | 0.06 | 0.03 | Dry-ditch open-cut |
| W-A023 | PFO | 5.4 | 0.13 | 0.05 | Dry-ditch open-cut |
| W-A022 | PFO | 5.5 | 1.00 | 0.32 | Dry-ditch open-cut |
| W-A068 | PEM | 6 | 0.02 | <0.00 | Dry-ditch open-cut |
| W-A032 | PEM | 6.9 | 0.01 | <0.00 | Dry-ditch open-cut |
| W-A069 | PFO | 6.9 | 0.01 | 0.00 | Workspace only |
| W-A070a | PEM | 6.9 | 0.02 | 0.00 | Dry-ditch open-cut |
| W-A070b | PEM | 6.9 | 0.01 | 0.00 | Dry-ditch open-cut |
| W-A070c | PFO | 6.9 | 0.10 | 0.04 | Dry-ditch open-cut |
| W-A027 | PEM | 7.3 | 0.01 | 0.00 | Workspace only |
| W-A026 | PEM | 7.9 | 0.01 | 0.00 | Workspace only |
| W-A025a | PEM | 8.3 | 0.01 | 0.00 | Workspace only |
| W-A025b | PFO | 8.3 | 0.01 | 0.01 | Dry-ditch open-cut |
| W-A017 | PEM | 8.7 | 0.18 | 0.03 | Dry-ditch open-cut |
| W-A028 | PFO | 8.9 | 0.10 | 0.04 | Dry-ditch open-cut |
| W-A029a | PEM | 8.9 | 0.07 | 0.01 | Dry-ditch open-cut |
| W-A029b | PFO | 8.9 | 0.17 | 0.07 | Dry-ditch open-cut |
| W-A030a | PEM | 9.4 | 0.10 | <0.00 | Dry-ditch open-cut |
| W-A030b | PSS | 9.4 | 0.07 | 0.00 | Dry-ditch open-cut |
| W-A031 | PFO | 10.2 | 0.20 | 0.07 | Dry-ditch open-cut |
| W-A033 | PFO | 10.3 | 0.08 | 0.03 | Dry-ditch open-cut |
| W-A034 | PFO | 10.4 | 0.03 | 0.01 | Dry-ditch open-cut |
| W-A035 | PSS | 10.4 | <0.00 | 0.00 | Dry-ditch open-cut |
| W-A036 | PSS | 11.4 | 0.03 | 0.00 | Workspace only |
| W-A037 | PEM | 11.7 | <0.00 | 0.00 | Workspace only |
| W-A038 | PSS | 11.7 | 0.02 | 0.00 | Workspace only |

| Table A-5<br>Wetlands Crossed by the Amendment Project | | | | | |
|---|---|---|---|---|---|
| **Facility / County, State / Waterbody ID [a/]** | **Wetland Type [b/]** | **Approx. MP** | **Total Construction Impacts (acres) [d/]** | **Total Operation Vegetation Impacts (acres) [e/]** | **Construction Crossing Method [f/]** |
| W-A039 | PFO | 12 | 0.06 | 0.03 | Dry-ditch open-cut |
| W-A040 | PEM | 12 | 0.02 | 0.00 | Workspace only |
| W-A081 | PEM | 12.2 | <0.00 | 0.00 | Workspace only |
| W-A041 | PFO | 13.1 | 0.02 | 0.01 | Dry-ditch open-cut |
| W-A042 | PEM | 13.1 | <0.00 | 0.00 | Workspace only |
| W-A043 | PEM | 13.1 | 0.00 | 0.00 | Workspace only |
| W-A044 | PFO | 13.8 | 0.13 | 0.04 | Dry-ditch open-cut |
| W-A045 | PFO | 13.8 | 0.08 | 0.03 | Dry-ditch open-cut |
| W-A049a | PFO | 14.7 | 0.11 | 0.05 | Dry-ditch open-cut |
| W-A049b | PEM | 14.7 | 0.02 | 0.00 | Workspace only |
| W-A048 | PEM | 15.1 | 0.01 | 0.00 | Dry-ditch open-cut |
| W-A076 | PEM | 16.1 | <0.00 | 0.00 | Workspace only |
| W-A051 | PEM | 16.6 | 0.03 | 0.01 | Dry-ditch open-cut |
| W-A052a | PSS | 17.1 | 0.01 | 0.00 | Avoiding |
| W-A052c | PFO | 17.1 | 0.01 | <0.00 | Avoiding |
| W-A054 | PEM | 17.2 | 0.10 | 0.01 | Dry-ditch open-cut |
| W-A071a | PEM | 18.4 | <0.00 | 0.00 | Avoiding |
| W-A071b | PSS | 18.4 | 0.01 | 0.00 | Workspace only |
| W-A063 | PEM | 18.9 | <0.00 | 0.00 | Workspace only |
| W-B043 | PFO | 20.2 | 0.04 | 0.01 | Dry-ditch open-cut |
| W-B042a | PEM | 20.8 | 0.06 | <0.00 | Workspace only |
| W-B042b | PSS | 20.8 | 0.08 | 0.01 | Dry-ditch open-cut |
| W-B041 | PSS | 21 | 0.01 | 0.00 | Dry-ditch open-cut |
| W-B039a | PEM | 21.4 | 0.03 | 0.00 | Avoiding |
| W-B039b | PFO | 21.4 | 0.06 | 0.04 | Conventional bore |
| W-B038a | PEM | 21.6 | 0.08 | 0.01 | Dry-ditch open-cut |
| W-B038b | PFO | 21.6 | 0.10 | 0.06 | Dry-ditch open-cut |

| Table A-5<br>Wetlands Crossed by the Amendment Project | | | | | |
|---|---|---|---|---|---|
| **Facility / County, State / Waterbody ID [a/]** | **Wetland Type [b/]** | **Approx. MP** | **Total Construction Impacts (acres) [d/]** | **Total Operation Vegetation Impacts (acres) [e/]** | **Construction Crossing Method [f/]** |
| W-B038c | PEM | 21.7 | 0.09 | <0.00 | Workspace only |
| W-B037b | PFO | 22.2 | <0.00 | 0.00 | Workspace only |
| W-F002a | PEM | 22.3 | 0.01 | 0.00 | Workspace only |
| W-F002b | PFO | 22.3 | 0.02 | <0.00 | Dry-ditch open-cut |
| W-B036a | PFO | 22.4 | 0.03 | 0.01 | Dry-ditch open-cut |
| W-B023 | PFO | 22.5 | 0.03 | 0.01 | Dry-ditch open-cut |
| W-B036b | PFO | 22.5 | 0.08 | <0.00 | Conventional bore |
| W-B024 | PEM | 22.6 | 0.01 | 0.00 | Workspace only |
| W-F001 | PEM | 22.7 | <0.01 | 0.00 | Avoiding |
| W-B035 | PFO | 22.9 | <0.01 | 0.00 | Workspace only |
| W-B022 | PFO | 24 | 0.06 | 0.03 | Conventional bore |
| W-B049 | PFO | 24.6 | 0.04 | 0.02 | Conventional bore |
| W-B020 | PSS | 24.7 | 0.12 | 0.00 | Dry-ditch open-cut |
| W-B019 | PEM | 24.9 | 0.11 | 0.01 | Dry-ditch open-cut |
| W-B050 | PEM | 25 | <0.01 | 0.00 | Workspace only |
| W-B017 | PEM | 25.4 | 0.13 | 0.01 | Dry-ditch open-cut |
| W-B015 | PFO | 25.8 | <0.01 | <0.00 | Workspace only |
| W-B014 | PFO | 26.6 | 0.05 | 0.02 | Conventional bore |
| W-B013a | PEM | 26.7 | 0.02 | 0.00 | Workspace only |
| W-B013b | PFO | 26.8 | 0.16 | 0.09 | Dry-ditch open-cut |
| **Virginia Pipeline Subtotal** | | | **11.29** | **2.63** | |
| *Rockingham, NC* | | | | | |
| W-B013b | PFO | 26.8 | <0.00 | 0.00 | Workspace only |
| W-B012 | PEM | 27 | 0.06 | 0.01 | Conventional bore |
| W-B011 | PEM | 27.1 | 0.03 | 0.01 | Dry-ditch open-cut |
| W-F003 | PEM | 27.1 | 0.01 | 0.00 | Workspace only |
| W-F004 | PEM | 27.2 | 0.01 | 0.00 | Workspace only |

| Table A-5<br>Wetlands Crossed by the Amendment Project | | | | | |
|---|---|---|---|---|---|
| **Facility / County, State / Waterbody ID [a/]** | **Wetland Type [b/]** | **Approx. MP** | **Total Construction Impacts (acres) [d/]** | **Total Operation Vegetation Impacts (acres) [e/]** | **Construction Crossing Method [f/]** |
| W-F005 | PEM | 27.2 | <0.00 | 0.00 | Workspace only |
| W-F006 | PEM | 27.2 | 0.02 | <0.00 | Conventional bore |
| W-F007 | PEM | 27.2 | 0.02 | 0.00 | Workspace only |
| W-B032 | PEM | 27.4 | 0.11 | 0.01 | Dry-ditch open-cut |
| W-B029 | PEM | 27.7 | <0.01 | 0.00 | Workspace only |
| W-B031a | PEM | 27.8 | 0.23 | 0.03 | Dry-ditch open-cut |
| W-B031b | PSS | 27.8 | 0.27 | 0.03 | Dry-ditch open-cut |
| W-B028 | PEM | 27.9 | 0.80 | 0.10 | Dry-ditch open-cut |
| W-B027 | PFO | 28 | 0.05 | 0.02 | Conventional bore |
| W-B027a | PEM | 28 | <0.00 | 0.00 | Avoiding |
| W-B056a | PSS | 28 | 0.05 | 0.01 | Dry-ditch open-cut |
| W-B053 | PEM | 28.3 | 0.04 | <0.00 | Dry-ditch open-cut |
| W-F008 | PEM | 28.3 | 0.04 | 0.00 | Workspace only |
| W-F009 | PEM | 28.7 | 0.55 | 0.07 | Dry-ditch open-cut |
| W-F013 | PEM | 28.7 | 0.03 | <0.00 | Dry-ditch open-cut |
| W-B010 | PEM | 28.8 | 0.05 | 0.01 | Dry-ditch open-cut |
| W-F010 | PEM | 28.8 | 0.01 | 0.00 | Workspace only |
| W-F011 | PEM | 28.8 | 0.03 | 0.01 | Dry-ditch open-cut |
| W-F012 | PEM | 28.8 | 0.01 | <0.00 | Dry-ditch open-cut |
| W-B009b | PEM | 29 | 0.05 | 0.01 | Dry-ditch open-cut |
| W-B009a | PFO | 29.1 | 0.14 | 0.06 | Dry-ditch open-cut |
| W-B008 | PEM | 29.4 | 0.01 | <0.00 | Dry-ditch open-cut |
| W-B052a | PFO | 29.8 | 0.03 | <0.00 | Workspace only |
| W-B052b | PEM | 29.8 | 0.02 | 0.01 | Dry-ditch open-cut |
| W-B005 | PFO | 30.5 | 1.79 | 0.71 | Dry-ditch open-cut |
| W-G003 | PEM | 30.6 | 0.02 | <0.00 | Dry-ditch open-cut |
| W-B001b | PFO | 31 | 0.05 | 0.00 | Workspace only |

