SheppardMullin

Sheppard, Mullin, Richter & Hampton LLP
Four Embarcadero Center, 17th Floor
San Francisco, California 94111-4109
415.434.9100 main
415.434.3947 fax
www.sheppardmullin.com

July 15, 2025

Ms. Debbie-Anne A. Reese, Secretary
Federal Energy Regulatory Commission
888 First Street, N.E.
Washington, DC 20426

RE: OEP/DG2E/Gas Branch 3
Mountain Valley Pipeline, LLC
Docket No. CP25-60-000
§ 375.308(x)

Dear Secretary Reese:

On February 3, 2025, Mountain Valley Pipeline, LLC filed an application in the above-captioned docket to amend its Certificate of Public Convenience and Necessity for the Southgate Project. On June 25, 2025, Commission Staff issued Environmental Information Request 2. Mountain Valley submits herewith responses to the Request. As indicated in the enclosed response document, Mountain Valley is finalizing its responses to certain items and expects to submit them no later than August 1, 2025.

If you have any questions, please do not hesitate to contact me at (415) 774-3104 or jbrough@sheppardmullin.com. Thank you.

Respectfully submitted,

/s/ Jennifer Brough
Jennifer Brough
Counsel to Mountain Valley Pipeline, LLC

cc: Olivia Yu - FERC OEP

Mountain Valley Pipeline, LLC
MVP Southgate Amendment Project
Docket No. CP25-60-000

Responses to FERC Office of Energy Projects Environmental Information Request 2
Dated June 25, 2025

Request:

General

1. Revise **all** tables and figures included in **each** Resource Report (RR) to include **only** Amendment Project impacts outside of the Certificated Project footprint (i.e., new Amendment Project footprint). Separate impacts by Project component (such as pipeline and contractor yards).

Response:

Mountain Valley is preparing this response and expects to submit it on or before August 1, 2025.

Respondent: James Sabol
Position: Project Manager
Phone Number: 412-510-5831
Date: July 15, 2025

Mountain Valley Pipeline, LLC
MVP Southgate Amendment Project
Docket No. CP25-60-000

Responses to FERC Office of Energy Projects Environmental Information Request 2
Dated June 25, 2025

Request:

General

2. Provide a summary (text or tables) for **each** resource that reports **all additional** impacts on that resource as a result of **updated** surveys (already completed) or **updated** publicly available information, within the Certificated Project workspace that is being retained for the Amendment Project. For example, additional impacts could include additional wetland acreage, additional waterbodies, new groundwater wells, sensitive vegetation communities, special land uses crossed, new residences within 50 feet of workspace, etc.

Response:

Mountain Valley is preparing this response and expects to submit it on or before August 1, 2025.

Respondent: James Sabol
Position: Project Manager
Phone Number: 412-510-5831
Date: July 15, 2025

Mountain Valley Pipeline, LLC
MVP Southgate Amendment Project
Docket No. CP25-60-000

Responses to FERC Office of Energy Projects Environmental Information Request 2
Dated June 25, 2025

Request:

General

3. Provide separate summary tables for the following:
    a. The net change in impacts overall from the Certificated Project to the revised Amendment Project for each resource. An example table for this request is provided as table A (attached); and
    b. The net change in impacts for each resource for the portion of the route that is being retained for the Amendment Project (this comparison should include only the portion of the Certificated Route that corresponds to Amendment Project milepost [MP] 0 to MP 31.3).

Response:

Mountain Valley is preparing this response and expects to submit it on or before August 1, 2025.

Respondent: James Sabol
Position: Project Manager
Phone Number: 412-510-5831
Date: July 15, 2025

Mountain Valley Pipeline, LLC
MVP Southgate Amendment Project
Docket No. CP25-60-000

Responses to FERC Office of Energy Projects Environmental Information Request 2
Dated June 25, 2025

Request:

General

4. Provide a table or tables denoting Project components within the Certificated Project (MP 0 to 31.3) that have been removed and would not be utilized for the Amendment Project (e.g., additional temporary workspace (ATWSs) and access roads).

Response:

Mountain Valley is preparing this response and expects to submit it on or before August 1, 2025.

Respondent: James Sabol
Position: Project Manager
Phone Number: 412-510-5831
Date: July 15, 2025

Mountain Valley Pipeline, LLC
MVP Southgate Amendment Project
Docket No. CP25-60-000

Responses to FERC Office of Energy Projects Environmental Information Request 2
Dated June 25, 2025

Request:

General

5. Provide an updated timeline for **all** outstanding items such as (but not limited to) the Biological Assessment (BA), geotechnical surveys for the Sandy River crossing, and revisions to the Pipeline Stream Crossing Burial Recommendations Plan.

Response:

Mountain Valley provides the following update regarding the status and anticipated timing of outstanding items requested by the Commission.

The Biological Assessment ("BA") is scheduled to be filed with FERC by the end of July 2025. This document will address all applicable federally listed species and incorporate recent survey results and coordination with the U.S. Fish and Wildlife Service ("USFWS").

Mountain Valley does not intend to conduct additional geotechnical borings at the Sandy River horizontal directional drill ("HDD") crossing. However, Mountain Valley has reviewed geotechnical data previously submitted by Transcontinental Gas Pipe Line Company, LLC ("Transco") in support of the Southeast Supply Enhancement Project ("SSEP") (FERC Accession No. 20241029-5076, Resource Report 2 – Appendix 2-E). The boring locations from that effort are in close proximity—approximately 40 to 180 feet—from the proposed Amendment Project HDD alignment. Notably, the boring that is closest to the Amendment Project alignment is situated in the most geotechnically critical area, which Mountain Valley considers highly beneficial for understanding ground conditions at the crossing. Based on Mountain Valley's understanding of the regional geology, review of the soil and rock layers, and the apparent geologic consistency across the HDD area, Mountain Valley does not expect significant differences between what was found in the Transco borings and what would likely be encountered along the planned bore path. Therefore, in an effort to minimize disruption to landowners and avoid unnecessary activity along a maintained right-of-way, Mountain Valley does not believe that additional intrusive borings are warranted.

To further validate the applicability of the Transco data and to enhance the understanding of subsurface conditions, Mountain Valley proposes to conduct electrical resistivity surveys along the proposed HDD alignment at the Sandy River crossing. These surveys will be completed during Q3 2025. Mountain Valley will file the results of the resistivity testing with FERC, along with an updated HDD design and alignment, if the data indicate that modifications are necessary.

Finally, Mountain Valley is in the process of finalizing the revised Pipeline Stream Crossing Burial Recommendations Plan. The updated Pipeline Stream Crossing Burial Recommendations Plan is anticipated to be included as part of the *Updated Appendix 1-G* to be filed with the

remainder of this Environmental Information Request response that Mountain Valley expects to submit on or before August 1, 2025.

Mountain Valley remains committed to keeping the Commission informed of all material updates and will promptly file an update to the docket should any of these timelines change.

Respondent: James Sabol
Position: Project Manager
Phone Number: 412-510-5831
Date: July 15, 2025

Mountain Valley Pipeline, LLC
MVP Southgate Amendment Project
Docket No. CP25-60-000

Responses to FERC Office of Energy Projects Environmental Information Request 2
Dated June 25, 2025

Request:

General

6. Provide a response to Williams' Transcontinental Gas Pipe Line Company, LLC comment letter (accession number 20250620-5365) filed on June 20, 2025. In addition, ensure that all responses to this EIR incorporate any adjustments to the proposed route in response to discussions with Williams.

Response:

In its June 20, 2025 comment letter, Transco indicated that it had incorporated shifted alignments for its Eden Loop. As a result of continued discussion with Transco, Mountain Valley has also incorporated shifted alignments for the H-650 Pipeline in certain identified areas. The response to *Resource Report 8-Question 1* below describes the areas where the alignment has shifted. Updated alignment sheets (*Updated Appendix 1-A*) provided in Attachment 1-2 of this Environmental Information Request response include detailed mapping of these changes.

Respondent: James Sabol
Position: Project Manager
Phone Number: 412-510-5831
Date: July 15, 2025

Mountain Valley Pipeline, LLC
MVP Southgate Amendment Project
Docket No. CP25-60-000

Responses to FERC Office of Energy Projects Environmental Information Request 2
Dated June 25, 2025

Request:

Resource Report 1–General Project Description

1. Clarify the amount of collocation with existing infrastructure. The Abbreviated Application states the "H-650 Pipeline will be collocated with existing infrastructure for approximately 70% (or 22 miles) of the proposed alignment" while RR 1 states "the pipeline is collocated with existing infrastructure for approximately 64 percent (approximately 20 miles) of the proposed alignment."

Response:

The Amendment Project pipeline is proposed to be collocated with existing infrastructure for approximately 64 percent (approximately 20 miles) of the proposed alignment. The total collocation amount (20.16 miles) was presented in *Appendix 1-E1* of Resource Report 1 as part of the February 3, 2025 Amendment Project Application. The reference in the Application to 70 percent was in error.

Respondent: James Sabol
Position: Project Manager
Phone Number: 412-510-5831
Date: July 15, 2025

Mountain Valley Pipeline, LLC
MVP Southgate Amendment Project
Docket No. CP25-60-000

Responses to FERC Office of Energy Projects Environmental Information Request 2
Dated June 25, 2025

Resource Report 1–General Project Description

2. Provide redline versions of the construction plans (per table 1.4-1) that have been updated for the Amendment Project.

Response:

Redline versions of all construction plans (per Table 1.4-1) that were updated for the Amendment Project are included in Attachment 1-1 of this Environmental Information Request response.

Respondent: James Sabol
Position: Project Manager
Phone Number: 412-510-5831
Date: July 15, 2025

Mountain Valley Pipeline, LLC
MVP Southgate Amendment Project
Docket No. CP25-60-000

Responses to FERC Office of Energy Projects Environmental Information Request 2
Dated June 25, 2025

Request:

Resource Report 1–General Project Description

3. The application provides a range of duration estimates for construction (between 12 months and 5 years). Clarify the apparent discrepancies regarding the Amendment Project construction schedule as listed in table 1.4-2, table 1.4-3, RR 9 (tables 9.2-5 and 9.2-6), and figure 11 of appendix 5-A.

Response:

As outlined in the preliminary construction schedule in Table 1.4-3 of Resource Report 1, Mountain Valley anticipates initiating clearing activities in the fourth quarter of 2026, provided all necessary approvals and clearances are received by that time. Pipeline construction is expected to begin in early 2027, with a targeted in-service date of mid-2028. This schedule is consistent with Table 1.4-2, which identified construction occurring in 2027 and 2028 and included the potential for clearing activities in late 2026. However, Mountain Valley will be prepared to proceed with construction as soon as all necessary approvals and clearances are received.

Although the economic analysis in *Appendix 5-A* of Resource Report 5 covers the years 2024 through 2028, physical construction of the Amendment Project is expected to occur primarily in 2027 and 2028. The five-year analysis period reflects the timeframe during which Mountain Valley will procure goods and services, including pre-construction activities such as permitting, but does not include post-construction activities, which are anticipated in 2029.

Because construction is expected to occur primarily in 2027 and 2028, estimated emissions presented in Tables 9.2-5 and 9.2-6 of Resource Report 9 are based on the type and duration of construction activities projected for those years.

Respondent: James Sabol
Position: Project Manager
Phone Number: 412-510-5831
Date: July 15, 2025

Mountain Valley Pipeline, LLC
MVP Southgate Amendment Project
Docket No. CP25-60-000

Responses to FERC Office of Energy Projects Environmental Information Request 2
Dated June 25, 2025

Request:

Resource Report 1–General Project Description

4. Table 1.9-2 lists power suppliers for aboveground facilities, mainline valves, and cathodic protection groundbeds as "TBD." Provide a revised table 1.9-2 which includes power suppliers for these facilities. Clarify which non-jurisdictional facilities were not analyzed in the final environmental impact statement (FEIS) as part of the Certificated Project.

Response:

Mountain Valley is preparing a revised Table 1.9-2and expects to submit it on or before August 1, 2025.

Section 2.2 of the Final Environmental Impact Statement ("FEIS") for the Original Certificated Project indicates that non-jurisdictional facilities for the Project include aboveground and underground powerlines and telecommunications extending from existing power poles to meter stations, the Lambert Compressor Station, mainline valves, and cathodic protection groundbeds.

Table 2-4 in Mountain Valley's May 9, 2025 response (Accession No. 20250509-5123) to the Commission's April 29, 2025 Environmental Information Request identifies two new aboveground facilities—Lambert Interconnect/MLV 1 (MP 0.0) and Dan River Interconnect #2 (MP 31.3), proposed as part of the Amendment Project that were not specifically named in the FEIS for the Original Certificated Project.

Both new facilities are located within workspaces that were previously certificated. No new workspace or acreage is required. However, because these facilities were not identified as aboveground facilities in the FEIS, their associated non-jurisdictional components were not analyzed as part of the Original Certificated Project.

Respondent: James Sabol
Position: Project Manager
Phone Number: 412-510-5831
Date: July 15, 2025

Mountain Valley Pipeline, LLC
MVP Southgate Amendment Project
Docket No. CP25-60-000

Responses to FERC Office of Energy Projects Environmental Information Request 2
Dated June 25, 2025

Request:

Resource Report 1–General Project Description

5. Section 1.2.2.3 states that valve actuators would allow for "local or remote" operation. Clarify whether the valve actuators would allow for local **and/or** remote operation.

Response:

Valve actuators at mainline valves will allow for local and/or remote operation.

Respondent: James Sabol
Position: Project Manager
Phone Number: 412-510-5831
Date: July 15, 2025

Mountain Valley Pipeline, LLC
MVP Southgate Amendment Project
Docket No. CP25-60-000

Responses to FERC Office of Energy Projects Environmental Information Request 2
Dated June 25, 2025

Request:

Resource Report 1–General Project Description

6. As discussed in section 1.3.1 and in regard to the Project-specific Erosion and Sediment Control (E&SC) plans to be developed in coordination with Virginia and North Carolina, indicate whether full-width right-of-way waterbars would be utilized in lieu of waterbars that only extend across the permanent right-of-way which appear to be identified in Drawing No. MVP-SG-17.3 of appendix 1-C1.

Response:

Mountain Valley is working with the appropriate state agencies and landowners to obtain approval to install permanent waterbars across the full width of the right-of-way.

Upon meeting Virginia and North Carolina Department of Environmental Quality ("DEQ") requirements, construction typical details will be developed to replace the current MVP-SG-17.3 construction typical detail. It is Mountain Valley's preference to install the waterbars across the full width of the right-of-way rather than only within the 50-foot permanent easement.

Respondent: Cory Chalmers
Position: Permitting Specialist
Phone Number: 304-627-8173
Date: July 15, 2025

Mountain Valley Pipeline, LLC
MVP Southgate Amendment Project
Docket No. CP25-60-000

Responses to FERC Office of Energy Projects Environmental Information Request 2
Dated June 25, 2025

Request:

Resource Report 1–General Project Description

7. Clarify in table 1.3-1 whether the 1.15 acres for operation of the cathodic protection groundbeds are double counted given footnote c.

Response:

The cathodic protection groundbeds are located within the limits of the pipeline permanent right-of-way; however, the acreages associated with those facilities were subtracted from the right-of-way acreage (i.e., cathodic protection groundbeds are listed as a separate line item within the table) and are therefore not double-counted within the total Amendment Project impacts.

Respondent: James Sabol
Position: Project Manager
Phone Number: 412-510-5831
Date: July 15, 2025

Mountain Valley Pipeline, LLC
MVP Southgate Amendment Project
Docket No. CP25-60-000

Responses to FERC Office of Energy Projects Environmental Information Request 2
Dated June 25, 2025

Request:

Resource Report 1–General Project Description

8. Section 1.3.1 states "Mountain Valley has generally reduced the Amendment Project's construction right-of-way width at wetland and waterbody crossings to 75 feet." Clarify if Mountain Valley is proposing any waterbody and/or wetland crossings with a right-of-way width that is greater than 75 feet. If so, provide each location and revise appendix 1-G (please see additional questions below regarding appendix 1-G) to request these modifications.

Response:

Mountain Valley is proposing waterbody and/or wetland crossings with a right-of-way width that is greater than 75 feet at the following locations:

- W-A022 (MP 5.5)
- S-A038 (MP 11.4)
- W-F009 (MP 28.7)
- W-B002a (MP 31.1)

An updated *Appendix 2-E* (Additional Temporary Workspace within 50 feet of Wetlands and Waterbodies) will be provided with the updated tables and figures that Mountain Valley expects to submit on or before August 1, 2025. The Wetland and Waterbody Construction and Mitigation Procedures ("Procedures") will be revised as detailed in the response to *Resource Report 1-Question 16* of this Environmental Information Request, and will be provided in the *Updated Appendix 1-G* with the remainder of this Environmental Information Request response that Mountain Valley expects to submit on or before August 1, 2025.

Respondent: James Sabol
Position: Project Manager
Phone Number: 412-510-5831
Date: July 15, 2025

Mountain Valley Pipeline, LLC
MVP Southgate Amendment Project
Docket No. CP25-60-000

Responses to FERC Office of Energy Projects Environmental Information Request 2
Dated June 25, 2025

Request:

Resource Report 1–General Project Description

9. Clarify the land required for operation of mainline valves (MLVs) 2 and 3 in table 1.3-2, in consideration of footnote b and the introductory paragraph, which appear to be contradictory.

Response:

As stated in Table 1.3-2, mainline valves ("MLVs") that are contained within the fenceline of a proposed meter station (i.e., MLV 1 at the Lambert Interconnect and MLV 4 at the Dan River Interconnect #1) will not require any additional land disturbance. MLVs 2 and 3 are located within the limits of the pipeline permanent right-of-way; however, the acreages associated with those facilities were subtracted from the right-of-way acreage (i.e., MLV 2 and 3 are listed as a separate line item within the table) and are therefore not double counted within the total Amendment Project acreage. As listed in Table 1.3-2, the land required for the operation of MLVs 2 and 3 is 0.04 acre.

Respondent: James Sabol
Position: Project Manager
Phone Number: 412-510-5831
Date: July 15, 2025

Mountain Valley Pipeline, LLC
MVP Southgate Amendment Project
Docket No. CP25-60-000

Responses to FERC Office of Energy Projects Environmental Information Request 2
Dated June 25, 2025

Request:

Resource Report 1–General Project Description

10. Table 1.3-4 does not appear to specify "the amount of forest that will be cleared for each contractor yard" as stated in the introductory paragraph, rather it appears to report on the total size. Reconcile the apparent discrepancy.

Response:

The introductory paragraph in Section 1.3.5 of Resource Report 1 incorrectly indicated that Table 1.3-4 identifies the amount of forest to be cleared for each contractor yard. Table 1.3-4 instead lists only the total acreage of each yard, not the extent of forested area affected.

Existing land use conditions provided in Table 8.2-2 of Resource Report 8 indicate that CY-037 in Pittsylvania County, Virginia includes 0.19 acre of Upland Forest/Woodland but was previously disturbed during use for construction of the Mountain Valley Pipeline. CY-036 in Rockingham County, North Carolina includes 0.72 acre of Upland Forest/Woodland.

Respondent: James Sabol
Position: Project Manager
Phone Number: 412-510-5831
Date: July 15, 2025

Mountain Valley Pipeline, LLC
MVP Southgate Amendment Project
Docket No. CP25-60-000

Responses to FERC Office of Energy Projects Environmental Information Request 2
Dated June 25, 2025

Request:

Resource Report 1–General Project Description

11. Clarify if the footprint of laydown yards CY-01 and CY-05 have changed from the Certificated Project. If the size of each laydown yard has changed, provide a table showing the previous certificated acreage as compared to the proposed acreage. In addition, provide figures depicting the new proposed boundaries as compared to the Certificated Project.

Response:

As shown in Table 1.3-4 of Resource Report 1 and Table 2.3-2 of the FEIS, CY-01 consists of a single parcel (VA-PI-001.000) that has remained unchanged between the Original Certificated Project and the Amendment Project. The slight difference in reported acreage—22.0 acres in the Amendment Project versus 22.2 acres in the FEIS—is likely due to updated GIS projections and rounding, and does not reflect a material change in footprint (see boundary as compared to the Original Certificated Project footprint filed with the alignment sheets in Attachment 1 of Mountain Valley's May 9, 2025 response [Accession No. 20250509-5123] to the Commission's April 29, 2025 Environmental Information Request).

CY-05 measures 7.7 acres for the Amendment Project, compared to 18.3 acres as indicated in the FEIS. While both versions include parcels NC-RO-001.200.CY and NC-RO-001.300.CY, the Amendment Project is no longer utilizing and did not include parcel NC-RO-001.400.CY, which accounts for the reduced acreage.

A table showing the previous Original Certificated Project acreage as compared to the Amendment Project acreage will be provided with the remainder of this Environmental Information Request response that Mountain Valley expects to submit on or before August 1, 2025.

The revised CY-05 boundary as compared to the Original Certificated Project footprint was filed with the alignment sheets in Attachment 1 of Mountain Valley's May 9, 2025 response (Accession No. 20250509-5123) to the Commission's April 29, 2025 Environmental Information Request. Updated alignment sheets are provided in the *Updated Appendix 1-A* in Attachment 1-2 of this Environmental Information Request response.[1]

[1] No changes for CY-05 have been made between the filing of Mountain Valley's May 9, 2025 response (Accession No. 20250509-5123) to the Commission's April 29, 2025 Environmental Information Request and the updated alignment sheets from the current Environmental Information Request response.

Mountain Valley Pipeline, LLC
MVP Southgate Amendment Project
Docket No. CP25-60-000

Responses to FERC Office of Energy Projects Environmental Information Request 2
Dated June 25, 2025

Respondent: James Sabol
Position: Project Manager
Phone Number: 412-510-5831
Date: July 15, 2025

Mountain Valley Pipeline, LLC
MVP Southgate Amendment Project
Docket No. CP25-60-000

Responses to FERC Office of Energy Projects Environmental Information Request 2
Dated June 25, 2025

Request:

Resource Report 1–General Project Description

12. For section 1.8.2, clarify how many miles and number of easements remain unacquired and/or unsurveyed in Virginia as the percentage given is by numbers of tracts, not linear distance. Also provide the parcel identification numbers for unacquired and/or unsurveyed tracts.

Response:

At this time, three tracts remain unacquired in Virginia, totaling approximately 1.78 miles of the pipeline route. The parcel identification numbers for the unacquired tracts are VA-PI-032.000, VA-PI-100.000, and VA-PI-119.000.

As stated in Section 2.3.1.3 of Resource Report 2, wetland and surface water surveys have not yet been completed at a single parcel (VA-PI-005.000 between MPs 1.0 and 1.15 in Pittsylvania County, Virginia) where access was not granted. Accordingly, only 0.15 mile (0.05 percent) of the Amendment Project route remains to be surveyed for wetland and surface waters.

All parcels (i.e., 100 percent of the 31.3 miles of the Amendment Project route) have been surveyed for cultural resources.

Respondent: James Sabol
Position: Project Manager
Phone Number: 412-510-5831
Date: July 15, 2025

Mountain Valley Pipeline, LLC
MVP Southgate Amendment Project
Docket No. CP25-60-000

Responses to FERC Office of Energy Projects Environmental Information Request 2
Dated June 25, 2025

Request:

Resource Report 1–General Project Description

13. The geographic scope in RR 1 for the below resource areas did not use the geographic scope the Commission typically utilizes for its cumulative impacts analysis. Therefore, provide an updated cumulative impacts analysis for the identified resource areas using the geographic scopes included in the table below. In addition, provide a revised table 1.10-2 which includes all Projects for all geographic scopes (not just those identified below) and the Certificated Project (up to MP 31.3). Revised table 1.10-2 should use the geographic scopes as listed in RR1 (except for those updated below) and be centered around the new Amendment Project footprint. Also, clarify if sites C-4 (Berry Hill Industrial Park/Danville and Pittsylvania Counties) and D-17 (Berry Hill Industrial Park) listed in table 1.10-2 are the same site. If so, resolve all discrepancies between both line items.

Environmental Resource	Geographic Scope
Fisheries/Aquatic Resources, Protected Species	HUC-12 watersheds
Land Use	1-mile radius
Recreation	Within 0.25 mile of the Amendment Project
Visual Resources	For pipelines, use 0.25 mile and existing visual access points (e.g., road crossings)

Response:

Mountain Valley is preparing this response and expects to submit it on or before August 1, 2025.

Respondent: James Sabol
Position: Project Manager
Phone Number: 412-510-5831
Date: July 15, 2025

Mountain Valley Pipeline, LLC
MVP Southgate Amendment Project
Docket No. CP25-60-000

Responses to FERC Office of Energy Projects Environmental Information Request 2
Dated June 25, 2025

Request:

Resource Report 1–General Project Description

Appendix 1-G Construction Plans

14. Explain the area between the "edge of the disturbed right-of-way" and "the right-of-way boundary" as depicted on typical Drawing No. MVP-SG-17.

Response:

To better clarify the label, a revised construction typical detail is being submitted as Attachment 1-3 of this Environmental Information Request response. This version removes the "ROW Boundary" label and also clarifies how the permanent waterbars will be installed.

As indicated in the response to *Resource Report 1-Question 6* of this Environmental Information Request, Mountain Valley is working with the appropriate state agencies and landowners to obtain approval to install permanent waterbars across the full width of the right-of-way. Upon meeting Virginia and North Carolina DEQ requirements, construction typical details will be implemented to replace any current construction typical details that depict how permanent waterbars are installed. It is Mountain Valley's preference to install the waterbars across the full width of the ROW rather than only within the 50-foot permanent easement.