| Table A-5<br>Wetlands Crossed by the Amendment Project | | | | | |
|---|---|---|---|---|---|
| **Facility / County, State / Waterbody ID** [a/] | **Wetland Type** [b/] | **Approx. MP** | **Total Construction Impacts (acres)** [d/] | **Total Operation Vegetation Impacts (acres)** [e/] | **Construction Crossing Method** [f/] |
| W-B003 | PFO | 31 | 0.07 | 0.04 | HDD |
| W-B004 | PEM | 31 | 0.02 | 0.00 | Workspace only |
| W-B004a | PSS | 31 | 0.04 | 0.00 | Workspace only |
| W-B051 | PFO | 31 | 0.02 | 0.00 | HDD |
| W-B002c | PFO | 31.1 | 0.01 | 0.00 | Workspace only |
| W-B055 | PEM | 31.1 | <0.00 | 0.00 | Workspace only |
| W-B056 | PEM | 31.1 | 0.04 | <0.00 | Dry-ditch open-cut |
| W-B001a | PEM | 31.2 | 0.36 | 0.00 | Workspace only |
| W-B002a | PFO | 31.2 | 0.33 | 0.15 | Dry-ditch open-cut |
| W-B002b | PFO | 31.2 | 0.17 | 0.07 | Dry-ditch open-cut |
| **North Carolina Pipeline Subtotal** | | | **5.60** | **1.39** | |
| **Pipeline Subtotal** | | | **16.89** | **4.02** | |
| **Aboveground Facilities** | | | | | |
| *Pittsylvania, VA* | | | | | |
| No wetlands within aboveground facilities. | | | | | |
| *Rockingham, NC* | | | | | |
| No wetlands within aboveground facilities. | | | | | |
| **Temporary Access Roads** g/ | | | | | |
| *Pittsylvania, VA* | | | | | |
| W-A005-TA-PI-001A | PEM | 0.4 | 0.03 | 0.00 | Timber Mat |
| W-A013a-TA-PI-004 | PEM | 1.9 | <0.00 | 0.00 | Workspace only |
| W-A007-TA-PI-005 | PEM | 2.6 | 0.07 | 0.00 | Timber Mat |
| W-A008-TA-PI-005 | PEM | 2.6 | 0.01 | 0.00 | Timber Mat |
| W-A024-TA-PI-011 | PSS | 5.5 | 0.05 | 0.00 | Timber Mat |
| W-A046-TA-PI-035 | PEM | 14.7 | <0.00 | 0.00 | Timber Mat |
| W-A047-TA-PI-035 | PEM | 14.7 | 0.01 | 0.00 | Timber Mat |
| W-A061-TA-PI-043 | PEM | 17.6 | 0.02 | 0.00 | Timber Mat |
| W072-1-VA h/ | PEM | 20.9 | <0.00 | 0.00 | Workspace only |

| Table A-5<br>Wetlands Crossed by the Amendment Project | | | | | |
|---|---|---|---|---|---|
| **Facility / County, State / Waterbody ID** [a/] | **Wetland Type** [b/] | **Approx. MP** | **Total Construction Impacts (acres)** [d/] | **Total Operation Vegetation Impacts (acres)** [e/] | **Construction Crossing Method** [f/] |
| W073-1-VA h/ | PEM | 20.9 | <0.00 | 0.00 | Workspace only |
| W074-1-VA h/ | PEM | 20.9 | <0.00 | 0.00 | Workspace only |
| W075-1-VA h/ | PEM | 20.9 | <0.00 | 0.00 | Workspace only |
| W-B021-TA-PI-061 | PFO | 23.1 | 0.03 | 0.00 | Timber Mat |
| W-G001a-TA-PI-066 | PEM | 25.6 | 0.03 | 0.00 | Workspace only |
| W-G002b-TA-PI-066 | PFO | 25.6 | <0.01 | 0.00 | Workspace only |
| W-B016-TA-PI-067 | PFO | 25.7 | 0.20 | 0.00 | Timber Mat |
| W-G001b-TA-PI-066 | PFO | 25.6 | <0.01 | 0.00 | Workspace only |
| **Virginia Temporary Access Road Subtotal** | | | **0.43** | **0.00** | |
| *Rockingham, NC* | | | | | |
| W-F014-TA-RO-072 | PEM | 27.6 | <0.00 | 0.00 | Workspace only |
| W-F015-TA-RO-072 | PEM | 27.6 | <0.00 | 0.00 | Workspace only |
| W-F009-TA-RO-075 | PEM | 28.7 | 0.01 | 0.00 | Timber Mat |
| W-B010-TA-RO-077 | PEM | 28.8 | 0.03 | 0.00 | Workspace only |
| W-F010-TA-RO-075 | PEM | 28.8 | 0.08 | 0.00 | Timber Mat |
| W-B055-TA-RO-083 | PEM | 31.1 | 0.04 | 0.00 | Timber Mat |
| W-B002b-TA-RO-083 | PFO | 31.2 | <0.00 | 0.00 | Workspace only |
| **North Carolina Temporary Access Road Subtotal** | | | **0.18** | **0.00** | |
| **Temporary Access Road Subtotal** | | | **0.61** | **0.00** | |
| **Permanent Access Roads** g/ | | | | | |
| *Pittsylvania, VA* | | | | | |
| No wetlands within permanent access roads. | | | | | |
| *Rockingham, NC* | | | | | |
| W-B034-PA-RO-000 | PEM | 29.4 | 0.01 | 0.01 | Avoiding |
| **Permanent Access Road Subtotal** | | | **0.01** | **0.01** | |
| OW-A001 | PUB | 0.00 | 0.10 | 0.00 | Avoiding |
| OW-A002 | PUB | 0.00 | 0.11 | 0.00 | Avoiding |
| **Virginia Contractor Yard Subtotal** | | | **0.21** | **0.00** | |
| *Rockingham, NC* | | | | | |

**Table A-5**
**Wetlands Crossed by the Amendment Project**

| Facility / County, State / Waterbody ID [a/] | Wetland Type [b/] | Approx. MP | Total Construction Impacts (acres) [d/] | Total Operation Vegetation Impacts (acres) [e/] | Construction Crossing Method [f/] |
|---|---|---|---|---|---|
| No wetlands within permanent contractor yards. | | | | | |
| **Contractor Yard Subtotal** | | | **0.21** | **0.00** | |
| **Amendment Project Total** | | | **18.19** | **4.17** | |

Source: Source: Mountain Valley September 3, 2025 Environmental Information Request Response Attachment 2. FERC Accession Number 20250903-5011.
Note: Features within this table incorporate updated survey data as collected by Mountain Valley in 2024 and 2025, and in coordination with the US Army Corps of Engineers (COE), Virginia Department of Environmental Quality (VADEQ), and North Carolina Department of Environmental Quality (NCDEQ), and discussions with Transco. Impacts have been calculated utilizing the width of the construction workspace, regardless of the features' crossing method.
W-G002b-TA-PI-066 was moved from the Rockingham County section of access road to the Pittsylvania County access road section of the table. In addition, the wetland ID was changed to W-G001b based on review of the alignment sheets.

[a/] Data are based on updated field delineations conducted by Mountain Valley as of March 2025 following field verification in consultation with COE and VADEQ.

[b/] Wetland Classifications PEM = palustrine emergent wetland, PSS = palustrine scrub-shrub wetland, PFO = palustrine forested wetland, PUB = palustrine, unconsolidated bottom.

[c/] Crossing length is measured at the intersection of the wetland and the centerline of the pipeline or center of the access road. Crossing length of "0.00" indicates the wetland would not be crossed by the centerline of the pipeline but would be located within the construction workspace. Sums may not equal the total of addends due to rounding.

[d/] Total construction impacts include all wetland impacts (PEM, PFO, PSS, PUB) associated with the construction workspace. Wetland impacts of "0.00" indicate the impact is less than 0.01 acre, but the impact is included in project totals. Sums may not equal the total of addends due to rounding.

[e/] Total operation vegetation impacts include PEM, PSS, and PFO impacts for vegetation maintenance. Operational vegetation impacts for PEM and PSS wetlands include a 10-foot-wide vegetation maintenance corridor; operational vegetation maintenance impacts for PFO wetlands include a 30-foot-wide vegetation maintenance corridor (i.e., a 10-foot-wide cleared corridor and selective removal of trees within 15 feet of the pipeline). Wetland impacts of "0.00" indicate the impact is less than 0.01 acre, but the impact is included in project totals. Minor discrepancies in totals are due to rounding.

[f/] Crossing methods are generally considered final and have been determined in coordination with VADEQ; however, Mountain Valley's coordination with VADEQ is ongoing. Mountain Valley would file with the Commission, any changes to proposed crossing methods, if made. Wetlands designated as "Avoiding" would be located within the construction workspace but would not be directly impacted by the installation of the pipeline or through construction equipment crossings (i.e., would be avoided). Such features would be protected with high-visibility fencing or equivalent barriers and appropriate erosion and sediment controls to allow adjacent construction without disturbance or impact. However, as mentioned above, impacts have been calculated using the width of the construction ROW, regardless of crossing methods; accordingly, features designated as "Avoiding" still reflect small impact acreages within the table.

[g/] No wetlands would be crossed by new access roads. No improvements would occur within wetlands crossed by existing access roads.

[h/] Feature delineated by Transco and added at the request of the VADEQ. Mountain Valley has committed to avoiding impacts to these features.

| Table A-6<br>Additional Temporary Workspace within 50 feet of Wetlands and Waterbodies | | | | | | |
|---|---|---|---|---|---|---|
| **County, State, ATWS ID** | **MP** | **Within 50 feet of a Wetland** | **Within 50 feet of a Waterbody** | **Feature ID** | **Distance from Resource Area (feet) [a]** | **Justification [a]** |
| 1000A | 0 | | X | OW-A001 | 0 | This is an open water stormwater detention basin located within a proposed contractor yard. No impacts to this feature are anticipated. Mountain Valley would install silt fencing and filter bags along the edge of the feature. |
| 1000A | 0 | | X | OW-A002 | 0 | This is an open water stormwater detention basin located within a proposed contractor yard. No impacts to this feature are anticipated. Mountain Valley would install silt fencing and filter bags along the edge of the feature. |
| 1052 | 5.5 | X | | W-A022 | 0 | ATWS situated in this location to support conventional bore and associated equipment. |
| 1096 | 11.4 | | X | S-A038 | 0 | ATWS situated in this location to support conventional bore and associated equipment. |
| 1209 | 27.2 | X | | W-F007 | 0 | ATWS situated in this location to support conventional bore and associated equipment. |
| 1213 | 27.7 | X | | W-B029 | 45.5 | ATWS situated in this location to support conventional bore and associated equipment. |
| 1213A | 27.7 | X | | W-B031a | 14.3 | ATWS situated in this location to support conventional bore and associated equipment. |
| 1213A | 27.7 | X | | W-B031b | 7.5 | ATWS situated in this location to support conventional bore and associated equipment. |
| 1224A | 28.8 | X | | W-F009 | 0 | ATWS situated in this location to support construction of aboveground facilities. |
| 1224A | 28.8 | X | | W-B010 | 37.9 | ATWS situated in this location to support construction of aboveground facilities. |
| 1224A | 28.8 | X | | W-F010 | 0 | ATWS situated in this location to support construction of aboveground facilities. |

**Table A-6**
**Additional Temporary Workspace within 50 feet of Wetlands and Waterbodies**

| County, State, ATWS ID | MP | Within 50 feet of a Wetland | Within 50 feet of a Waterbody | Feature ID | Distance from Resource Area (feet) [a] | Justification [a] |
|---|---|---|---|---|---|---|
| 1224A | 28.8 | X | | W-F012 | 23.6 | ATWS situated in this location to support construction of aboveground facilities. |
| 1232 | 29.1 | | X | S-B014 | 0 | ATWS situated in this location to support HDD and associated equipment. |
| 1244A | 30.6 | X | | W-G003 | 0 | ATWS situated in this location to support HDD and associated equipment. |
| 1251B | 31.0 | X | | W-B004a | 0 | ATWS situated in this location to support HDD and associated equipment. |
| 1251B | 31.0 | X | | W-B004 | 0 | ATWS situated in this location to support HDD and associated equipment/hydrostatic testing equipment. |
| 1251A | 31.1 | X | | W-B002b | 0 | ATWS situated in this location to support HDD and associated equipment/hydrostatic testing equipment. |
| 1249 | 31.2 | X | | W-B001a | 0 | ATWS situated in this location to support construction of aboveground facilities. |
| 1249 | 31.2 | X | | W-B001b | 0 | ATWS situated in this location to support construction of aboveground facilities. |
| 1252 | 31.2 | X | | W-B002b | 0 | ATWS situated in this location to support conventional bore and associated equipment. |
| 1249A | 31.3 | X | | W-B002a | 40.2 | ATWS situated in this location to support HDD and associated equipment/hydrostatic testing equipment. |

[a] Distance from resource area of 0 feet indicates the wetland or waterbody is located within the ATWS.
Sources: Mountain Valley September 3, 2025 Attachment 7. FERC Accession Number 202050903-5011. Mountain Valley September 3, 2025, Environmental Information Request at 36. FERC Accession Number 20250903-5011.

| Table A-7<br>Construction Workspace Parallels Waterbodies (or Associated Wetlands) within 15 feet | | | |
|---|---|---|---|
| **Waterbody ID** | **MP** | **Length of Route within 15 Feet of the Waterbody** | **Justification** |
| S-A072 | 0.4 | 47.3 | Maintain collocation, minimizes direct impact to stream |
| S-A027 | 7.3 | 42.6 | Maintain collocation |
| S-A033a | 10.3 | 117.2 | Maintain collocation, avoid cultural resources |
| S-A036 | 11.4 | 68.6 | Maintain collocation, avoid cultural resources |
| S-A041 | 11.7 | 31.8 | Maintain collocation, minimize impact to stream |
| S-A040 | 11.7 | 95.7 | Maintain collocation |
| S-A051 | 16.1 | 73.5 | Constructability, minimize further impact to stream |
| S-A059 | 18.4 | 97.6 | Maintain collocation |
| S-B040 | 22.4 | 158.5 | Maintain collocation |
| S-B025 | 24.4 | 127.1 | Constructability, avoid Dominion Energy Center |
| S-B023 | 24.5 | 68.5 | Collocation |
| S-B016 | 29.1 | 41.7 | Maintain collocation |
| S-B010 | 29.8 | 149 | Maintain collocation |
| S-B002 | 31.1 | 204.6 | Support construction of aboveground facilities |
| Source: Mountain Valley September 3, 2025 Attachment 7. FERC Accession Number 202050903-5011. | | | |

**Table A-8**
**Summary of Upland Vegetation Crossed by the Amendment Project and Outside of the Certificated Project**

| State / County | Facility Type | Acres Affected | | | | | |
|---|---|---|---|---|---|---|---|
| | | Construction | | | Operation | | |
| | | Agriculture [a] | Upland Forest [b] | Open Uplands [c] | Agriculture [a] | Upland Forest [b] | Open Uplands [c] |
| **Virginia** | | | | | | | |
| Pittsylvania | Pipeline Right-of-way | 0.61 | 14.91 | 1.74 | 0.12 | 7.79 | 0.99 |
| | ATWS | 0.15 | 6.20 | 1.88 | 0.00 | 0.00 | 0.00 |
| | Contractor Yards | 0.00 | 0.00 | 7.70 | 0.00 | 0.00 | 0.00 |
| | Access Roads | 0.00 | 0.01 | 0.81 | 0.00 | 0.00 | 0.00 |
| *Virginia Total [d]* | | *0.76* | *21.12* | *12.13* | *0.12* | *7.79* | *0.99* |
| **North Carolina** | | | | | | | |
| Rockingham | Pipeline Right-of-way | 1.36 | 0.46 | 0.01 | 1.27 | 0.43 | 0.00 |
| | ATWS | 3.28 | 1.32 | 0.01 | 0.00 | 0.00 | 0.00 |
| | Contractor Yards | 0.00 | 0.35 | 0.00 | 0.00 | 0.00 | 0.00 |
| | Access Roads | 0.58 | 0.29 | 2.07 | 0.00 | 0.00 | 0.00 |
| *North Carolina Total [d]* | | *5.22* | *2.42* | *2.09* | *1.27* | *0.43* | *0.00* |
| **Amendment Project Total [d]** | | **5.98** | **23.54** | **14.22** | **1.39** | **8.22** | **0.99** |

ATWS: Additional Temporary Workspaces
[a] Cultivated land (e.g., tobacco, soybeans, hay, corn)
[b] Upland forest contains deciduous, evergreen, and mixed wooded lands, including those being managed for forest products (i.e., silviculture).
[c] Non-forested land such as herbaceous scrub-shrub, grassland, and utility rights-of-way.
[d] Total for those areas outside the certificated Project footprint. Sums may not equal the total of addends due to rounding.
Source: Mountain Valley August 8, 2025 Table 3.4-1 of Attachment G-1. FERC Accession Number 20250808-5160.

| Table A-9<br>Summary of Existing Ambient Noise Levels at Amendment Project HDD/Railroad Crossings | | | | | |
|---|---|---|---|---|---|
| **Facility/NSA** | **NSA Description** | **NSA Distance (feet) and Direction from the Crossing** | **Ambient Noise Levels (dBA)[a,b]** | | |
| | | | **Daytime, $L_d$** | **Nighttime, $L_n$** | **$L_{dn}$** |
| **Sandy River HDD (MP 18.1)** | | | | | |
| NSA 1 | Residence | 1,320 WSW | 42.9 | 41.8 | 48.4 |
| NSA 2 | Residence | 1,100 W | 42.5 | 40.6 | 47.3 |
| NSA 3 | Residence | 650 NNW | 42.5 | 40.6 | 47.3 |
| NSA 4 | Residence | 1,850 SW | 40.2 | 39.1 | 45.7 |
| **Dan River HDD (MP 30.8)** | | | | | |
| NSA 1 | Residence | 1,850 SSW | 43.8 | 42.9 | 49.5 |
| NSA 2 | Residence | 2,290 W | 43.8 | 42.9 | 49.5 |
| NSA 3 | Residence | 1,200 NNW | 40.4 | 39.2 | 45.8 |
| **MP 29.3 Reference Overnight Measurement Location [d]** | | | | | |
| N/A | N/A | N/A | 37.6 | 32.3 | 40.0 |

[a] Ambient noise surveys were conducted at each location for 15 to 25 hours.
[b] Insect, bird, and passing vehicle noise was removed
[c] The difference between the filtered MP 29.3 daytime and nighttime was used to estimate the filtered Ln at the railroad crossings.
[d] Mountain Valley used a reference overnight sound meter at MP 29.3 (an area where ambient sounds were similar to the railroad crossings) as no nighttime sound levels were measured at the railroad crossings.
Mountain Valley February 3, 2025 Application Resource Report 9 at 9-24. FERC Accession Number 20250203-5192.

| Table A-10<br>Summary of Existing Ambient Noise Levels at Amendment Project Conventional Bore Crossings | | | | |
|---|---|---|---|---|
| **Bore Location** | **Measurement Location (ML)** | **Ambient Noise Levels (dBA)[a]** | | |
| | | **Daytime, $L_d$** | **Nighttime, $L_n$** | **$L_{dn}$** |
| MP 0.4 | ML 1 | 39.1 | 39.0 | 45.4 |
| MP 0.8 | | | | |
| MP 2.0 | | | | |
| MP 4.3 | | | | |
| MP 5.3 | | | | |
| MP 11.5 | ML 2 | 42.5 | 40.6 | 47.3 |
| MP 16.1 | | | | |
| MP 17.4 | | | | |
| MP 21.4 | | | | |
| MP 22.5 | ML 3 | 41.1 | 39.2 [b] | 43.5 |
| MP 24.0 | | | | |
| MP 24.4 | | | | |
| MP 24.6 | | | | |
| MP 26.5 | | | | |
| MP 26.9 | | | | |
| MP 27.2 | | | | |
| MP 28.0 | ML 4 | 47.4 | 37.6 | 47.5 |

[a] Insect, bird, and passing vehicle noise was removed.

[b] The difference between the filtered ML 2 daytime and nighttime measurements were used to calculate the filtered $L_n$ at ML 3.

Mountain Valley September 3, 2025 Attachment 1. FERC Accession Number 20250903-5011.