Respondent: Cory Chalmers
Position: Permitting Specialist
Phone Number: 304-627-8173
Date: July 15, 2025

Mountain Valley Pipeline, LLC
MVP Southgate Amendment Project
Docket No. CP25-60-000

Responses to FERC Office of Energy Projects Environmental Information Request 2
Dated June 25, 2025

Request:

Resource Report 1–General Project Description

Appendix 1-G Construction Plans

15. **FERC Upland Erosion Control and Vegetation Maintenance Plan (Plan)**: Indicate all proposed modifications to the FERC Plan that were **not** included (reviewed and approved by FERC) in the Certificated Project.

Response:

The updated Upland Erosion Control and Vegetation Maintenance Plan ("Plan") included in *Appendix 1-G* of Resource Report 1 as part of the Amendment Project Application (Accession Number 20250203-5192) does not include any proposed modifications to the FERC Plan that were not previously reviewed and approved by FERC in Docket No. CP19-14-000.

A revised (July 2025) version of the Plan is included in the *Updated Appendix 1-G* in Attachment 1-4 of this Environmental Information Request response. Additionally, as requested in this Environmental Information Request, a redline copy of the July 2025 Plan is included in Attachment 1-1 of this Environmental Information Request response.

Respondent: Cory Chalmers
Position: Permitting Specialist
Phone Number: 304-627-8173
Date: July 15, 2025

Mountain Valley Pipeline, LLC
MVP Southgate Amendment Project
Docket No. CP25-60-000

Responses to FERC Office of Energy Projects Environmental Information Request 2
Dated June 25, 2025

Request:

Resource Report 1–General Project Description

Appendix 1-G Construction Plans

16. **Wetland and Waterbody Construction and Mitigation Procedures (Procedures)**: Appendix 2-E and table 2.3-9 from Resource Report 2 (please also see additional questions for these tables below), are included as Appendices to Mountain Valley's Wetland and Waterbody Construction and Mitigation Procedures. Mountain Valley revised these tables as part of their March 28, 2025 filing. Therefore, provide a revised Wetland and Waterbody Construction and Mitigation Procedures. Also indicate all proposed modifications to the FERC Procedures that were **not** included (reviewed and approved by FERC) in the Certificated Project. In addition, appendix 2-B (filed May 9, 2025) includes new access roads within wetlands. Therefore, provide a revised Wetland and Waterbody Construction and Mitigation Procedures that requests a modification to Procedures (VI.B.1.d).

Response:

Mountain Valley is preparing this response and expects to submit it on or before August 1, 2025.

Respondent: Cory Chalmers
Position: Permitting Specialist
Phone Number: 304-627-8173
Date: July 15, 2025

Mountain Valley Pipeline, LLC
MVP Southgate Amendment Project
Docket No. CP25-60-000

Responses to FERC Office of Energy Projects Environmental Information Request 2
Dated June 25, 2025

Request:

Resource Report 1–General Project Description

Appendix 1-G Construction Plans

17. **General Blasting Plan**: Section 4.0 states "Contractor will provide at least a 24-hour notice to occupants of nearby (within 250 feet of blasting area) buildings, stores, residences, businesses, farms, and other occupied areas prior to initiating blasting operations." Section 7.4 states "Blasting shall not begin until occupants of nearby buildings, residences, places of business, places of public gathering, and farmers/ranchers have been notified by the Contractor sufficiently in advance to protect personnel, property, and livestock. The Contractor shall notify all such parties at least 48 hours (2 normal working days M to F, non-holiday) prior to blasting." Resolve the apparent discrepancy.

Response:

Mountain Valley acknowledges the discrepancy noted between Section 4 and Section 7 of the General Blasting Plan. Mountain Valley has revised the General Blasting Plan to align notifications from the Blasting Contractor to 48 hours, as noted in Sections 4 and 7. The updated plan is included in the *Updated Appendix 1-G* in Attachment 1-4 of this Environmental Information Request response.

Respondent: James Sabol
Position: Project Manager
Phone Number: 412-510-5831
Date: July 15, 2025

Mountain Valley Pipeline, LLC
MVP Southgate Amendment Project
Docket No. CP25-60-000

Responses to FERC Office of Energy Projects Environmental Information Request 2
Dated June 25, 2025

Request:

Resource Report 2–Water Use and Quality

1. Table 2.2-1 (Private Wells and Springs within 150 feet) has a "TBD" for one row at MP 15.25. Provide the pending information or provide an explanation why the information cannot be provided. In addition, indicate which wells and springs are located within areas of new Amendment Project footprint. Additionally, indicate all wells/springs within Certificated Project workspace that were identified by new/updated surveys.

Response:

Mountain Valley is preparing a revised Table 2.2-1 that addresses the pending information and indicates which wells and springs are located within areas of new Amendment Project footprint and which are within Certificated Project workspace that were identified by new/updated surveys. The updated table will be provided with the remainder of this Environmental Information Request response that Mountain Valley expects to submit on or before August 1, 2025.

Respondent: James Sabol
Position: Project Manager
Phone Number: 412-510-5831
Date: July 15, 2025

Mountain Valley Pipeline, LLC
MVP Southgate Amendment Project
Docket No. CP25-60-000

Responses to FERC Office of Energy Projects Environmental Information Request 2
Dated June 25, 2025

Request:

Resource Report 2–Water Use and Quality

2. Section 2.2.5.4 states, regarding wellhead protection areas in Virginia, "an accurate database for the program does not exist, and publicly available information on established wellhead protection areas is not available…However, the FEIS identified no wellhead protection areas in the Amendment Project area." Given the time elapsed since completion of the FEIS, reconsult with the Virginia Department of Health Office of Drinking Water and applicable county authorities to verify the presence/absence of wellhead protection areas within the new Amendment Project footprint.

Response:

Mountain Valley contacted the Virginia Department of Health Office of Drinking Water and is currently coordinating with the Pittsylvania County Public Works Department to request information regarding the presence and/or absence of wellhead protection areas and location information, if available, within Pittsylvania County.

The Virginia Department of Health Office of Drinking Water provided a table of all the waterworks in Pittsylvania County and confirmed that no public waterworks (wells) in the county have a wellhead or source water protection plan. Additionally, comments submitted to VDEQ from the Virginia Department of Health Office of Drinking Water indicated "no apparent impacts to waterworks sources" from the Amendment Project. Updated agency correspondence is included as *Updated Appendix 1-I* in Attachment 1-5 of this Environmental Information Request response.

As of the date of this response, Mountain Valley has not yet received a response from the Pittsylvania County Public Works Department; however, correspondence will be provided to FERC upon receipt.

Respondent: James Sabol
Position: Project Manager
Phone Number: 412-510-5831
Date: July 15, 2025

Mountain Valley Pipeline, LLC
MVP Southgate Amendment Project
Docket No. CP25-60-000

Responses to FERC Office of Energy Projects Environmental Information Request 2
Dated June 25, 2025

Request:

Resource Report 2–Water Use and Quality

3. Section 2.2.6.3 states "Herbicide treatment will only be used to control invasive species present within upland areas in the permanent easement, as necessary." Clarify if Mountain Valley would only use herbicide treatments with landowner approval.

Response:

Mountain Valley clarifies that herbicide treatment would only be used to control invasive species present within upland areas in the permanent easement, as necessary, and with landowner approval.

Respondent: Cory Chalmers
Position: Permitting Specialist
Phone Number: 304-627-8173
Date: July 15, 2025

Mountain Valley Pipeline, LLC
MVP Southgate Amendment Project
Docket No. CP25-60-000

Responses to FERC Office of Energy Projects Environmental Information Request 2
Dated June 25, 2025

Request:

Resource Report 2–Water Use and Quality

4. Section 2.3.4 states "Measures to be implemented for dust control and/or water sources for dust control have not changed from those described in the FEIS (Final Environmental Impact Statement)." The Order included an environmental condition (No. 16) requiring Mountain Valley to provide its final list of water sources to be used for the Project (dust control, hydrostatic testing, and horizontal directional drill operations), including intake location, waterbody name, withdrawal rate and method, and measures to minimize entrainment of aquatic species. Mountain Valley is also required to provide written concurrence from the U.S. Fish and Wildlife Service (FWS) for any water withdrawals from the Dan River. Provide the requested information for dust control. Table 2.3-7 lists the Dan River as a primary water source for hydrostatic test water. Therefore, provide written concurrence from the FWS for water withdrawals from the Dan River.

Response:

Mountain Valley is currently coordinating with the USFWS on the use of the Dan River as a primary source for water withdrawal and will include potential impacts from the withdrawal from this surface water within Mountain Valley's draft Biological Assessment ("BA"). Mountain Valley intends to file its draft BA with the Commission in July 2025. Written concurrence from the USFWS for water withdrawals from the Dan River will be provided to FERC upon receipt.

Respondent: Cory Chalmers
Position: Permitting Specialist
Phone Number: 304-627-8173
Date: July 15, 2025

Mountain Valley Pipeline, LLC
MVP Southgate Amendment Project
Docket No. CP25-60-000

Responses to FERC Office of Energy Projects Environmental Information Request 2
Dated June 25, 2025

Request:

Resource Report 2–Water Use and Quality

5. Table 2.3-7 lists the Dan River at MP 0 as the primary source of water. However, the Dan River is located at MP 31.3. In addition, the proposed discharge location is listed as MP 31.3 and the Roanoke River Basin (HUC-12 watershed). MP 31.3 is in the HUC-12 watershed Town Creek-Dan River. Resolve any discrepancies.

Response:

A corrected Table 2.3-7 will be provided with the remainder of this Environmental Information Request response that Mountain Valley expects to submit on or before August 1, 2025.

Respondent: Cory Chalmers
Position: Permitting Specialist
Phone Number: 304-627-8173
Date: July 15, 2025

Mountain Valley Pipeline, LLC
MVP Southgate Amendment Project
Docket No. CP25-60-000

Responses to FERC Office of Energy Projects Environmental Information Request 2
Dated June 25, 2025

Request:

Resource Report 2–Water Use and Quality

6. Section 2.3.5 states "The general placement of ATWS and vegetation clearing methods between waterbodies and the ATWS have not changed from the FEIS." Provide specifics regarding any vegetation clearing methods that have changed from the FEIS.

Response:

The vegetation clearing methods that are identified and discussed in Section 2.4.1.2 of the FEIS have not changed.

Respondent: Cory Chalmers
Position: Permitting Specialist
Phone Number: 304-627-8173
Date: July 15, 2025

Mountain Valley Pipeline, LLC
MVP Southgate Amendment Project
Docket No. CP25-60-000

Responses to FERC Office of Energy Projects Environmental Information Request 2
Dated June 25, 2025

Request:

Resource Report 2–Water Use and Quality

7. Section 2.3.5 and table 2.3-9 (revised on 3-28-25) state "There are 15 locations along the Amendment Project where maintaining 15 feet of undisturbed vegetation is not feasible." Environmental Condition No. 15 from the Order instructs Mountain Valley to file site-specific plans detailing the enhanced erosion control measures and maintenance requirements for each location where the Project will parallel and remove vegetation within 15 feet of a waterbody. Provide the requested information.

Response:

Site-specific plans detailing the enhanced erosion control measures and maintenance requirements for each location where the Project will parallel and remove vegetation within 15 feet of a waterbody will be provided with the remainder of this Environmental Information Request response that Mountain Valley expects to submit on or before August 1, 2025.

Respondent: Cory Chalmers
Position: Permitting Specialist
Phone Number: 304-627-8173
Date: July 15, 2025

Mountain Valley Pipeline, LLC
MVP Southgate Amendment Project
Docket No. CP25-60-000

Responses to FERC Office of Energy Projects Environmental Information Request 2
Dated June 25, 2025

Request:

Resource Report 2–Water Use and Quality

8. Describe and update the permitting process and associated actions resulting from the permanent impacts in the 100-year Flood Zone (table 2.3-3).

Response:

Mountain Valley is coordinating with local floodplain administrators regarding the Amendment Project and will provide an update to the docket once available.

Respondent: Cory Chalmers
Position: Permitting Specialist
Phone Number: 304-627-8173
Date: July 15, 2025

Mountain Valley Pipeline, LLC
MVP Southgate Amendment Project
Docket No. CP25-60-000

Responses to FERC Office of Energy Projects Environmental Information Request 2
Dated June 25, 2025

Request:

Resource Report 2–Water Use and Quality

9. Provide a list of waterbody and/or wetland crossing locations that changed due to updated surveys.

Response:

Updated *Appendices 2-A* (Waterbodies Crossed by the Amendment Project) and *2-B* (Wetlands Crossed by the Amendment Project), indicating waterbody and/or wetland crossing locations that changed due to updated surveys, will be provided with the remainder of this Environmental Information Request response that Mountain Valley expects to submit on or before August 1, 2025.

Respondent: Cory Chalmers
Position: Permitting Specialist
Phone Number: 304-627-8173
Date: July 15, 2025

Mountain Valley Pipeline, LLC
MVP Southgate Amendment Project
Docket No. CP25-60-000

Responses to FERC Office of Energy Projects Environmental Information Request 2
Dated June 25, 2025

Request:

Resource Report 3–Fish, Wildlife, and Vegetation

1. Provide a list of fish and/or aquatic resources, fish populations, fish habitat, and fisheries of concern that would be affected due to new Amendment Project footprint and/or updated surveys that were **not** discussed in the FEIS. Denote which species, populations, habitat, or fisheries of concern are due to new Amendment Project footprint and which are due to updated surveys.

Response:

No new fisheries of special concern or fish habitats were identified within the Amendment Project footprint that were not already addressed in the FEIS.

Consultation with the North Carolina Natural Heritage Program ("NCNHP") for both the Original Certificated Project and the Amendment Project identified the ROA/Dan River Aquatic Habitat as a potentially significant or sensitive wildlife area; however, this habitat was not discussed in the FEIS. As described in Tables 3.3-1 and 3.4-3 of Resource Report 3, the Dan River will be crossed via HDD, avoiding any instream construction impacts to the habitat.

Two North Carolina state-listed endangered aquatic species not discussed in the FEIS were identified during consultation with the NCNHP as potentially present in relevant proximity to the Amendment Project area. These species were not identified during consultation for the Original Certificated Project and are a result of updated agency data. These two species are the bigeye jumprock (*Moxostoma ariommum*), a fish species, and the notched rainbow (*Villosa constricta*), a mussel species. As indicated in Table 3.5-1, further targeted surveys were not required per the NCNHP. The North Carolina Wildlife Resources Commission ("NCWRC") informed Mountain Valley on February 14, 2025 that aquatic species surveys were not required, as recent third-party surveys documented state and federally listed species in both the Dan River and Cascade Creek.

Additionally, following the issuance of the FEIS, the USFWS designated critical habitat for the federally listed Atlantic pigtoe on December 16, 2021. The Amendment Project route intersects the Dan River critical habitat unit in North Carolina. Because the crossing will be completed using HDD, and instream impacts will be avoided, the Project is not likely to adversely affect the Atlantic pigtoe or its critical habitat. Mountain Valley's BA, which is scheduled to be filed with FERC by the end of July 2025, will further discuss the Atlantic pigtoe.

Mountain Valley Pipeline, LLC
MVP Southgate Amendment Project
Docket No. CP25-60-000

Responses to FERC Office of Energy Projects Environmental Information Request 2
Dated June 25, 2025

Respondent: Cory Chalmers
Position: Permitting Specialist
Phone Number: 304-627-8173
Date: July 15, 2025

Mountain Valley Pipeline, LLC
MVP Southgate Amendment Project
Docket No. CP25-60-000

Responses to FERC Office of Energy Projects Environmental Information Request 2
Dated June 25, 2025

Request:

Resource Report 3–Fish, Wildlife, and Vegetation

2. Appendix 1-I includes an October 18, 2024 letter to the FWS that says Mountain Valley will submit a Migratory Bird Conservation Plan (MBCP) to FWS "in the near future." Section 3.3.3.3 of RR3 states "conservation measures will be based on those described in USFWS's Nationwide Conservation Measures, USFWS National Bald Eagle Management Guidelines..." and "Construction methods and strategies for minimizing impacts to migratory bird habitat have not changed from those described in the FEIS." Clarify if a MBCP will be prepared for the Amendment Project. In addition, discuss vegetation maintenance (mowing, weed-eating, clearing) that may be necessary during migratory bird nesting season (April 15 to August 1).

Response:

The Migratory Bird Conservation Plan ("MBCP") is currently being prepared for the Amendment Project and will be provided with the remainder of this Environmental Information Request response that Mountain Valley expects to submit on or before August 1, 2025. Vegetation maintenance (mowing, weed-eating, clearing) that may be necessary during migratory bird nesting season (April 15 to August 1) will be addressed in the MBCP.

Respondent: Cory Chalmers
Position: Permitting Specialist
Phone Number: 304-627-8173
Date: July 15, 2025

Mountain Valley Pipeline, LLC
MVP Southgate Amendment Project
Docket No. CP25-60-000

Responses to FERC Office of Energy Projects Environmental Information Request 2
Dated June 25, 2025

Request:

Resource Report 3–Fish, Wildlife, and Vegetation

3. Provide a qualitative discussion of additional noise and night lighting impacts on fish and wildlife, including migratory birds, from the new proposed horizontal directional drill (HDD) at the Sandy River.

Response:

A discussion of noise and lighting impacts on federally listed bats is included in the BA that is scheduled to be filed with FERC by the end of July 2025; however, the BA does not address migratory birds and general fish and wildlife. A MBCP is currently being prepared for the Amendment Project and will be provided with the remainder of this Environmental Information Request response that Mountain Valley expects to submit on or before August 1, 2025.

Artificial lighting has the potential to influence wildlife behavior. Avian species may be attracted to artificial light sources, which can result in temporary disorientation or fatigue, particularly during migratory periods. Illumination during nighttime hours may also cause localized, short-term alterations in wildlife activity, including foraging and movement patterns, as well as behavioral processes such as communication and reproduction. To the maximum extent practicable, efforts will be made to focus temporary construction lighting on the work area(s) and away from natural waterbodies and other natural areas. The directional luminous intensity of lighting structures used during construction will be proportional to the work area required to complete the task. Fully shielded, "full cut-off" type lighting fixtures will be used to minimize objectionable light from upland facilities. "Full cut-off" means no direct upward lighting is emitted above the horizontal plane and, therefore, provides the maximum possible shielding to prevent unintentional lighting of surrounding areas.

Similarly, anthropogenic noise that exceeds ambient conditions may affect wildlife by disrupting communication, inducing temporary avoidance behavior, or altering feeding and migratory activities. These effects are generally limited to periods of active construction and are not anticipated to result in long-term impacts.

However, any potential impacts from HDD will be temporary and limited in scope. Avoidance and minimization measures for light and noise will be implemented based on the FEIS and the BA and will minimize impacts to wildlife and migratory birds. Therefore, consistent with the FEIS for the Original Certificated Project, the Amendment Project would not significantly impact wildlife, terrestrial habitats, migratory birds, or fisheries and aquatic resources.

Mountain Valley Pipeline, LLC
MVP Southgate Amendment Project
Docket No. CP25-60-000

Responses to FERC Office of Energy Projects Environmental Information Request 2
Dated June 25, 2025

Respondent: Cory Chalmers
Position: Permitting Specialist
Phone Number: 304-627-8173
Date: July 15, 2025

Mountain Valley Pipeline, LLC
MVP Southgate Amendment Project
Docket No. CP25-60-000

Responses to FERC Office of Energy Projects Environmental Information Request 2
Dated June 25, 2025

Request:

Resource Report 3–Fish, Wildlife, and Vegetation

4. Denote any changes to wildlife species lists, distances from special wildlife management areas, and/or important bird areas due to new Amendment Project footprint and/or new/updated surveys. If changes are provided, denote which are due to new Amendment Project footprint and which are due to updated surveys.

Response:

Tables 3.3-1, 3.3-2, and 3.5-1 will be revised to denote any changes to wildlife species lists, distances from special wildlife management areas, and/or important bird areas due to new Amendment Project footprint. Mountain Valley will denote which changes are due to new Amendment Project footprint and which are due to updated survey information.

The revised Tables 3.3-1, 3.3-2, and 3.5-1 will be provided with the remainder of this Environmental Information Request response that Mountain Valley expects to submit on or before August 1, 2025.

Respondent: Cory Chalmers
Position: Permitting Specialist
Phone Number: 304-627-8173
Date: July 15, 2025

Mountain Valley Pipeline, LLC
MVP Southgate Amendment Project
Docket No. CP25-60-000

Responses to FERC Office of Energy Projects Environmental Information Request 2
Dated June 25, 2025

Request:

Resource Report 3–Fish, Wildlife, and Vegetation

5. Provide a list of potentially invasive, exotic, and noxious (state and federal) species for the new Amendment Project footprint and updated survey areas that were not discussed in the FEIS.

Response:

Section 4.5.3 of the FEIS for the Original Certificated Project identified the most common exotic or invasive plant species as Japanese honeysuckle, Chinese lespedeza (i.e., Sericea lespedeza), Japanese stilt-grass, Chinese privet, tree of heaven, multiflora rose, spotted knapweed, and Johnson grass (in Virginia) and Japanese honeysuckle, Japanese stilt-grass, multiflora rose, Chinese privet, and tree of heaven (in North Carolina).

The list of potential invasive species was updated for the Amendment Project using the 2024 Virginia Department of Conservation and Recreation – Division of Natural Heritage ("VDCR-DNH") Virginia Invasive Plant Species List and the 2023 North Carolina Invasive Plant Council List. All species previously identified by FERC as the most common exotic or invasive plants were also included in the updated Exotic and Invasive Species Control Plan that was included in *Appendix 1-G* of Resource Report 1 as part of Mountain Valley's February 3, 2025 Amendment Project Application.

The full inventory of non-native and invasive plant species with potential to occur along the Amendment Project route—including species not listed by VDCR-DNH or the North Carolina Invasive Plant Council during the Original Certificated Project—is included in the redline version of the Exotic and Invasive Species Control Plan, as provided in Attachment 1-1 of this Environmental Information Request response.

Respondent: Cory Chalmers
Position: Permitting Specialist
Phone Number: 304-627-8173
Date: July 15, 2025

Mountain Valley Pipeline, LLC
MVP Southgate Amendment Project
Docket No. CP25-60-000

Responses to FERC Office of Energy Projects Environmental Information Request 2
Dated June 25, 2025

Request:

Resource Report 3–Fish, Wildlife, and Vegetation

6. Provide a revised Exotic and Invasive Plant Species Control Plan to address management and monitoring of potential noxious species observed on the Virginia and North Carolina state noxious weed lists and federal noxious weed list.

Response:

An updated Exotic and Invasive Plant Species Control Plan that was revised for the Amendment Project was submitted in *Appendix 1-G* of Mountain Valley's February 3, 2025 Amendment Project Application.

Section 1.1 of the revised plan addresses monitoring and management measures for noxious species in Virginia and North Carolina.

Respondent: Cory Chalmers
Position: Permitting Specialist
Phone Number: 304-627-8173
Date: July 15, 2025

Mountain Valley Pipeline, LLC
MVP Southgate Amendment Project
Docket No. CP25-60-000

Responses to FERC Office of Energy Projects Environmental Information Request 2
Dated June 25, 2025

Request:

Resource Report 3–Fish, Wildlife, and Vegetation

7. Revise table 3.5-1 to include the monarch butterfly. In addition, include effects determinations for **each** species and updated survey status. Include the North Carolina Natural Heritage Program (NCNHP) comments regarding Virginia quillwort and small whorled pogonia and provide the Virginia Department of Wildlife Resources (VDWR) comments for the smooth coneflower.

Response:

Table 3.5-1 will be revised to include the monarch butterfly and will be provided with the remainder of this Environmental Information Request response that Mountain Valley expects to submit on or before August 1, 2025.

Coordination with the USFWS Virginia Field Office and Raleigh Field Office did not identify any known special plant communities or the potential presence of federally listed plant species within the Amendment Project area in North Carolina (USFWS 2024b).

Based on feedback received from NCNHP for the Amendment Project, there are no records of state-listed rare plant species (including small whorled pogonia or Virginia quillwort) in the Amendment Project area (Agency Consultations [see Resource Report 1, *Appendix 1-I*], Accession No. 20250203-5193). In a letter dated August 8, 2024, VDCR concurred ... "with the methodology for the Rare Plants Along the Mountain Valley Pipeline (MVP) Southgate Project in Virginia Report dated October 16, 2019 ... and has no further comments for these resources." No small whorled pogonia, Virginia quillwort, or smooth coneflower were encountered during the 2019 plant surveys conducted for the Original Certificated Project, and no updated plant surveys are warranted for the Amendment Project in Virginia.

The Virginia Department of Wildlife Resources ("VDWR") is reviewing Mountain Valley's submissions but has not yet provided comments. Mountain Valley will provide updated correspondence from VDWR once available.

References

U.S. Fish and Wildlife Service. 2024b. Information for Planning and Consultation Online System. Project Code 2025-0003471 (Raleigh Ecological Services Field Office) and Project Code 2025-0003478 (Virginia Ecological Services Field Office). Available at https://ecos.fws.gov/ipac/. Accessed August 2024.

Mountain Valley Pipeline, LLC
MVP Southgate Amendment Project
Docket No. CP25-60-000

Responses to FERC Office of Energy Projects Environmental Information Request 2
Dated June 25, 2025

Respondent: Cory Chalmers
Position: Permitting Specialist
Phone Number: 304-627-8173
Date: July 15, 2025

Mountain Valley Pipeline, LLC
MVP Southgate Amendment Project
Docket No. CP25-60-000

Responses to FERC Office of Energy Projects Environmental Information Request 2
Dated June 25, 2025

Request:

Resource Report 3–Fish, Wildlife, and Vegetation

8. Section 3.5.1.4 states "Mountain Valley is coordinating with USFWS regarding the potential need for additional hibernacula and/or portal surveys [for the northern long-eared bat] for the Amendment Project and will complete those surveys if warranted for purposes of the upcoming Section 7 consultation process." However, table 3.5-1 states "no further surveys are required." Resolve the apparent discrepancy.