**Table A-11**
**Past, Present, and Reasonably Foreseeable Future Actions Evaluated for Potential Cumulative Effects**

| Project/ Company and Relevant Action Description/Location | Status / Estimated Construction Date | Action Components Overlapping with Geographic Scope and Approximate Closest Distance (miles) to the Amendment Project | Approximate Action Component Impacts within the Geographic Scope | Anticipated Temporal Overlap | Overlapping Geographic Scope(s)\ |
|---|---|---|---|---|---|
| Transco SSE Project Eden Loop (CP25-10)<br>30.8 miles of new 42-inch-diameter pipeline in Pittsylvania County, Virginia, and Rockingham County, North Carolina.<br><br>Addition of 45,000 horsepower at existing compressor station (CS 165) in Pittsylvania County, VA. | Application submitted 10/29/2024. Proposed In-service Q4 2027. | The Action's pipeline is collocated/overlaps with the Amendment Project.<br><br>Action 0 miles from the Amendment Project and within 0.5 mile of the Sandy River and Dan River HDDs. | 745.9 acres of construction impact.<br>224.4 acres of operational impact.<br>27.5 acres of construction impacts on wetlands<br>10.7 acres of operation impacts on wetlands | Construction and Operation | Water Quality and Use (HUC), Vegetation (HUC), Wildlife (HUC), Cultural Resources (APE), Geological Resources (LOD), Soil Resources (LOD), Land Use (1-Mile), Air Quality (0.25-Mile), Noise (0.25 and 0.5-Mile). |
| East Tennessee System Alignment Project (Draper Compressor Station)<br><br>New compressor station in Rockingham County, NC which includes two new 9,500 hp electric motor driven compressor units and associated ancillary facilities. | FERC Certificate issued March 21, 2024; Construction commenced September 3, 2024. Proposed in-service October 2025. | The Action is located 1.6 miles northwest of the Amendment Project. | 35.3 acres of construction impact.<br>28.8 acres of impact for operations (new).<br>No impacts on wetlands. | Operation | Water Quality and Use (HUC), Vegetation (HUC), Wildlife (HUC). |
| Enbridge T15 Reliability Project<br><br>Installation of a 45-mile natural gas pipeline from Eden to Roxboro and construction of Ruffin Compressor Station in Rockingham County, NC. | Planning and Development 2023; Permitting 2024/2025; Design and Procurement 2025; Construction 2025-2027; In-service by End of 2027 to beginning of 2028 | The Action pipeline and interconnect facility overlaps the Amendment Project. | Action is currently in the permitting phase; therefore, impact totals may be subject to change.<br>As of February 2025, Action proposes:<br>823 acres of construction impact.<br>Total acres of operational impact is not available.<br>14.00 acres of wetland impact for construction.<br>1.39 acres of operational impact on wetlands (new).<br>2.82 acres of impact on waterbodies during construction.<br>0.08 acres of impact on waterbodies during operation. | Construction and Operation | Water Quality and Use (HUC), Vegetation (HUC), Wildlife (HUC), Cultural Resources (APE), Geological Resources (LOD), Soil Resources (LOD), Land Use (1-Mile), Air Quality (0.25-Mile), Noise (0.25-Mile). |
| Transco Southside Reliability Enhancement Project (CP22-461-000) -Pittsylvania County, VA;<br><br>Addition of one 16,000 horsepower electric motor driven compressor unit at existing CS 166 (Pittsylvania County, VA). | Submitted Application 5/23/2022; FERC Certificate issued July 31, 2023; Construction commenced January 30, 2024; In-Service request approved November 27, 2024. | The Action overlaps with the Amendment Project. | 122.48 acres of construction impact.<br>59.92 acres of impact for operations (new).<br>No impacts on streams or wetlands | Operation | Water Quality and Use (HUC), Vegetation (HUC), Wildlife (HUC), Cultural Resources (APE), Geological Resources (LOD), Soil Resources (LOD), Land Use (1-Mile), Air Quality (0.25-Mile), Noise (0.25-Mile/ 1-Mile). |
| Balico Pittsylvania Power Plant<br>Pittsylvania County, VA<br><br>3,500-megawatt gas power plant and data center connecting to the Mountain Valley Project mainline. Planned to be a 2,200-acre facility off Chalk Level Road, Chatham, VA. | Planning – operator is revising the design for resubmittal | The Action is located 2 miles northwest of the Amendment Project. | No information available regarding impacts. | Unknown | Water Quality and Use (HUC), Vegetation (HUC), Wildlife (HUC). |
| Mountain Valley Pipeline Project (CP-16-10-000; CP21-12/57-000)<br>Pittsylvania County, VA<br><br>Construction of an approximately 303-mile pipeline from WV to VA<br>3 new Compressor Stations in WV<br>Additional ancillary facilities, such as launchers/receivers, mainline valves, and meter stations. | Application Submitted 2015; EIS Issued 6/2017; Construction Start: 2/2018; Construction Completion and in-service June 2024. | The Action's pipeline overlaps with the Amendment Project. | 6,362.5 acres of construction impact;<br>2,1873 acres of operational impact.<br>2.6 acres of construction wetland impacts and 1.0 acre of operation wetland impacts in Pittsylvania County. | Operation | Water Quality and Use (HUC), Vegetation (HUC), Wildlife (HUC), Cultural Resources (APE), Geological Resources (LOD), Soil Resources (LOD), Land Use (1-Mile), Air Quality (0.25-Mile), Noise (0.25-Mile). |
| Transco Spray Meter Station<br>Rockingham County, NC | Estimated construction start date of 8/1/2025 | The Action abandonment workspace may overlap/be adjacent to the Amendment Project. | 0.93 acre of impact for construction | Operation | Water Quality and Use (HUC), Vegetation (HUC), Wildlife (HUC), Cultural Resources (APE), Geological Resources (LOD), Soil Resources (LOD), Land Use (1-Mile), Air Quality (0.25-Mile), Noise (0.25/0.5-Mile). |

**Table A-11**
**Past, Present, and Reasonably Foreseeable Future Actions Evaluated for Potential Cumulative Effects**

| Project/ Company and Relevant Action Description/Location | Status / Estimated Construction Date | Action Components Overlapping with Geographic Scope and Approximate Closest Distance (miles) to the Amendment Project | Approximate Action Component Impacts within the Geographic Scope | Anticipated Temporal Overlap | Overlapping Geographic Scope(s)\ |
|---|---|---|---|---|---|
| Abandonment of the Spray Meter Station at Transco MP 1382 up to lateral valves N155 and N154, including dismantling, decommissioning, asset removal, hazardous material management, and site restoration | and construction end date of 12/1/2025 | | No stream or wetland impacts for construction | | |
| Route 311 Connector Road Project (Route 311 and Oak Hill Road)- VDOT (0311-071-835, P101) - Pittsylvania County, VA<br><br>Involves reconfiguring existing Route 311, Berry Hill Road, as an extension of the programmed Berry Hill Connector Road by widening approximately 2.3 miles of the existing road from a two-lane undivided to a four-lane divided road. | Unknown | The Action is 0.2 mile east of the Amendment Project. | 0.16 acre of construction impacts.<br><br>0.39 acre of operation impacts. | Unknown | Water Quality and Use (HUC), Vegetation (HUC), Wildlife (HUC). |
| VDOT- Berry Hill Rd Connector Project (NAO-2020-00567) - Pittsylvania, VA<br><br>Construction of a connector road extending form the existing interchange at Oak Ridge Farms Road (Rt 1260) and the Danville Expressway (US Rt 58) west to tie in with Berry Hill Road (US 311). | Public Hearing June 6, 2019; Completed and opening in November 2024 | The Action is 2.6 miles southeast of the Amendment Project. | 350 acres (includes stream, wetland and dredging impacts).<br><br>0.16 acre of construction impact to streams with 0.39 acre of permanent impacts.<br><br>0.40 acre of construction impact to wetlands with 0.36 acre of operational impacts. | Operation | Water Quality and Use (HUC), Vegetation (HUC), Wildlife (HUC). |
| City of Danville Moorefield Bridge Road Improvements – Pittsylvania County, VA.<br><br>Improvements at three locations. | To be completed by 2035 | The Action is 1.9 miles southeast of the Amendment Project. | Information Not Available | Unknown | Water Quality and Use (HUC), Vegetation (HUC), Wildlife (HUC). |
| City of Danville Route 29/703 Intersection Upgrades – Pittsylvania County, VA. | Planning; Construction to begin April 13, 2026 and end March 22, 2028 | The Action is 0.5 mile north of the Amendment Project. | Information Not Available | Construction and Operation | Water Quality and Use (HUC), Vegetation (HUC), Wildlife (HUC), Cultural Resources (APE), Land Use (1-Mile). |
| SGR25 VP Resurfacing Projects/VDOT- Pittsylvania County, VA.<br><br>Paving of roadways SR41 northbound MP 6.029-6.03, 6.157-8.129, 8.129-11.17, 11.17-12.769, and 0-.305. | To be completed 2025 to 2030. | The Action is 1.4 miles southeast of the Amendment Project. | Information Not Available | Construction and Operation | Water Quality and Use (HUC), Vegetation (HUC), Wildlife (HUC). |
| Bridge Replacement Over Pumpkin Creek - Pittsylvania County, VA.<br><br>Bride replacement project. | Unknown | The Action is 3.6 miles northwest of the Amendment Project. | Information Not Available.<br><br>Waterbody and wetland impacts are not anticipated. | Unknown | Water Quality and Use (HUC), Vegetation (HUC), Wildlife (HUC). |
| Piney Forest Corridor Study - Pittsylvania County, VA<br><br>The purpose of the Piney Forest Corridor Study is to identify strategies and improvements to address existing and future congestion, safety concerns, and multimodal needs. | Completed Study Corridor July 2022; Future Construction | The Action is **6**.5 miles southeast of the Amendment Project. | Information Not Available | Unknown | Water Quality and Use (HUC), Vegetation (HUC), Wildlife (HUC). |
| SR 2066 (Kings Highway) Intersection Improvement Project (SPOT ID H141530) - Rockingham, NC<br><br>Convert at-grade intersection to interchange. | ROW clearing year 2024; Construction year 2026 | The Action is 3.2 miles west of the Amendment Project. | Information Not Available | Construction and Operation | Water Quality and Use (HUC), Vegetation (HUC), Wildlife (HUC). |
| SR 1747 (East Stadium Drive) Sidewalk Construction Project (SPOT ID B142049) - Rockingham, NC<br><br>Construction of a sidewalk from SR 1962 (North Pierce Street) to Freedom Park in Eden. | Under Construction 2024 | The Action is 2.5 miles northwest of the Amendment Project. | Information Not Available | Unknown | Water Quality and Use (HUC), Vegetation (HUC), Wildlife (HUC). |

**Table A-11**
**Past, Present, and Reasonably Foreseeable Future Actions Evaluated for Potential Cumulative Effects**

| Project/ Company and Relevant Action Description/Location | Status / Estimated Construction Date | Action Components Overlapping with Geographic Scope and Approximate Closest Distance (miles) to the Amendment Project | Approximate Action Component Impacts within the Geographic Scope | Anticipated Temporal Overlap | Overlapping Geographic Scope(s)\ |
|---|---|---|---|---|---|
| Cherrystone Creek Dams Rehabilitation Project<br>Pittsylvania, VA<br><br>Auxiliary spillways for each dam were determined to be undersized and not capable of passing flood requirements for high hazard. This dam is state and locally permitted and regulated. | Design and Engineering Report due spring 2024; Anticipated Construction date unknown at this time | The Action is 5.25-miles west-northwest of the Amendment Project. | 57-feet high x 780-feet long (Cherrystone A); 68-feet high x 400-feet long (Cherrystone B). | Unknown | Water Quality and Use (HUC), Vegetation (HUC), Wildlife (HUC). |
| Dominion Michaux Solar Project<br>Pittsylvania, VA<br><br>Construct a 50-megawatt solar field with battery storage and direct power supply | Construction Anticipated 2024-2026 | The Action is 2.4-miles northwest of the Amendment Project. | 900 acres<br>Information not available for stream and wetland impacts. | Construction and Operation | Water Quality and Use (HUC), Vegetation (HUC), Wildlife (HUC). |
| Strata Solar- Battery Storage Facility - Pittsylvania, VA<br><br>Solar battery storage facility at lot 6 of the Berry Hill Megasite next to an AEP substation that would collect and store energy that would be released during peak times. | Public Hearing July 2024 (Approved); 5-year development plan and receive permits to prep for construction | The Action is 0.1 mile west of the Amendment Project. | 55-megawatt built on a 3.5-to-4-acre concrete pad of the 85-acre lot<br>Information not available for stream and wetland impacts. | Unknown | Water Quality and Use (HUC), Vegetation (HUC), Wildlife (HUC), Land Use (1-Mile), Air Quality (0.25-Mile), Noise (0.25-Mile). |
| Strata Solar-Berry Hill Solar Project<br>Pittsylvania, VA<br><br>Construct a 125-megawatt solar field for energy production with a battery storage facility proposed on lot 6 of Berry Hill Megasite | EPC Stage; Construction Timeline Unknown (solar field)<br><br>Public hearing July 2024 (approved); 5-year development plan and receive permits to prep for construction (battery storage facility). | The Action is 2.2 miles southeast (solar project) and 0.1 mile west (battery storage facility) of the Amendment Project. | 800 acres<br>Information not available for stream and wetland impacts. | Unknown | Water Quality and Use (HUC), Vegetation (HUC), Wildlife (HUC). |
| Energix Renewables Axton Solar Project<br>Pittsylvania, VA<br><br>Construct a 66-megawatt solar field for energy production | Under Construction 2023; Operational 2024 | The Action is 6.3 miles northwest of the Amendment Project. | 130 acres<br>Information not available for stream and wetland impacts. | Operation | Water Quality and Use (HUC), Vegetation (HUC), Wildlife (HUC). |
| Southside Investing, LLC Mixed-Use Project<br>Pittsylvania, VA<br><br>580-acre mixed-use (single family homes, townhouses, apartments, and senior living) residential project with 1,838 new residential units. | In-Development; Permit issued October 3, 2023; Construction to Take 10 Years | The Action is 5.3-miles northwest of the Amendment Project. | 600-acres<br>Information not available for stream and wetland impacts. | Unknown | Water Quality and Use (HUC), Vegetation (HUC), Wildlife (HUC). |
| Hopewell Solar Project - Pittsylvania, VA<br><br>Large scale solar facility | The County recommended approval September 2022. Planned construction. Unknown build timeline. | The Action is 0.2 miles west of the Amendment Project. | 1,400 acres with 900 acres covered in solar panels<br>Information not available for stream and wetland impacts. | Unknown | Water Quality and Use (HUC), Vegetation (HUC), Wildlife (HUC), Land Use (1-Mile), Air Quality (0.25-Mile), Noise (0.25-Mile). |
| Pittsylvania County Jail<br>Pittsylvania, VA<br><br>Construct a new jail facility with 146 beds | Board closed on property August 2023; Construction is Planned to start August 2026; Anticipated Completion November 2027 | The Action is 01.2 miles southeast of the Amendment Project. | 33 acres<br>Information not available for stream and wetland impacts. | Construction and Operation | Water Quality and Use (HUC), Vegetation (HUC), Wildlife (HUC), Land Use (1-Mile). |
| Recurrent Energy/AEP Blue Ridge Solar Project<br>Pittsylvania, VA<br><br>Construct a 150-megawatt solar field for energy production | Construction Completion Anticipated 2025 | The Action is 2.2-miles northwest of the Amendment Project. | 1,400 acres<br>Information not available for stream and wetland impacts. | Operation | Water Quality and Use (HUC), Vegetation (HUC), Wildlife (HUC). |

**Table A-11**
**Past, Present, and Reasonably Foreseeable Future Actions Evaluated for Potential Cumulative Effects**

| Project/ Company and Relevant Action Description/Location | Status / Estimated Construction Date | Action Components Overlapping with Geographic Scope and Approximate Closest Distance (miles) to the Amendment Project | Approximate Action Component Impacts within the Geographic Scope | Anticipated Temporal Overlap | Overlapping Geographic Scope(s)\ |
|---|---|---|---|---|---|
| Mecklenburg Electric Cooperative (MEC) Transmission Project Infrastructure - Pittsylvania, VA<br><br>Overhead transmission line construction associated with the SSE Project (CS 165) | Estimated construction start date is Q3 of 2026 and the estimated construction completion date is estimated to be in Q3 of 2027 | The Action is 0.1-mile northeast of the Amendment Project. | 1.53 acre of construction impact and 1.53 acre of operational impact<br><br>Construction and operational (ROW) 0.02 acre of wetland impact and 0.04 acre of stream impact | Construction and Operation | Water Quality and Use (HUC), Vegetation (HUC), Wildlife (HUC), Cultural Resources (APE), Geological Resources (LOD), Soil Resources (LOD), Land Use (1-Mile), Air Quality (0.25-Mile), Noise (0.25-Mile). |
| Cross Creek Subdivision Phase II Extension – Pittsylvania Co., VA<br><br>Housing subdivision extension. | Permit application submitted May 13, 2024. | The Action is 1.6 miles northwest of the Amendment Project. | Information Not Available | Unknown | Water Quality and Use (HUC), Vegetation (HUC), Wildlife (HUC). |
| Maplewood Solar Substation and Switchyard & Maplewood Solar Main PV Area- Pittsylvania Co., VA<br><br>Solar substation and switchyard and solar development project. | Permit application submitted April 23, 2024. | The Action is 8.8 miles northwest of the Amendment Project. | Information Not Available | Unknown | Water Quality and Use (HUC), Vegetation (HUC), Wildlife (HUC). |
| Blue Ridge Solar Parts I and II - Pittsylvania Co., VA<br><br>Solar development project. | Permit application submitted April 23, 2024. | The Action is 1.9 miles northwest of the Amendment Project. | Information Not Available | Unknown | Water Quality and Use (HUC), Vegetation (HUC), Wildlife (HUC). |
| Tightsqueeze Development- Pittsylvania Co., VA<br><br>Uknown development. | Permit application submitted August 6, 2024. | The Action is 0.4 mile north of the Amendment Project. | Information Not Available | Unknown | Water Quality and Use (HUC), Vegetation (HUC), Wildlife (HUC), Cultural Resources (APE). |
| New Branch for URW Community Federal Credit Union- Pittsylvania Co., VA<br><br>New branch for URW Community Federal Credit Union. | Permit application submitted May 14, 2024. | The Action is 0.2 mile north of the Amendment Project. | Information Not Available | Unknown | Water Quality and Use (HUC), Vegetation (HUC), Wildlife (HUC), Cultural Resources (APE), Land Use (1-Mile), Air Quality (0.25-Mile), Noise (0.25-Mile). |
| VDOT Halifax 6029 071 845 UPC 118783 - Pittsylvania Co., VA<br><br>Project details are not available. | Permit application submitted April 20, 2024. | The Action is 0.1 mile southeast of the Amendment Project. | Information Not Available | Unknown | Water Quality and Use (HUC), Vegetation (HUC), Wildlife (HUC), Cultural Resources (APE), Land Use (1-Mile), Air Quality (0.25-Mile), Noise (0.25-Mile). |
| J&J Truck Sales - Pittsylvania Co., VA<br><br>J&J Truck sales expansion. | Permit application submitted June 24, 2024. | The Action is 0.3 mile south of the Amendment Project. | Information Not Available | Unknown | Water Quality and Use (HUC), Vegetation (HUC), Wildlife (HUC), Cultural Resources (APE), Land Use (1-Mile), Air Quality (0.25-Mile), Noise (0.25-Mile). |
| Irish Road Solar - Pittsylvania Co., VA<br><br>Solar development project. | Permit application submitted May 1, 2024. | The Action is 2.8 miles northwest of the Amendment Project. | Information Not Available | Unknown | Water Quality and Use (HUC), Vegetation (HUC), Wildlife (HUC). |
| Berry Hill 138 kV Extension - Pittsylvania Co., VA<br><br>0.2-mile relocation of Axton-Danville #2 138-kV and installation of a new 138-kV tap structures; construct about 5.0 miles of double-circuit 138-kV line from tap location to the new Berry Hill substation. | Permit application submitted May 1, 2024. | The Action is 4 miles northwest of the Amendment Project. | Information Not Available | Unknown | Water Quality and Use (HUC), Vegetation (HUC), Wildlife (HUC). |
| Brosville 138 kV Station and Line Extension - Pittsylvania Co., VA<br><br>New 138kV Brosville Station consisting of two 138-kV, 3000 A, 40 kA circuit breakers and 138-kV revenue metering. New 1.66 miles of greenfield double-circuit 138-kV transmission line from the new Brosville Station to the new tap structures being installed at the Axton-Danville No. 2 138-kV transmission line. | Permit applications submitted May 1, 2024 and May 2, 2024. | The Action is 2.5 to 2.6 miles northwest of the Amendment Project. | Information Not Available | Unknown | Water Quality and Use (HUC), Vegetation (HUC), Wildlife (HUC). |
| Berry Hill Commerce Centre - Pittsylvania Co., VA<br><br>Sanitary sewer project associated with the Berry Hill Commerce Centre. | Permit application submitted August 2, 2024. | The Action is 3.2 miles southeast of the Amendment Project. | Information Not Available | Unknown | Water Quality and Use (HUC), Vegetation (HUC), Wildlife (HUC). |

**Table A-11**
**Past, Present, and Reasonably Foreseeable Future Actions Evaluated for Potential Cumulative Effects**

| Project/ Company and Relevant Action Description/Location | Status / Estimated Construction Date | Action Components Overlapping with Geographic Scope and Approximate Closest Distance (miles) to the Amendment Project | Approximate Action Component Impacts within the Geographic Scope | Anticipated Temporal Overlap | Overlapping Geographic Scope(s)\ |
|---|---|---|---|---|---|
| Southern Virginia Solar - Pittsylvania Co., VA<br><br>Solar development project. | Permit application submitted April 23, 2024. | The Action is 1.6 miles southeast of the Amendment Project. | Information Not Available | Unknown | Water Quality and Use (HUC), Vegetation (HUC), Wildlife (HUC). |
| Berry Hill 138 kV Substation - Pittsylvania Co., VA<br><br>New 138-kV, 3 breaker ring bus, 138/34.5-kV, 30 MVA distribution transformer. | Permit application submitted May 1, 2024. | The Action is 0.1 mile southeast of the Amendment Project. | Information Not Available | Unknown | Water Quality and Use (HUC), Vegetation (HUC), Wildlife (HUC), Cultural Resources (APE), Land Use (1-Mile), Air Quality (0.25-Mile), Noise (0.25-Mile). |
| Berry Hill Mega Site Project - Pittsylvania, VA<br><br>Creating an industrial park for potential commercial development. | Land Clearing/Grading Completed for Development.<br>Further development would not continue until buyers are obtained. | The Action is 1-mile east of the Amendment Project. | 3,528 acres prepared for commercial projects.<br>Phase 1: 204 sf of graded area.<br>Other phases unknown at this time.<br>36,135 linear of permanent impacts on streams and 21.07 acres of permanent wetland impacts | Unknown | Water Quality and Use (HUC), Vegetation (HUC), Wildlife (HUC), Cultural Resources (APE), Land Use (1-Mile). |
| Southern Virginia Megasite at Berry Hill Phase III – Waterline Extension - Pittsylvania Co., VA<br><br>Water supply project associated with the Berry Hill Industrial Park. | Permit application submitted June 26, 2024. | The Action is 0.2 mile northeast of the Amendment Project. | Information Not Available | Unknown | Water Quality and Use (HUC), Vegetation (HUC), Wildlife (HUC), Cultural Resources (APE), Land Use (1-Mile), Air Quality (0.25-Mile), Noise (0.25-Mile). |
| Proposed Tractor Supply - Pittsylvania Co., VA<br><br>New Tractor Supply store. | Permit application submitted May 31, 2024. Pittsylvania County land disturbance permit issued January 2025. | The Action is 2.7 miles east of the Amendment Project. | 10.21 acres<br>Information not available for stream and wetland impacts. | Unknown | Water Quality and Use (HUC), Vegetation (HUC), Wildlife (HUC). |
| Monroe Solar Site - Pittsylvania Co., VA<br><br>2.8-MW solar facility. | Permit application submitted February 18, 2021. Construction completed Q4 2022. | The Action is 6.2 miles northwest of the Amendment Project. | Information Not Available | Operation | Water Quality and Use (HUC). Vegetation (HUC), Wildlife (HUC). |
| Solid Waste Landfill Cell “C2” (L24-02-05603) - Pittsylvania Co., VA<br><br>Cell construction and related infrastructure. | Permit issued February 15, 2024. | The Action is 2.8 miles northwest of the Amendment Project. | 5.4 acres<br>Information not available for stream and wetland impacts. | Unknown | Water Quality and Use (HUC). Vegetation (HUC), Wildlife (HUC). |
| Landfill Office Building (L24-10-05750 and S24-12-33025) - Pittsylvania Co., VA<br><br>Installation of a modular office building with a new drainfield and connection to an existing water well. | Permit issued October 23, 2024. | The Action is 0.1 mile northwest of the Amendment Project. | 3.9 acres<br>Information not available for stream and wetland impacts. | Unknown | Water Quality and Use (HUC), Vegetation (HUC), Wildlife (HUC), Cultural Resources (APE), Land Use (1-Mile), Air Quality (0.25-Mile), Noise (0.25-Mile). |
| Climax Road Widening - Pittsylvania Co., VA<br><br>Widening of Climax Road to a minimum of 20 feet to accommodate traffic. | Construction complete 2022. | The Action is 12 miles northwest of the Amendment Project. | Information Not Available | Operation | Water Quality and Use (HUC), Vegetation (HUC), Wildlife (HUC). |
| Stony Mill Road (Route 869/Tunstall High Road (Route 869) - Pittsylvania Co., VA<br><br>Construction of a single lane roundabout at the intersection of Stony Mill Road and Tunstall High Road. | Construction complete 2025. | The Action is 0.5 mile east of the Amendment Project. | 0.4 acre<br>Information not available for stream and wetland impacts. | Operation | Water Quality and Use (HUC), Vegetation (HUC), Wildlife (HUC), Cultural Resources (APE), Land Use (1-Mile). |
| Lumen Fiber Optic Replacement - Project located in Rockingham Co., NC.<br><br>0.7 mile of new buried armored fiber optic line to accommodate the SSE Project Pipeline installation. Fiber line is to be offset 15 feet from existing pipelines. Fiber optic cable conduit to be installed by bore with bore pits stationed approximately every 500 feet. | Construction is anticipated to be completed November 2025. | The Action may overlap and/or be adjacent to the Amendment Project.<br><br>Fiber Optic Line Installation to occur:<br>from MP 1383.70 – MP 1384.40 of the Eden Loop | 0.85 acre of footprint.<br><br>No impacts on streams or wetlands are proposed. | Operation | Water Quality and Use (HUC), Vegetation (HUC), Wildlife (HUC), Cultural Resources (APE), Geological Resources (LOD), Soil Resources (LOD), Land Use (1-Mile), Air Quality (0.25-Mile), Noise (0.25-Mile). |