Response:

A summary of the relevant completed surveys, including desktop evaluations and pedestrian searches, is provided in the BA that is scheduled to be filed with FERC by the end of July 2025. No potential portals were identified during surveys in either Virginia or North Carolina. The VDWR Wildlife Information and Environmental Services, the Northern Long-Eared Bat Regulatory Buffer Interactive Tool, and the Little Brown Bat and Tri-colored Bat Winter Habitat and Roosts Application data platform, as well as the North Carolina Department of Natural and Cultural Resources' Natural Heritage Program database, were queried.

No known bat hibernacula were identified within 5 miles of the terrestrial Action Area. Therefore, no additional surveys are required.

Respondent: Cory Chalmers
Position: Permitting Specialist
Phone Number: 304-627-8173
Date: July 15, 2025

Mountain Valley Pipeline, LLC
MVP Southgate Amendment Project
Docket No. CP25-60-000

Responses to FERC Office of Energy Projects Environmental Information Request 2
Dated June 25, 2025

Request:

Resource Report 3–Fish, Wildlife, and Vegetation

9. Section 3.5.1.6 states "According to the IPaC database, and based on initial coordination with the USFWS, no federally listed plant species are expected to occur in relevant proximity to the Amendment Project area." However, table 3.5-1 lists Virginia quillwort as a federal species of concern and small whorled pogonia and smooth coneflower as federally threatened species. Indicate whether these species will be evaluated as part of the BA.

Response:

Virginia quillwort, small whorled pogonia, and smooth coneflower will not be evaluated in the BA that is scheduled to be filed with FERC by the end of July 2025. Communication and coordination with the USFWS, as well as the IPaC query, indicated that no federally listed plant species or special status plant communities are expected to be present within the Amendment Project area; therefore, they will not be addressed in the BA.

Respondent: Cory Chalmers
Position: Permitting Specialist
Phone Number: 304-627-8173
Date: July 15, 2025

Mountain Valley Pipeline, LLC
MVP Southgate Amendment Project
Docket No. CP25-60-000

Responses to FERC Office of Energy Projects Environmental Information Request 2
Dated June 25, 2025

Request:

Resource Report 3–Fish, Wildlife, and Vegetation

10. Provide analysis (similar to section 3.5.1.3) of federal species of concern (orange madtom, yellow lampmussel, and Virginia quillwort).

Response:

- **Orangefin Madtom (*Noturus gilberti*)**: Based on feedback received from NCNHP for the Amendment Project, there are no records of Orangefin Madtom within one mile of the Amendment Project Area in North Carolina. Neither the North Carolina Wildlife Resource Commission ("NCWRC") nor the USFWS Raleigh Field Office recommended updated mussel or fish surveys for the Amendment Project. VDWR has not yet provided an official review.
- **Yellow Lampmussel**: Listed as Endangered in North Carolina and a species of special status (i.e., 2025 Wildlife Action Plan Tier 2a) in Virginia. The yellow lampmussel was not observed during mussel surveys conducted by Mountain Valley for the Original Certificated Project in both states (ESI 2019, 2020), nor in habitat assessments and surveys completed in Virginia for the Amendment Project (EDGE 2025a, b). In North Carolina, updated mussel habitat assessments and surveys were not conducted based on guidance from USFWS and NCWRC (October 18, 2024, and February 14, 2025, respectively). In lieu of updated habitat assessments and surveys in North Carolina, the agencies recommended avoiding instream work in Cascade Creek and the Dan River and assuming presence of federally listed mussel species. Accordingly, potential impacts to the yellow lampmussel, if present, would be avoided or minimized.
- **Virginia Quillwort**: Consultation with NCNHP indicated no records of Virginia quillwort or other state-listed rare plants in the Amendment Project area (see Agency Consultation [see Resource Report 1, *Appendix 1-I*], Accession No. 20250203-5193). In a letter dated August 8, 2024, VDCR concurred "with the methodology for the Rare Plants Along the Mountain Valley Pipeline (MVP) Southgate Project in Virginia Report dated October 16, 2019 ... and has no further comments for these resources." No Virginia quillwort was encountered during the 2019 surveys, and no updated plant surveys are warranted for the Amendment Project in Virginia.

References

EDGE 2025a. MVP Southgate: 2025 Freshwater Mussel Habitat Assessment Results and Survey Plan, Pittsylvania County, Virginia. April 8, 2025. 66 pp.

EDGE 2025b. MVP Southgate: 2025 Freshwater Mussel Survey Results, Pittsylvania County, Virginia. June 3, 2025. 120 pp.

ESI. 2019. Updated Freshwater Mussel (Unionidae) Survey Efforts Along the Proposed Mountain Valley Pipeline in Virginia. Prepared for Mountain Valley Pipeline by Environmental Solutions & Innovations, Inc. Cincinnati, Ohio. 87 pp.

ESI. 2020. Freshwater Mussel (Unionidae) and Carolina Ladle Crayfish Surveys Along the Proposed MVP Southgate Project in North Carolina. Revised Final Report. March 24, 2020. 110 pp.

Respondent: Cory Chalmers
Position: Permitting Specialist
Phone Number: 304-627-8173
Date: July 15, 2025

Mountain Valley Pipeline, LLC
MVP Southgate Amendment Project
Docket No. CP25-60-000

Responses to FERC Office of Energy Projects Environmental Information Request 2
Dated June 25, 2025

Request:

Resource Report 3–Fish, Wildlife, and Vegetation

11. Provide an updated discussion regarding state-protected species which focuses on new species that were identified within new Amendment Project footprint areas and were **not** discussed in the FEIS. Clarify if any new state-protected species (**not** discussed in the FEIS) were identified due to updated surveys. Indicate if any state listed species, discussed in the FEIS, has an effects determination different than the FEIS.

Response:

A total of four state-protected species were identified for the Amendment Project that were not discussed in the FEIS: orangefin madtom and spirit supercoil (*Paravitrea hera*) in Virginia, and the bigeye jumprock and notched rainbow in North Carolina.

- The orangefin madtom is a state listed threatened species in Virginia and is discussed above in *Resource Report 3-Question 10.*
- The spirit supercoil is typically found in leaf litter on river bluffs and thrives in habitats with coarse substrates like gravel and cobble, often in areas with minimal pollution and relatively pristine conditions. No habitat was observed during biological surveys of the Amendment Project area. In a letter dated August 8, 2024, VDCR had no comments on the spirit supercoil. VDWR is reviewing Mountain Valley's submissions but has not yet provided comments. Mountain Valley will provide updated correspondence from VDWR once available.

The two North Carolina state-listed endangered aquatic species (bigeye jumprock and notched rainbow) were not identified during consultation for the Original Certificated Project and are a result of updated agency data. Both of these are discussed further in Mountain Valley's response to *Resource Report 3-Question 1* of this Environmental Information Request.

The FEIS concluded that the Original Certificated Project would not significantly impact state-listed bats, fish, salamanders, freshwater mussels, crayfish, and plants that may be present within the Project area. This conclusion remains valid for the Amendment Project; however, Mountain Valley continues to consult with the Virginia and North Carolina resource agencies regarding avoidance and minimization measures for state-listed species.

Mountain Valley Pipeline, LLC
MVP Southgate Amendment Project
Docket No. CP25-60-000

Responses to FERC Office of Energy Projects Environmental Information Request 2
Dated June 25, 2025

Respondent: Cory Chalmers
Position: Permitting Specialist
Phone Number: 304-627-8173
Date: July 15, 2025

Mountain Valley Pipeline, LLC
MVP Southgate Amendment Project
Docket No. CP25-60-000

Responses to FERC Office of Energy Projects Environmental Information Request 2
Dated June 25, 2025

Request:

Resource Report 3–Fish, Wildlife, and Vegetation

12. Clarify the statement in section 3.3.4 that two minor route deviations were incorporated into the Amendment Project route as recommended by the North Carolina Wildlife Resources Commission (NCWRC) with a reference to Resource Report 10, given that the NCWRC is not mentioned in RR 10.

Response:

The statement in Section 3.3.4 incorrectly references two minor deviations and cites Resource Report 10; however, only one minor deviation was incorporated, and this deviation was already part of the Original Certificated Project route.

In 2018, the NCWRC recommended using HDD or a conventional bore to cross Cascade Creek, citing the high quality of its aquatic community. In response, Mountain Valley proposed a conventional bore to avoid impacts to the creek's bed, bank, and the associated aquatic community, and this adjustment was incorporated into the Original Certificated Project.

Respondent: James Sabol
Position: Project Manager
Phone Number: 412-510-5831
Date: July 15, 2025

Mountain Valley Pipeline, LLC
MVP Southgate Amendment Project
Docket No. CP25-60-000

Responses to FERC Office of Energy Projects Environmental Information Request 2
Dated June 25, 2025

Request:

Resource Report 3–Fish, Wildlife, and Vegetation

13. Section 3.5.1.4 references time of year restrictions for tree felling in North Carolina, but does not mention Virginia. Clarify the time of year restrictions that would apply in Virginia.

Response:

The BA that is scheduled to be filed with FERC by the end of July 2025 will identify time of year restrictions ("TOYRs") for tree felling in Virginia to avoid impacts to northern long-eared bats, as northern long-eared bats are only known to occur within the Amendment Project limits of disturbance in Virginia. Northern long-eared bats are not known to occur within the Amendment Project limits of disturbance in North Carolina.

Respondent: Cory Chalmers
Position: Permitting Specialist
Phone Number: 304-627-8173
Date: July 15, 2025

Mountain Valley Pipeline, LLC
MVP Southgate Amendment Project
Docket No. CP25-60-000

Responses to FERC Office of Energy Projects Environmental Information Request 2
Dated June 25, 2025

Request:

Resource Report 3–Fish, Wildlife, and Vegetation

14. Provide the status of agency consultations and impact analyses for the bigeye jumprock and notched rainbow in similar detail as that provided for other species discussed in section 3.5.2.2.

Response:

Based on correspondence with NCNHP (dated June 26, 2024) for the Amendment Project, both bigeye jumprock and notched rainbow occurrences have been documented within the Amendment Project. In a letter dated February 14, 2025, NCWRC stated that "Aquatic species surveys are not necessary because recent surveys have documented state and federally listed species, specifically in the Dan River and Cascade Creek."

As discussed in 3.5.2.2, Mountain Valley is currently proposing to use HDD and conventional bore to cross the Dan River and Cascade Creek, respectively, to avoid direct instream impacts to aquatic species that may occur there.

Respondent: Cory Chalmers
Position: Permitting Specialist
Phone Number: 304-627-8173
Date: July 15, 2025

Mountain Valley Pipeline, LLC
MVP Southgate Amendment Project
Docket No. CP25-60-000

Responses to FERC Office of Energy Projects Environmental Information Request 2
Dated June 25, 2025

Request:

Resource Report 3–Fish, Wildlife, and Vegetation

15. Add columns to table 3.4-3 indicating whether the community features would be crossed by the new Amendment Project footprint, and if so, provide crossing length and acres affected for both construction and operation. In addition, clarify if any new community features have been identified within Certificated areas since the FEIS.

Response:

Table 3.4-3 will be revised to include community features, and denote the community features crossed by the new Amendment Project footprint and community features within the Original Certificated Project areas since the FEIS.

The revised Table 3.4-3 will be provided with the remainder of this Environmental Information Request response that Mountain Valley expects to submit on or before August 1, 2025.

Respondent: Cory Chalmers
Position: Permitting Specialist
Phone Number: 304-627-8173
Date: July 15, 2025

Mountain Valley Pipeline, LLC
MVP Southgate Amendment Project
Docket No. CP25-60-000

Responses to FERC Office of Energy Projects Environmental Information Request 2
Dated June 25, 2025

Request:

Resource Report 3–Fish, Wildlife, and Vegetation

16. As the information previously provided was to be determined in consultation with federal and state agencies, provide an updated discussion of impacts and avoidance, minimization, and mitigation measures for each federally and state listed species.

Response:

As discussed in Section 3.5.2.2 of Resource Report 3, Mountain Valley is currently proposing to use HDD and conventional bore to cross the Dan River and Cascade Creek, respectively, to avoid direct instream impacts to aquatic state and federally protected species that may occur there.

Discussion of impacts, avoidance, and minimization measures for federally listed bats and aquatic species is included in the BA that is scheduled to be filed with FERC by the end of July 2025.

The BA does not include analysis of state-listed species; however, avoidance and minimization measures that will be implemented in the BA will also avoid and minimize impacts to state-listed species.