**Table A-11**
**Past, Present, and Reasonably Foreseeable Future Actions Evaluated for Potential Cumulative Effects**

| Project/ Company and Relevant Action Description/Location | Status / Estimated Construction Date | Action Components Overlapping with Geographic Scope and Approximate Closest Distance (miles) to the Amendment Project | Approximate Action Component Impacts within the Geographic Scope | Anticipated Temporal Overlap | Overlapping Geographic Scope(s)\ |
|---|---|---|---|---|---|
| Electrical Service Feed for the Lambert Interconnect (MLV-1) - Project located in Pittsylvania Co., VA.<br><br>New 120/240 single phase, 3-wire, 200-amp electrical service (distance unknown) for the proposed Lambert Interconnect (MLV-1). | Following construction of the Amendment Project. | Constructed within certificated workspace. | Information Not Available | Operation | Water Quality and Use (HUC), Vegetation (HUC), Wildlife (HUC), Cultural Resources (APE), Geological Resources (LOD), Soil Resources (LOD), Land Use (1-Mile), Air Quality (0.25-Mile), Noise (0.25-Mile). |
| Electrical Service Feed for the LN 3600 Interconnect - Project located in Rockingham Co., NC.<br><br>612 feet of new 120/240 single phase, 3-wire, 200-amp electrical service for the proposed LN 3600 Interconnect. | Following construction of the Amendment Project. | Constructed within certificated workspace. | 612 feet in length with a right-of-way width to be determined by the service provider. | Operation | Water Quality and Use (HUC), Vegetation (HUC), Wildlife (HUC), Cultural Resources (APE), Geological Resources (LOD), Soil Resources (LOD), Land Use (1-Mile), Air Quality (0.25-Mile), Noise (0.25-Mile). |
| Electrical Service Feed for the Dan River Interconnect #1 (MLV-4) - Project located in Rockingham Co., NC.<br><br>183 feet of new 120/240 single phase, 3-wire, 200-amp electrical service for the proposed Dan River Interconnect #1 (MLV-4). | Following construction of the Amendment Project. | Constructed within certificated workspace. | 183 feet in length with a right-of-way width to be determined by the service provider. | Operation | Water Quality and Use (HUC), Vegetation (HUC), Wildlife (HUC), Cultural Resources (APE), Geological Resources (LOD), Soil Resources (LOD), Land Use (1-Mile), Air Quality (0.25-Mile), Noise (0.25-Mile). |
| Electrical Service Feed for the Dan River Interconnect #2 - Project located in Rockingham Co., NC.<br><br>471 feet of new 120/240 single phase, 3-wire, 200-amp electrical service for the proposed Dan River Interconnect #2. | Following construction of the Amendment Project. | Constructed within certificated workspace. | 471 feet in length with a right-of-way width to be determined by the service provider. | Operation | Water Quality and Use (HUC), Vegetation (HUC), Wildlife (HUC), Cultural Resources (APE), Geological Resources (LOD), Soil Resources (LOD), Land Use (1-Mile), Air Quality (0.25-Mile), Noise (0.25-Mile). |
| Electrical Service Feed for MLV-2- Project located in Pittsylvania Co., VA.<br><br>48 feet of new 120/240 single phase, 3-wire, 100-amp electrical service for proposed MLV-2. | Following construction of the Amendment Project. | Constructed within certificated workspace. | 48 feet in length with a right-of-way width to be determined by the service provider. | Operation | Water Quality and Use (HUC), Vegetation (HUC), Wildlife (HUC), Cultural Resources (APE), Geological Resources (LOD), Soil Resources (LOD), Land Use (1-Mile), Air Quality (0.25-Mile), Noise (0.25-Mile). |
| Electrical Service Feed for MLV-3- Project located in Pittsylvania Co., VA.<br><br>107 feet of new 120/240 single phase, 3-wire, 100-amp electrical service for proposed MLV-3. | Following construction of the Amendment Project. | Constructed within certificated workspace. | 107 feet in length with a right-of-way width to be determined by the service provider. | Operation | Water Quality and Use (HUC), Vegetation (HUC), Wildlife (HUC), Cultural Resources (APE), Geological Resources (LOD), Soil Resources (LOD), Land Use (1-Mile), Air Quality (0.25-Mile), Noise (0.25-Mile). |
| Electrical Service Feed for Groundbed -1- Project located in Pittsylvania Co., VA.<br><br>162 feet of new 120/240 single phase, 3-wire, 100-amp electrical service for proposed Groundbed-1. | Following construction of the Amendment Project. | Constructed within certificated workspace. | 162 feet in length with a right-of-way width to be determined by the service provider. | Operation | Water Quality and Use (HUC), Vegetation (HUC), Wildlife (HUC), Cultural Resources (APE), Geological Resources (LOD), Soil Resources (LOD), Land Use (1-Mile), Air Quality (0.25-Mile), Noise (0.25-Mile). |
| Electrical Service Feed for Groundbed -2- Project located in Pittsylvania Co., VA.<br><br>107 feet of new 120/240 single phase, 3-wire, 100-amp electrical service for proposed Groundbed-2. | Following construction of the Amendment Project. | Constructed within certificated workspace. | 107 feet in length with a right-of-way width to be determined by the service provider. | Operation | Water Quality and Use (HUC), Vegetation (HUC), Wildlife (HUC), Cultural Resources (APE), Geological Resources (LOD), Soil Resources (LOD), Land Use (1-Mile), Air Quality (0.25-Mile), Noise (0.25-Mile). |

Source: Mountain Valley, August 8, 2025, attachment 1-6, FERC Accession number 20250808-5160. Transco, May 7, 2025, attachment 8 table 1.9-2, FERC Accession number 20250507-5159.

a Mountain Valley and Transco used publicly available information as well as datasets and documentation obtained directly through coordination with Action proponents to estimate potential cumulative effects presented in this table. Where Geographic Information System datasets were unavailable, Mountain Valley and Transco relied on project mapping, site plans, or narrative descriptions to approximate Action footprints and associated environmental impacts within the Amendment Project's geographic scope. In such cases, counts of environmental features were used in place of acreage estimates. Footprint and environmental impact estimates were obtained through review of publicly available sources or generated through GIS analysis using a combination of public datasets, Action proponent-provided data, georeferenced mapping or site plans, and conceptual workspace estimates based on described ROW widths. As a result, the acreages presented, or their summed totals, may differ from those included in permit applications or FERC filings submitted by Action proponents. These discrepancies may be due to differences in analysis methodologies, coordinate systems, the availability and currency of source data, and the accuracy of georeferencing applied to interpret mapping and narrative materials.

CS = Compressor Station
HUC = Hydrologic Unit Code
I = Interstate
LOD = Limit of Disturbance
ML = Mainline
MLV = Mainline Valve
HDD- Horizontal directional drill
NC = North Carolina
SR = State Route; US = United States Route; VA = Virginia