Respondent: Cory Chalmers
Position: Permitting Specialist
Phone Number: 304-627-8173
Date: July 15, 2025

Mountain Valley Pipeline, LLC
MVP Southgate Amendment Project
Docket No. CP25-60-000

Responses to FERC Office of Energy Projects Environmental Information Request 2
Dated June 25, 2025

Request:

Resource Report 4–Cultural Resources

1. Clarify if section 4.5.1.1 is discussing the entire pipeline route or only the Amendment Project changes.

Response:

Section 4.5.1.1 discusses the entire Amendment Project pipeline route. Updated tables reflecting only the Amendment Project changes will be provided with the remainder of this Environmental Information Request response that Mountain Valley expects to submit on or before August 1, 2025.

Respondent: John Tessier
Position: Environmental Manager
Phone Number: 561-694-4131
Date: July 15, 2025

Mountain Valley Pipeline, LLC
MVP Southgate Amendment Project
Docket No. CP25-60-000

Responses to FERC Office of Energy Projects Environmental Information Request 2
Dated June 25, 2025

Request:

Resource Report 4–Cultural Resources

2. Reconcile the apparent discrepancy in the number of eligible or potentially eligible sites associated with aboveground resources between sections 4.5.3.1 and 4.5.3.2 (12 sites in Virginia and 3 sites in North Carolina, for a total of 15) and section 4.5.5 (nine sites plus four sites is 13 sites total).

Response:

The numbers provided in Sections 4.5.3.1 and 4.5.3.2 of Resource Report 4 are correct and are further clarified below.

Mountain Valley identified 115 aboveground resources within the survey areas in Virginia, 12 of which are eligible or potentially eligible. Six of the 115 aboveground resources identified in Virginia are currently listed on, eligible for, treated as eligible for, or will be recommended eligible for the National Register of Historic Places ("NRHP"), and six of the resources are considered or treated as potentially eligible for the NRHP. The remaining 103 aboveground resources have either been determined or are recommended not eligible for the NRHP.

Mountain Valley has identified 37 aboveground resources within the survey areas in North Carolina. One of the 37 aboveground resources identified in North Carolina is currently listed in the NRHP. Two aboveground resources are unassessed (i.e., considered potentially eligible until evaluated) for the NRHP. The remaining 34 aboveground resources have either been determined or are recommended not eligible for the NRHP.

Respondent: John Tessier
Position: Environmental Manager
Phone Number: 561-694-4131
Date: July 15, 2025

Mountain Valley Pipeline, LLC
MVP Southgate Amendment Project
Docket No. CP25-60-000

Responses to FERC Office of Energy Projects Environmental Information Request 2
Dated June 25, 2025

Request:

Resource Report 4–Cultural Resources

3. Provide any previously unpublished information regarding any additional State Historic Preservation Office (SHPO) consultations regarding the Berry Hill Arts District. Provide any additional background research/nomination forms that have been completed for the Berry Hill Arts District.

Response:

No further unpublished information, background research, or nomination forms for the Berry Hill Arts (Archaeological District) are available. The district was identified by the Virginia Department of Historic Resources ("VDHR") staff through desktop evaluation.

Respondent: John Tessier
Position: Environmental Manager
Phone Number: 561-694-4131
Date: July 15, 2025

Mountain Valley Pipeline, LLC
MVP Southgate Amendment Project
Docket No. CP25-60-000

Responses to FERC Office of Energy Projects Environmental Information Request 2
Dated June 25, 2025

Request:

Resource Report 4–Cultural Resources

Appendix 4-A – Phase I Archaeological Survey Report for Virginia: Addendum 3

4. Section 1 states "The additional work reported in this addendum involves archaeological field surveys of the Amendment Project APE within land parcels that were inaccessible for survey at the time of the earlier surveys, as well as surveys of proposed route modifications and workspace changes located outside of the Original Certificated Project study corridor reported by Blood et al. (2019), Johnson (2019), and Millis and Johnson (2020)." Clarify which surveys occur within the portions of the Amendment Project which have been revised/changed from the Certificated Project.

Response:

All of the survey areas reported in *Appendix 4-A* were completed in portions of the Amendment Project area that had been revised/changed from the Original Certificated Project (i.e., there was no overlap of previously surveyed areas). The specific survey areas are identified and defined within *Appendix 4-A*.

Respondent: John Tessier
Position: Environmental Manager
Phone Number: 561-694-4131
Date: July 15, 2025

Mountain Valley Pipeline, LLC
MVP Southgate Amendment Project
Docket No. CP25-60-000

Responses to FERC Office of Energy Projects Environmental Information Request 2
Dated June 25, 2025

Request:

Resource Report 4–Cultural Resources

Appendix 4-B – Resource Protection Plans for Sites 44PY0449, 44PY0452, and 44PY0479 in Virginia

5. The "Description" section states "Site 44PY0449 was originally avoided through an alignment reroute that shifted the proposed pipeline alignment to the east. A resurvey of the east-shifted alignment identified 44PY0479, a potentially NRHP-eligible site, also located along the south bank of the Sandy River. Technical difficulties with the HDD along the east-shifted alignment location forced a shift back to the Original Certificate Project alignment in the vicinity of site 44PY0449. Since 44PY0449 has been determined eligible (Millis et al. 2019), and because the site boundary extended beyond the Amendment Project workspaces and was not evaluated for eligibility outside of the workspace, protection measures for 44PY0449 will be implemented during construction." RR 10 states "Due to the change in crossing method, a minor realignment was made to better accommodate the HDD and avoid additional sensitive environmental resources." Resolve the apparent discrepancy.

Response:

There is no discrepancy between the statements in *Appendix 4-B* and Resource Report 10; rather, each describes a different stage of the same alignment history.

As described in Resource Report 10, a minor realignment of the HDD within the Original Certificated Project corridor was made to improve constructability and avoid sensitive environmental resources. This adjustment also increased the distance between the pipeline and the western boundary of Site 44PY0449.

The pipeline had previously been shifted east to avoid 44PY0449, but this resulted in the identification of another potentially eligible site, 44PY0479. Due to technical challenges with the HDD at that location, the route was shifted back to the Original Certificated alignment, with refinements to the HDD design near 44PY0449.

To ensure protection of Site 44PY0449, an NRHP-eligible site whose boundary extends beyond the evaluated workspace, Mountain Valley developed a resource protection plan for Site 44PY0449, included as *Appendix 4-B* in the February 3, 2025 Amendment Project Application, which outlines the measures to avoid impacts during construction. In a letter dated March 23, 2025, the VDHR concurred that the protection measures proposed during construction were adequate to protect the archaeological deposits at 44PY0449 and that the proposed procedures to address HDD failure were appropriate.

Mountain Valley Pipeline, LLC
MVP Southgate Amendment Project
Docket No. CP25-60-000

Responses to FERC Office of Energy Projects Environmental Information Request 2
Dated June 25, 2025

Respondent: John Tessier
Position: Environmental Manager
Phone Number: 561-694-4131
Date: July 15, 2025

Mountain Valley Pipeline, LLC
MVP Southgate Amendment Project
Docket No. CP25-60-000

Responses to FERC Office of Energy Projects Environmental Information Request 2
Dated June 25, 2025

Request:

Resource Report 4–Cultural Resources

Appendix 4-B – Resource Protection Plans for Sites 44PY0449, 44PY0452, and 44PY0479 in Virginia

6. The FEIS stated that Mountain Valley would "conduct limited hand clearing at [two wetlands that would be crossed via HDD] to create a 3-foot-wide footpath for personnel to lay an HDD guide wire between the entry and exit points." Clarify if guide wires would be necessary at the Sandy River and Dan River crossings. Clarify how site 44PY0449 would be protected if guide wires are proposed.

Response:

Guide wires will be necessary at both the Sandy River and Dan River crossings. Per *Appendix 4-B*—the protection plan for Site 44PY0449—there will be no surface ground disturbance associated with the guidewires, HDD, or pipeline construction at Site 44PY0449.

Respondent: John Tessier
Position: Environmental Manager
Phone Number: 561-694-4131
Date: July 15, 2025

Mountain Valley Pipeline, LLC
MVP Southgate Amendment Project
Docket No. CP25-60-000

Responses to FERC Office of Energy Projects Environmental Information Request 2
Dated June 25, 2025

Request:

Resource Report 4–Cultural Resources

Appendix 4-B – Resource Protection Plans for Sites 44PY0449, 44PY0452, and 44PY0479 in Virginia

7. Resource protection plans for sites 44PY0449 and 44PY0452 call for protective safety fencing and the site "will be noted on Construction Alignment sheets as a "sensitive resource area" to provide adequate information while avoiding indication of the nature of the resource." However, these items were not noted in the alignment sheets filed on May 9, 2025. Resolve the apparent discrepancies.

Response:

The extent of the protective safety fencing and areas for sites 44PY0449 and 44PY0452 have each been added as a "sensitive resource area" on the updated alignment sheets that are presented in the *Updated Appendix 1-A* in Attachment 1-2 of this Environmental Information Request response.

Respondent: John Tessier
Position: Environmental Manager
Phone Number: 561-694-4131
Date: July 15, 2025

Mountain Valley Pipeline, LLC
MVP Southgate Amendment Project
Docket No. CP25-60-000

Responses to FERC Office of Energy Projects Environmental Information Request 2
Dated June 25, 2025

Request:

Resource Report 4–Cultural Resources

Appendix 4-C – Phase I Archaeological Survey Report for North Carolina: Addendum 6

8. Section 3 states "According to NC HPO/OSA records, there are 69 previously recorded archaeological resources within two miles of the Amendment Project APE (table 3.1)." Clarify if these records are for the entire Amendment Project APE or the APE for the portions of the Amendment Project that have been changed/revised from the Certificated Project.

Response:

The previously recorded resources identified in Table 3.1 of *Appendix 4-C* are for the entire portion of the Amendment Project Area of Potential Effect ("APE") located within North Carolina, not just for the portions of the Amendment Project that have been changed from the Original Certificated Project.

Respondent: John Tessier
Position: Environmental Manager
Phone Number: 561-694-4131
Date: July 15, 2025

Mountain Valley Pipeline, LLC
MVP Southgate Amendment Project
Docket No. CP25-60-000

Responses to FERC Office of Energy Projects Environmental Information Request 2
Dated June 25, 2025

Request:

Resource Report 4–Cultural Resources

Appendix 4-D – Resource Protection Plans for Sites 31RK44 and 31RK299 in North Carolina

9. Resource protection plans for sites 31RK44 and 31RK299 call for protective safety fencing and the site location "will be noted on Construction Alignment sheets as a "sensitive resource area" to provide adequate information while avoiding indication of the nature of the resource." However, these items were not noted in the alignment sheets filed on May 9, 2025. Resolve the apparent discrepancies.

Response:

The extent of the protective safety fencing and areas for sites 31RK44 and 31RK299 have each been added as a "sensitive resource area" on the updated alignment sheets that are presented in the *Updated Appendix 1-A* in Attachment 1-2 of this Environmental Information Request response.

Respondent: John Tessier
Position: Environmental Manager
Phone Number: 561-694-4131
Date: July 15, 2025

Mountain Valley Pipeline, LLC
MVP Southgate Amendment Project
Docket No. CP25-60-000

Responses to FERC Office of Energy Projects Environmental Information Request 2
Dated June 25, 2025

Request:

Resource Report 4–Cultural Resources

Appendix 4-F – Resource Protection Plans for Sites 071-0036 and 071-5622 in North Carolina

10. The "Description" section of the "Updated Protection Plan for Resource 071-0036 (Little Cherrystone), Pittsylvania County, Virginia" states a cemetery (archaeological site 44PY0274) was "recorded and investigated during survey and testing for the Potomac Expansion Pipeline Project (Moore et al. 2006; Moore et al. 2007:77–81) and was re-located during Original Certificated Project archaeological surveys (Johnson 2019; Karpynec 2019:37–38). This section later states "the Amendment Project will pass approximately 19 m (60 ft) to the west of archaeological site 44PY0274." A citation for Johnson 2019 was not included in the "References" section. Provide this citation. In addition, clarify if the distance between the Amendment Project and site 44PY0274 is for the new re-located project facilities proposed for the Amendment Project.

Response:

The citation for Johnson 2019 that was inadvertently left out of the References section in *Appendix 4-F* is presented below.

> Johnson, Jeff 2019 Addendum 1: Phase I Archaeological Survey for the MVP Southgate Pipeline Project, Pittsylvania County, Virginia. TRC Environmental Corporation, Chapel Hill.

The distance refers to the space between the boundary of Site 44PY0274 and the edge of the Amendment Project's Physical APE (i.e., limits of disturbance). This segment of the Amendment Project Physical APE remains unchanged from that of the Original Certificated Project.

Respondent: John Tessier
Position: Environmental Manager
Phone Number: 561-694-4131
Date: July 15, 2025

Mountain Valley Pipeline, LLC
MVP Southgate Amendment Project
Docket No. CP25-60-000

Responses to FERC Office of Energy Projects Environmental Information Request 2
Dated June 25, 2025

Request:

Resource Report 4–Cultural Resources

Appendix 4-F – Resource Protection Plans for Sites 071-0036 and 071-5622 in North Carolina

11. The resource protection plan for site 071-0036 calls for protective safety fencing and area "will be noted on Construction Alignment sheets as a "sensitive resource area" to provide adequate information while avoiding indication of the nature of the resource." However, these items were not noted in the alignment sheets filed on May 9, 2025. Resolve the apparent discrepancies.

Response:

The extent of the protective safety fencing and area for site 071-0036 has been added as a "sensitive resource area" on the updated alignment sheets that are presented in the *Updated Appendix 1-A* in Attachment 1-2 of this Environmental Information Request response.

Respondent: John Tessier
Position: Environmental Manager
Phone Number: 561-694-4131
Date: July 15, 2025

Mountain Valley Pipeline, LLC
MVP Southgate Amendment Project
Docket No. CP25-60-000

Responses to FERC Office of Energy Projects Environmental Information Request 2
Dated June 25, 2025

Request:

Resource Report 4–Cultural Resources

Appendix 4-G – Phase I Aboveground Resources Survey Report for North Carolina: Addendum 3

12. Table i.1 lists the address for site RK1862 as 1210 Chumney Loop while page 3-15 lists the address as 1221 Chumney Loop. Resolve the apparent discrepancy.

Response:

The correct address for RK1862 is 1221 Chumney Loop.

Respondent: John Tessier
Position: Environmental Manager
Phone Number: 561-694-4131
Date: July 15, 2025

Mountain Valley Pipeline, LLC
MVP Southgate Amendment Project
Docket No. CP25-60-000

Responses to FERC Office of Energy Projects Environmental Information Request 2
Dated June 25, 2025

Request:

Resource Report 4–Cultural Resources

Appendix 4-G – Phase I Aboveground Resources Survey Report for North Carolina: Addendum 3

13. Appendix 1: Survey Forms were not included. Provide the missing survey forms.

Response:

North Carolina State Historic Preservation Office historic property survey summary forms for RK1862, RK1863, RK1864, RK1865, RK1866, RK1867, RK1868, and RK1869 are included in Attachment 4-1 of this Environmental Information Request response.

Respondent: John Tessier
Position: Environmental Manager
Phone Number: 561-694-4131
Date: July 15, 2025

Mountain Valley Pipeline, LLC
MVP Southgate Amendment Project
Docket No. CP25-60-000

Responses to FERC Office of Energy Projects Environmental Information Request 2
Dated June 25, 2025

Request:

Resource Report 5–Socioeconomics

1. For proposed new contractor yards (CY-36 and CY-37) provide impacts on local traffic due to Mountain Valley's use of these two yards (include total number of average daily round trips generated by construction activities, the estimated level of service, and specific traffic management measures that Mountain Valley would use to minimize traffic impacts on local roadways). Provide impacts and proposed avoidance, minimization, and minimization measures for the Southside Elementary School (located 0.1 mile southwest of proposed contractor yard CY-37).

Response:

- **CY-036**: Proposed for materials storage and relay. Based on a high-level analysis, use of CY-036 is expected to generate an average of 108 daily round trips involving light-duty and heavy-duty vehicles, including parts deliveries, construction crew load-ins, tractor-trailers, and environmental inspection teams.
- **CY-037**: Proposed for materials storage and fabrication. Based on a high-level analysis, use of CY-037 is expected to generate an average of 96 daily round trips, including trips by weld rigs, laborers, foremen, inspection staff, and tractor-trailers.

Mountain Valley will implement a range of traffic minimization measures consistent with the updated Traffic and Transportation Management Plan filed in *Appendix 1-G* of Resource Report 1 as part of the Amendment Project Application filed on February 3, 2025 (Accession Number 20250203-5192). These measures include use of designated haul routes along primary highways, such as Route 29, to reduce traffic on local and residential roads; coordination with local and state transportation agencies for required permits and compliance; application of dust suppression methods, speed controls, and appropriate signage; and adherence to posted school bus curfew windows to avoid conflicts with school transportation.

With regard to Southside Elementary School, which is located approximately 0.1 mile southwest of CY-037, Mountain Valley has identified specific avoidance and minimization measures to reduce potential traffic impacts. All heavy-haul traffic associated with CY-037 will access the site via Route 29 and only use the portion of E. Witt Road that directly borders the southern extent of the yard. Traffic will enter the yard by making a right turn from E. Witt Road before reaching the vicinity of the school or the adjacent soccer field. As a result, construction-related vehicles will only be in the designated school zone on E. Witt Road for approximately 100 feet. Additionally, all exiting traffic from the specific yard access point will be required to make a left-hand turn onto E. Witt Road to return to Route 29. All other access points associated with

CY-037 will require right-hand, southbound turns directly onto Route 29. Mountain Valley does not anticipate any construction traffic traveling in front of the school property.

These measures, along with coordination with school districts, are intended to minimize traffic impacts in the surrounding area and promote safe operations near sensitive community facilities such as schools.

Respondent: James Sabol
Position: Project Manager
Phone Number: 412-510-5831
Date: July 15, 2025

Mountain Valley Pipeline, LLC
MVP Southgate Amendment Project
Docket No. CP25-60-000

Responses to FERC Office of Energy Projects Environmental Information Request 2
Dated June 25, 2025

Request:

Resource Report 6–Geology

1. Section 6.5.8 states "Acid-producing rock and soils could be encountered along the pipeline in areas of active or previous mining activities where sulfide minerals are exposed to runoff." Provide a table of locations along the Amendment Project which could contain acid-producing rocks and/or soils. In addition, describe potential environmental impacts resulting from acid-producing rock and soils and list any planned impact avoidance, minimization, and mitigation measures.

Response:

Although acid-producing rock and soils could be encountered along the pipeline in areas of active or previous mining activities where sulfide minerals are exposed to runoff, Section 6.4 of Resource Report 6 states that a review completed for the Amendment Project identified zero active, inactive, abandoned, and proposed surface or subsurface extraction and deposits of fuel resources (coal, oil, and natural gas) within 0.25 mile of the Amendment Project workspaces.

Additionally, as stated in Appendix I.3 of the FEIS in response to a comment from the Virginia DEQ, Mountain Valley has not developed an Acid Forming Materials Mitigation Plan due to the low likelihood of encountering problematic concentrations of acid-producing sulfides. The low likelihood of encountering problematic concentrations of acid-producing sulfides remains consistent for the Amendment Project as compared to the Original Certificated Project evaluated in the FEIS. However, Mountain Valley is developing an Acid Forming Materials Contingency Plan that will be filed on or before August 1, 2025.

Respondent: James Sabol
Position: Project Manager
Phone Number: 412-510-5831
Date: July 15, 2025

Mountain Valley Pipeline, LLC
MVP Southgate Amendment Project
Docket No. CP25-60-000

Responses to FERC Office of Energy Projects Environmental Information Request 2
Dated June 25, 2025

Request:

Resource Report 7–Soils

1. Appendix 7-A (table 7.2-2) does not include access road TA-PI-041. Provide a revised table which includes only new Amendment Project workspace/footprint (pipeline, access roads, ATWSs, and contractor yards) outside of the Certificated Project footprint.

Response:

A revised *Appendix 7-A* (Table 7.2-2), which includes only new Amendment Project workspace/footprint (pipeline, access roads, ATWSs, and contractor yards) outside of the Original Certificated Project footprint, will be provided with the remainder of this Environmental Information Request response that Mountain Valley expects to submit on or before August 1, 2025.

Respondent: James Sabol
Position: Project Manager
Phone Number: 412-510-5831
Date: July 15, 2025

Mountain Valley Pipeline, LLC
MVP Southgate Amendment Project
Docket No. CP25-60-000

Responses to FERC Office of Energy Projects Environmental Information Request 2
Dated June 25, 2025

Request:

Resource Report 7–Soils

2. Section 7.4.1 states "The project-specific E&SC plans for the Original Certificated Project will be modified for the Amendment Project." Clarify the proposed modifications.

Response:

Mountain Valley will continue to coordinate with the Virginia and North Carolina DEQ during the preparation of the Amendment Project's E&SC plans. Changes to these plans and BMPs will be made to reflect the Amendment Project route, rather than the Original Certificated Project route.

Respondent: Cory Chalmers
Position: Permitting Specialist
Phone Number: 304-627-8173
Date: July 15, 2025

Mountain Valley Pipeline, LLC
MVP Southgate Amendment Project
Docket No. CP25-60-000

Responses to FERC Office of Energy Projects Environmental Information Request 2
Dated June 25, 2025

Request:

Resource Report 7–Soils

3. Section 7.4.5 states "where no site-specific requirements are identified, proposed restoration methods have not changed from the FEIS." Identify all site-specific requirements that have been modified since the FEIS or that were not identified in the FEIS.

Response:

No site-specific restoration methods or requirements have been modified since the FEIS or were not identified in the FEIS.

Respondent: Cory Chalmers
Position: Permitting Specialist
Phone Number: 304-627-8173
Date: July 15, 2025

Mountain Valley Pipeline, LLC
MVP Southgate Amendment Project
Docket No. CP25-60-000

Responses to FERC Office of Energy Projects Environmental Information Request 2
Dated June 25, 2025

Request:

Resource Report 7–Soils

4. Provide a list of soil impacts, not previously discussed in the FEIS, due to new/updated desktop surveys.

Response:

The general types of potential soil impacts are the same as those described in the FEIS. Table 7-2.1 in Resource Report 7 was developed using the most recent U.S. Department of Agriculture ("USDA") Natural Resources Conservation Service ("NRCS") soil surveys for Pittsylvania County, Virginia and Rockingham County, North Carolina.

A revised Table 7-2.1 using the latest soil survey data from the USDA NRCS that indicates soil impacts for the new Amendment Project footprint will be provided with the remainder of this Environmental Information Request response that Mountain Valley expects to submit on or before August 1, 2025.

Respondent: Cory Chalmers
Position: Permitting Specialist
Phone Number: 304-627-8173
Date: July 15, 2025

Mountain Valley Pipeline, LLC
MVP Southgate Amendment Project
Docket No. CP25-60-000

Responses to FERC Office of Energy Projects Environmental Information Request 2
Dated June 25, 2025

Request:

Resource Report 7–Soils

5. Section 7.4.6 states "Mountain Valley has contacted the USDA [U.S. Department of Agriculture] NRCS [Natural Resources Conservation Service] Virginia and North Carolina state offices regarding the conversion of prime farmlands (See Resource Report 1, appendix 1-K), and consultation is ongoing." Provide an update on consultations.

Response:

Mountain Valley has recently re-contacted the USDA NRCS Reidsville (North Carolina) and Chatham (Virginia) service centers regarding the conversion of prime farmlands. Updated agency correspondence is included as *Updated Appendix 1-I* in Attachment 1-5 of this Environmental Information Request response.

As of this Environmental Information Request response, Mountain Valley is still awaiting responses from both service centers on whether the USDA NRCS would like to consult on the Amendment Project and the appropriate USDA NRCS contact for consultation. Mountain Valley will file documentation of consultation with the NRCS when completed.

Respondent: Cory Chalmers
Position: Permitting Specialist
Phone Number: 304-627-8173
Date: July 15, 2025

Mountain Valley Pipeline, LLC
MVP Southgate Amendment Project
Docket No. CP25-60-000

Responses to FERC Office of Energy Projects Environmental Information Request 2
Dated June 25, 2025

Request:

Resource Report 8–Land Use, Recreation and Aesthetics

1. Section 8.2.1.2 states "Mountain Valley is coordinating with utility companies collocated with the pipeline to determine the feasibility of construction overlaps." Clarify when this coordination is expected to be completed and if Mountain Valley expects route changes and/or relocation of pipeline centerline and/or workspaces to change from those currently depicted on the alignment sheets filed on May 9, 2025 and within appendix 1-E1.

Response:

Mountain Valley continues to discuss with Transco regarding areas where the proposed Amendment Project and the Transco SSEP are collocated.

As part of this Environmental Information Request response, Mountain Valley is proposing minor updates to the pipeline alignment and limits of disturbance to reflect refinements made as a result of discussion with Transco. These modifications are limited to small areas where the two projects are in close proximity and are intended to accommodate Transco's preference to locate its proposed Eden Loop with existing infrastructure. Please refer to the updated alignment sheets in the *Updated Appendix 1-A* in Attachment 1-2 of this Environmental Information Request response for a detailed mapping of these changes.

At this time, Mountain Valley does not anticipate any further adjustments to the route, pipeline centerline, or associated workspaces beyond those included in this submittal. If any additional changes become necessary as a result of ongoing coordination or permitting, Mountain Valley will promptly submit updated alignment sheets and supporting documentation to the Commission. Mountain Valley and Transco are finalizing details regarding construction procedures, workspaces, and timing, and at this time, Mountain Valley expects that this effort will be substantially complete by the end of Q3 2025.

Respondent: James Sabol
Position: Project Manager
Phone Number: 412-510-5831
Date: July 15, 2025

Mountain Valley Pipeline, LLC
MVP Southgate Amendment Project
Docket No. CP25-60-000

Responses to FERC Office of Energy Projects Environmental Information Request 2
Dated June 25, 2025

Request:

Resource Report 8–Land Use, Recreation and Aesthetics

2. Revise table 8.2-1 as directed in question 1 including only HDD impacts in the appropriate land use categories (e.g., vegetation impacts for guide wires are included but impacts to other land uses are not).