**Table A-12**

**HUC-12 Watersheds Impact Comparison [a]**

| HUC-12 Watershed Code and Number | HUC-12 Area (acres) | Project (Company Name as appropriate) | Overlapping Action and Project Components within HUC-12 Watershed | Approximate Construction Impact within HUC-12 Watershed(acres) | Approximate Operational Impact within HUC-12 Watershed (acres) | Approximate Stream Impacts within HUC-12 Watershed (acres) | Approximate Wetland Impacts within HUC-12 Watershed (acres) Construction | Approximate Wetland Impacts within HUC-12 Watershed (acres) Operation |
|---|---|---|---|---|---|---|---|---|
| Cherrystone Creek (030101050104) | 29,141 | Amendment Project | N/A | 54.9 | 20.1 | 0.14 | 6.5 | 4.3 |
| | | Transco SSE Project Eden Loop (CP25-10) | The Action's pipeline is collocated/overlaps with the Amendment Project. | 132.4 | 21 | 0.22 | 6.7 | 3.8 |
| | | Transco Southside Reliability Enhancement Project (CP22-461-000) | The Action overlaps with Project workspace at CS 166. | 37.8 | 37.8 | 0 | 0 | 0 |
| | | Mountain Valley Pipeline Project (CP16- 10-000; CP21-12/57-000) | The Action's pipeline overlaps with the Amendment Project. | 142.6 | 58.7 | N/A | N/A | N/A |
| | | Electrical Service Feed for the Lambert Interconnect (MLV-1) | The Action would overlap with the Amendment Project. | Information Not Available | Information Not Available | Information Not Available | Information Not Available | Information Not Available |
| **Cherrystone Creek Total** | | | | **367.7** | **137.6** | **N/A** | **N/A** | **N/A** |
| **Cherrystone Creek Percentage** | | | | **1.3%** | **0.5%** | **N/A** | **N/A** | **N/A** |
| White Oak Creek – Banister River (030101050103) | 23,135 | Amendment Project | N/A | 118 | 48.1 | 0.35 | 3.3 | 1.9 |
| | | Transco SSE Project Eden Loop (CP25-10) | The Action's pipeline is collocated/overlaps with the Amendment Project. | 149.3 | 49.3 | 0.72 | 3.3 | 1.9 |
| | | Electrical Service Feed for MLV-2 | The Action would overlap with the Amendment Project. | Information Not Available | Information Not Available | Information Not Available | Information Not Available | Information Not Available |
| | | Electrical Service Feed for Groundbed -1 | The Action would overlap with the Amendment Project. | Information Not Available | Information Not Available | Information Not Available | Information Not Available | Information Not Available |
| **White Oak Creek – Banister River Total** | | | | **267.3** | **97.4** | **N/A** | **N/A** | **N/A** |
| **White Oak Creek – Banister River Percentage** | | | | **1.2%** | **0.4%** | **N/A** | **N/A** | **N/A** |
| Sandy Creek – Dan River (030101030907) | 20,677 | Amendment Project | N/A | 64.3 | 25.5 | 0.19 | 0.62 | 0.3 |
| | | Transco SSE Project Eden Loop (CP25-10) | The Action's pipeline is collocated/overlaps with the Amendment Project. | 59.7 | 24.3 | 0.13 | 0.18 | 0.13 |
| **Sandy Creek – Dan River Total** | | | | **124** | **49.8** | **N/A** | **N/A** | **N/A** |
| **Sandy Creek – Dan River Percentage** | | | | **0.6%** | **0.2%** | **N/A** | **N/A** | **N/A** |

**Table A-12**

**HUC-12 Watersheds Impact Comparison [a]**

| HUC-12 Watershed Code and Number | HUC-12 Area (acres) | Project (Company Name as appropriate) | Overlapping Action and Project Components within HUC-12 Watershed | Approximate Construction Impact within HUC-12 Watershed(acres) | Approximate Operational Impact within HUC-12 Watershed (acres) | Approximate Stream Impacts within HUC-12 Watershed (acres) | Approximate Wetland Impacts within HUC-12 Watershed (acres) Construction | Approximate Wetland Impacts within HUC-12 Watershed (acres) Operation |
|---|---|---|---|---|---|---|---|---|
| Lower Sandy River (030101031003) | 34,722 | Amendment Project | N/A | 74.7 | 30.7 | 0.24 | 0.28 | 0.11 |
| | | Transco SSE Project Eden Loop (CP25-10) | The Action's pipeline is collocated/overlaps with the Amendment Project. | 102 | 30.8 | 1 | 0.72 | 0.37 |
| | | Electrical Service Feed for MLV-3 | The Action would overlap with the Amendment Project. | Information Not Available | Information Not Available | Information Not Available | Information Not Available | Information Not Available |
| **Lower Sandy River Total** | | | | **176.7** | **61.5** | **N/A** | **N/A** | **N/A** |
| **Lower Sandy River Percentage** | | | | **0.5%** | **0.2%** | **N/A** | **N/A** | **N/A** |
| Trotters Creek – Dan River (030101030903) | 27,799 | Amendment Project | N/A | 96.3 | 39.4 | 0.17 | 1.5 | 0.86 |
| | | Transco SSE Project Eden Loop (CP25-10) | The Action's pipeline is collocated/overlaps with the Amendment Project. | 141.4 | 38.4 | 0.29 | 2.9 | 1.1 |
| | | Electrical Service Feed for Groundbed -2 | The Action would overlap with the Amendment Project. | Information Not Available | Information Not Available | Information Not Available | Information Not Available | Information Not Available |
| **Trotters Creek – Dan River Total** | | | | **237.7** | **77.8** | **N/A** | **N/A** | **N/A** |
| **Trotters Creek – Dan River Percentage** | | | | **0.9%** | **0.3%** | **N/A** | **N/A** | **N/A** |
| Cascade Creek (030101030902) | 27,013 | Amendment Project | N/A | 32.2 | 11.5 | 0.2 | 2.8 | 1.6 |
| | | Transco SSE Project Eden Loop (CP25-10) | The Action's pipeline is collocated/overlaps with the Amendment Project. | 55.2 | 11.5 | 0.92 | 6.5 | 1.5 |
| **Cascade Creek Total** | | | | **87.4** | **23** | **N/A** | **N/A** | **N/A** |
| **Cascade Creek Percentage** | | | | **0.3%** | **0.1%** | **N/A** | **N/A** | **N/A** |
| Town Creek – Dan River (030101030901) | 22,531 | Amendment Project | N/A | 50.5 | 16.8 | 0.31 | 3.2 | 1.8 |
| | | Transco SSE Project Eden Loop (CP25-10) | The Action's pipeline is collocated/overlaps with the Amendment Project. | 72 | 17.2 | 1.7 | 9.2 | 2.2 |
| | | EnbridgeT15 Reliability Project | The Action's pipeline and interconnect facility overlaps the Amendment Project. | 33.96 | 13.58 | N/A | N/A | N/A |
| | | Transco Spray Meter Station | The Action's abandonment workspace may overlaps/be adjacent to the Amendment Project | 0.93 | 0 | 0 | 0 | 0 |

**Table A-12**

**HUC-12 Watersheds Impact Comparison [a]**

| HUC-12 Watershed Code and Number | HUC-12 Area (acres) | Project (Company Name as appropriate) | Overlapping Action and Project Components within HUC-12 Watershed | Approximate Construction Impact within HUC-12 Watershed(acres) | Approximate Operational Impact within HUC-12 Watershed (acres) | Approximate Stream Impacts within HUC-12 Watershed (acres) | Approximate Wetland Impacts within HUC-12 Watershed (acres) Construction | Approximate Wetland Impacts within HUC-12 Watershed (acres) Operation |
|---|---|---|---|---|---|---|---|---|
| | | Lumen Fiber Optic Replacement | The Action may overlap and/or be adjacent to the Amendment Project. | 0.85 | 0 | 0 | 0 | 0 |
| | | Electrical Service Feed for the LN 3600 Interconnect | The Action would overlap with the Amendment Project. | Information Not Available | Information Not Available | Information Not Available | Information Not Available | Information Not Available |
| | | Electrical Service Feed for the Dan River Interconnect #1 (MLV-4) | The Action would overlap with the Amendment Project. | Information Not Available | Information Not Available | Information Not Available | Information Not Available | Information Not Available |
| | | Electrical Service Feed for the Dan River Interconnect #2 | The Action would overlap with the Amendment Project. | Information Not Available | Information Not Available | Information Not Available | Information Not Available | Information Not Available |
| **Town Creek – Dan River Total** | | | | **158.2** | **47.6** | **N/A** | **N/A** | **N/A** |
| **Town Creek – Dan River Percentage** | | | | **0.7%** | **0.2%** | **N/A** | **N/A** | **N/A** |

Source: Mountain Valley, August 8, 2025, attachment 1-6, FERC Accession number 20250808-5160. Transco, May 7, 2025, attachment 8 table 1.9-4, FERC Accession No. 20250507-5159.

[a] Mountain Valley and Transco used publicly available information as well as datasets and documentation obtained directly through coordination with Action proponents to estimate potential cumulative effects presented in this table. Where Geographic Information System datasets were unavailable, Mountain Valley and Transco relied on project mapping, site plans, or narrative descriptions to approximate Action footprints and associated environmental impacts within the Amendment Project's geographic scope. In such cases, counts of environmental features were used in place of acreage estimates. To ensure consistency, similar count-based metrics were developed for the Amendment Project. Footprint and environmental impact estimates were obtained through review of publicly available sources or generated through GIS analysis using a combination of public datasets, Action proponent-provided data, georeferenced mapping or site plans, and conceptual workspace estimates based on described right-of-way widths. As a result, the acreages presented, or their summed totals, may differ from those included in permit applications or FERC filings submitted by Action proponents. These discrepancies may be due to differences in analysis methodologies, coordinate systems, the availability and currency of source data, and the accuracy of georeferencing applied to interpret mapping and narrative materials.

# Appendix B
# Figures

**Figure B-1 Site-Specific Residential Construction Plan - RSS-H650-046**

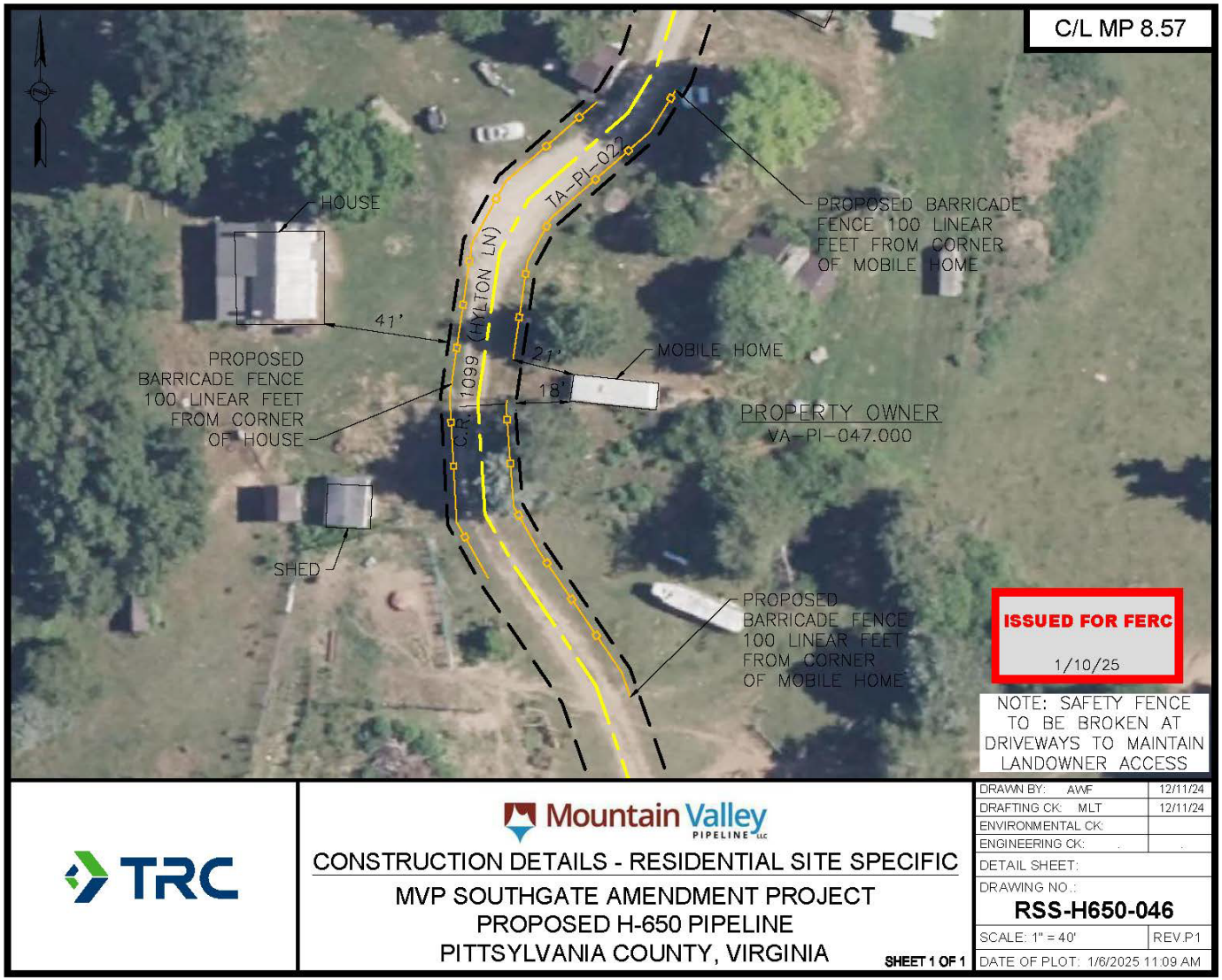


**Figure B-2 Site-Specific Residential Construction Plan – RSS-H650-047**

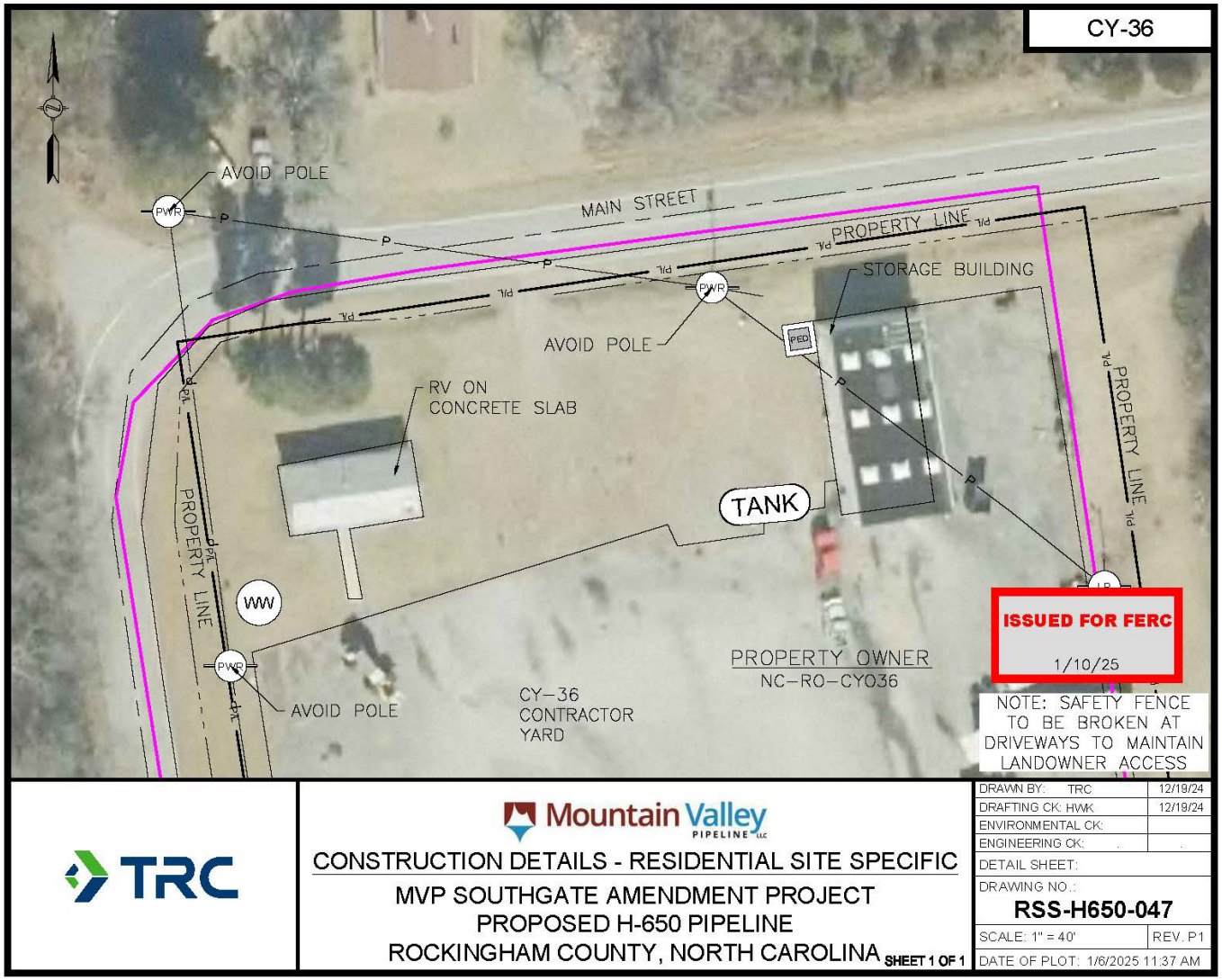


**Figure B-3 Predicted 48.6 dBA $L_n$ Contour for the Mitigated Sandy River HDD Site**

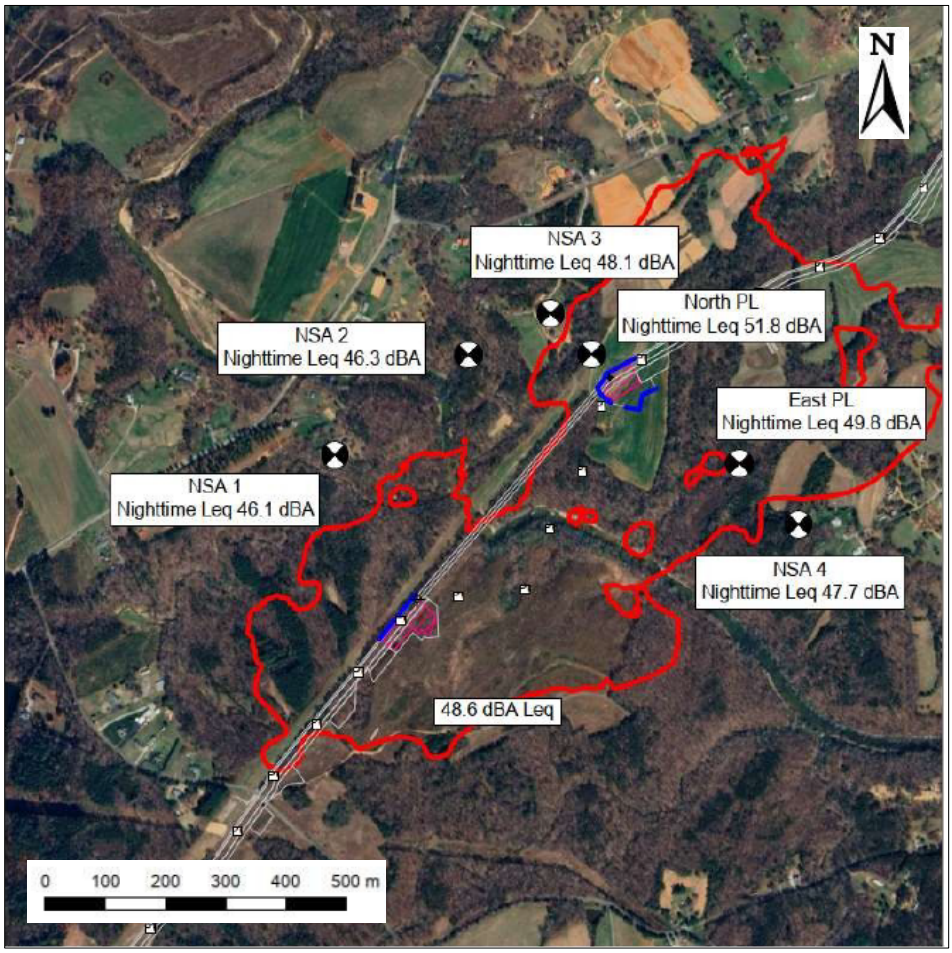
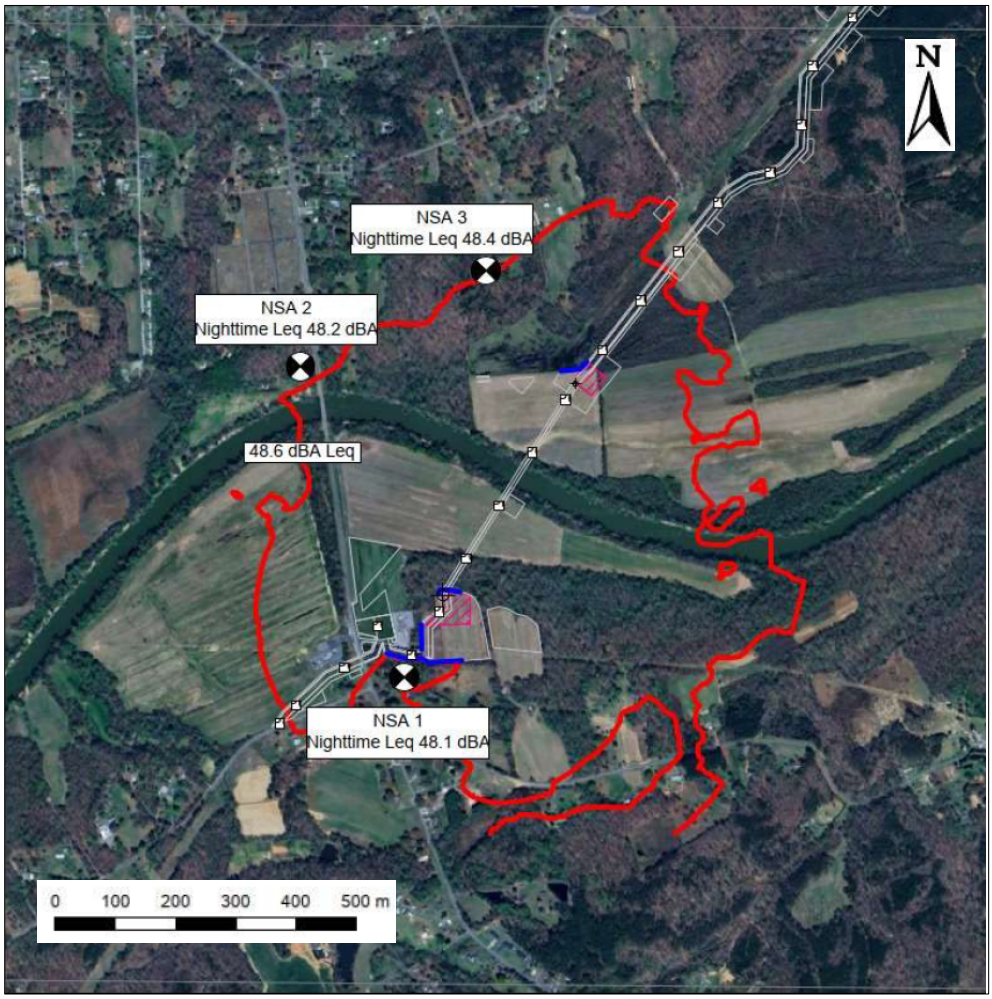


**Figure B-4 Predicted 48.6 dBA $L_n$ Contour for the Mitigated Dan River HDD Site**



# Appendix C
# List of Preparers

**Federal Energy Regulatory Commission**

**Yu, Olivia –** Environmental Project Manager, Proposed Action, Cumulative Impacts, Alternatives, Land Use
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# Appendix D
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