Response:

A revised Table 8.2-1 that includes only HDD impacts in the appropriate land use categories will be provided with the remainder of this Environmental Information Request response that Mountain Valley expects to submit on or before August 1, 2025.

Respondent: James Sabol
Position: Project Manager
Phone Number: 412-510-5831
Date: July 15, 2025

Mountain Valley Pipeline, LLC
MVP Southgate Amendment Project
Docket No. CP25-60-000

Responses to FERC Office of Energy Projects Environmental Information Request 2
Dated June 25, 2025

Request:

Resource Report 8–Land Use, Recreation, and Aesthetics

3. Provide distances to residences (within 50 feet), public spaces, and recreational areas for the new Amendment Project footprint.

Response:

An updated *Appendix 8-E* (Structures within 50 feet of the Amendment Project) providing distances to residences within 50 feet of the new Amendment Project footprint, and an updated Table 8.4-1 (Federal and State Recreational and Special Interest Areas Crossed by or Located within 0.25 mile of the Amendment Project) will be provided with the remainder of this Environmental Information Request response that Mountain Valley expects to submit on or before August 1, 2025.

Respondent: James Sabol
Position: Project Manager
Phone Number: 412-510-5831
Date: July 15, 2025

Mountain Valley Pipeline, LLC
MVP Southgate Amendment Project
Docket No. CP25-60-000

Responses to FERC Office of Energy Projects Environmental Information Request 2
Dated June 25, 2025

Request:

Resource Report 8–Land Use, Recreation and Aesthetics

4. Provide a discussion of visual impacts and proposed mitigation measures for landowners within the new Amendment Project footprint.

Response:

Visual impacts and proposed mitigation measures for landowners within the Amendment Project footprint remain unchanged from those described in the FEIS. Only one new landowner—associated with CY-037, an existing contractor yard—has been identified since the Original Certificated Project. Mountain Valley is currently in discussions with the landowner to utilize their property for a project contractor yard.

Respondent: Cory Chalmers
Position: Permitting Specialist
Phone Number: 304-627-8173
Date: July 15, 2025

Mountain Valley Pipeline, LLC
MVP Southgate Amendment Project
Docket No. CP25-60-000

Responses to FERC Office of Energy Projects Environmental Information Request 2
Dated June 25, 2025

Request:

Resource Report 8–Land Use, Recreation, and Aesthetics

5. Provide any special land uses and/or recreational areas that have been designated since the FEIS and would be crossed by or within 0.25 miles of the Certificated Project workspaces.

Response:

Two special land use or recreational areas have been designated since the FEIS. The first is the MVP Southgate Net VA-SB01CA Conservation Site (located between MPs 1.9-2.1), a VDCR conservation site associated with tricolored bat; this site is discussed further in Table 3.3-1 of Resource Report 3.

The second is the Dan River Blueway (located between MPs 28.3-28.9), a state-designated recreational area listed in Table 8.4-1. This recreational area is located approximately 1,511 feet southeast of the Amendment Project, placing it just beyond the 0.25-mile threshold.

Respondent: Cory Chalmers
Position: Permitting Specialist
Phone Number: 304-627-8173
Date: July 15, 2025

Mountain Valley Pipeline, LLC
MVP Southgate Amendment Project
Docket No. CP25-60-000

Responses to FERC Office of Energy Projects Environmental Information Request 2
Dated June 25, 2025

Request:

Resource Report 8–Land Use, Recreation, and Aesthetics

6. Provide a list of new residences (since the FEIS) within 50 feet of the Certificated Project workspaces.

Response:

Mountain Valley reviewed the most recent available aerial imagery (current through February 2025) and identified no new residences within 50 feet of the Original Certificated Project workspaces since the FEIS. Accordingly, no new residences are within 50 feet of the Amendment Project workspaces.

Respondent: James Sabol
Position: Project Manager
Phone Number: 412-510-5831
Date: July 15, 2025

Mountain Valley Pipeline, LLC
MVP Southgate Amendment Project
Docket No. CP25-60-000

Responses to FERC Office of Energy Projects Environmental Information Request 2
Dated June 25, 2025

Request:

Resource Report 8–Land Use, Recreation, and Aesthetics

7. Revise table 8.2-3 (Silviculture Areas Crossed by the Amendment Project) to indicate which tracts are within the Certificated Project footprint, which tracts were added due to new Amendment Project footprint, and which tracts were added due to updated survey information. The FEIS states that "once construction is complete, areas not affected by permanent right-of-way would be allowed to be replanted... However, Mountain Valley would compensate landowners for any temporary and permanently lost timber. Normal logging operations would be permitted to continue during operation of the Project." Confirm that these statements are still accurate.

Response:

Table 8.2-3 will be revised to indicate which tracts are within the Original Certificated Project footprint, which tracts were added due to the new Amendment Project footprint, and which tracts were added due to updated survey information. The revised Table 8.2-3 will be provided along with the remainder of this Environmental Information Request response that Mountain Valley expects to submit on or before August 1, 2025.

As described in the FEIS, once construction is complete, forested uplands within the Amendment Project's permanent right-of-way, including areas of silviculture and tree farms, would be permanently converted to an herbaceous cover type. Mountain Valley will compensate landowners for any temporary and permanently lost timber. Normal logging operations would be permitted to continue during the operation of the Amendment Project.

However, as described in Section 8.2.3.4 of Resource Report 8, during the operation of the pipeline, affected landowners will be asked to contact Mountain Valley prior to any logging activities that include the use of heavy equipment across the permanent right-of-way. Subsequent activities by Mountain Valley may include staking the centerline and implementing measures to protect the pipe from logging equipment during harvesting (e.g., placement of timber mats over the pipeline at logging road crossings).

Respondent: James Sabol
Position: Project Manager
Phone Number: 412-510-5831
Date: July 15, 2025

Mountain Valley Pipeline, LLC
MVP Southgate Amendment Project
Docket No. CP25-60-000

Responses to FERC Office of Energy Projects Environmental Information Request 2
Dated June 25, 2025

Request:

Resource Report 8–Land Use, Recreation, and Aesthetics

8. Regarding section 8.2.3.9, provide a description of potential impacts (e.g., traffic, noise, visual, and dust) and mitigation for the newly identified school (Southside Elementary School) and place of worship (Harmony Church) located within 0.1 mile of the Amendment Project. Explain further how a "vegetation buffer" would limit impacts, particularly during winter leaf-off.

Response:

Harmony Church is located within 0.1 mile of the Amendment Project route and may experience temporary impacts during construction activities in the vicinity. These include:

- **Traffic**: Construction-related traffic may increase temporarily, particularly during work near Oak Hill Road. Mountain Valley will implement traffic management measures such as flaggers and clear signage to ensure safety and minimize disruption during construction across Oak Hill Road.
- **Noise**: Temporary noise impacts are expected during active construction. Work will generally occur during daylight hours, six days per week (excluding Sundays). However, the bore under Oak Hill Road may require continuous 24-hour operation for a duration of approximately 2–3 days.
- **Visual Impacts**: Construction activities may temporarily affect the visual character of the area. However, a dense forested buffer located west of the pipeline centerline provides partial visual screening between the construction zone and the church.
- **Dust and Cleanliness**: Oak Hill Road will be maintained free of construction debris. Water or dust suppressants will be applied as needed to control airborne particulates.
- **Site Restoration**: All construction impacts will be temporary. Upon completion, disturbed areas will be restored to pre-construction conditions. Cleared areas will be reseeded and monitored to ensure successful vegetation reestablishment.

Southside Elementary School is also located within 0.1 mile of CY-037 and may experience similar temporary impacts, including:

- **Traffic**: Increased truck traffic is anticipated due to the use of the contractor yard for material storage, as is further described in *Resource Report 5-Question 1* of this Environmental Information Request response.
- **Noise, Dust, and Visual Effects**: These impacts are expected to be temporary and limited to daylight hours. Mountain Valley will implement dust control measures and maintain a clean work environment.
- **Safety Measures**: To enhance safety, signage will be installed to indicate reduced speeds through the school zone during active use of the contractor yard. Other safety measures

will be utilized as described in Mountain Valley's response to *Resource Report 5-Question 1*.

Respondent: James Sabol
Position: Project Manager
Phone Number: 412-510-5831
Date: July 15, 2025

Mountain Valley Pipeline, LLC
MVP Southgate Amendment Project
Docket No. CP25-60-000

Responses to FERC Office of Energy Projects Environmental Information Request 2
Dated June 25, 2025

Request:

Resource Report 8–Land Use, Recreation, and Aesthetics

9. Further elaborate on the proposed actions for occupied structures listed in table 8-E beyond the word "Protect."

Response:

Mountain Valley prepared site-specific residential construction plans for residences located within 25 feet of the proposed workspace, which were included in *Appendix 8-D* of Resource Report 8 in the February 3, 2025 Amendment Project Application. As indicated on these drawings, Mountain Valley will protect occupied structures listed in Table 8-E with barricade fencing. An updated Table 8-E with the remainder of this Environmental Information Request response that Mountain Valley expects to submit on or before August 1, 2025.

Respondent: James Sabol
Position: Project Manager
Phone Number: 412-510-5831
Date: July 15, 2025

Mountain Valley Pipeline, LLC
MVP Southgate Amendment Project
Docket No. CP25-60-000

Responses to FERC Office of Energy Projects Environmental Information Request 2
Dated June 25, 2025

Request:

Resource Report 8–Land Use, Recreation, and Aesthetics

10. Section 8.5.3 states "Maintained groundbeds will be installed subsurface and will blend with the existing landscape in the Amendment Project area." Confirm that while groundbeds would be installed subsurface, these systems would typically include a small, aboveground transformer-rectifier unit as discussed in the FEIS.

Response:

Section 8.5.3 indicates that Mountain Valley will install cathodic protection groundbeds as defined and described in the FEIS and Resource Report 1. As defined and described in the FEIS, these systems would typically include a small, aboveground transformer-rectifier unit and an associated anode groundbed located on the surface or underground.

Respondent: James Sabol
Position: Project Manager
Phone Number: 412-510-5831
Date: July 15, 2025

Mountain Valley Pipeline, LLC
MVP Southgate Amendment Project
Docket No. CP25-60-000

Responses to FERC Office of Energy Projects Environmental Information Request 2
Dated June 25, 2025

Request:

Resource Report 8–Land Use, Recreation, and Aesthetics

Appendix 8-A – Land Use Crossed by Milepost by the Amendment Project Pipeline

11. Revise appendix 8-A to denote land uses affected by construction and operation of the new Amendment Project footprint.

Response:

An updated *Appendix 8-A* will be provided with the remainder of this Environmental Information Request response that Mountain Valley expects to submit on or before August 1, 2025.

Respondent: James Sabol
Position: Project Manager
Phone Number: 412-510-5831
Date: July 15, 2025

Mountain Valley Pipeline, LLC
MVP Southgate Amendment Project
Docket No. CP25-60-000

Responses to FERC Office of Energy Projects Environmental Information Request 2
Dated June 25, 2025

Request:

Resource Report 8–Land Use, Recreation, and Aesthetics

Appendix 8-D – Site-Specific Residential Construction Mitigation Plans

12. Clarify which residential construction plans (appendix 8-D) are new/have changed from the Certificated Project.

Response:

Of those site-specific residential construction plans included in *Appendix 8-D* of the February 3, 2025 Amendment Project Application, all drawings after MP 31.3 from the Original Certificated Project have been removed. Drawing No. RSS-H650-029 was also removed (MP 16.7 in Pittsylvania County) as the Amendment Project workspaces are no longer within 25 feet of the structure in that location.

Two drawings for areas beyond MP 31.3 have been renamed and were included in the February 3, 2025 Amendment Project Application: Drawing No. RSS-H650-046 used to be for Rockingham County (MP 39.6), now it is for Pittsylvania County (MP 8.57), and Drawing No. RSS-H650-047 used to be for Rockingham County (MP 41.4), now it is for CY-36 in Rockingham County.

Respondent: James Sabol
Position: Project Manager
Phone Number: 412-510-5831
Date: July 15, 2025

Mountain Valley Pipeline, LLC
MVP Southgate Amendment Project
Docket No. CP25-60-000

Responses to FERC Office of Energy Projects Environmental Information Request 2
Dated June 25, 2025

Request:

Resource Report 8–Land Use, Recreation, and Aesthetics

Appendix 8-D – Site-Specific Residential Construction Mitigation Plans

13. Drawing No. RSS-H650-016 (MP 10.58): Clarify if this drawing was revised from the FEIS to include a bore crossing. Clarify if a bore was added at this location.

Response:

The site-specific residential construction plan Drawing No. RSS-H650-016 (MP 10.58) previously did not depict the location of bore pits in proximity to the residence; however, a bore has not been added. This location previously included a bore as part of the Original Certificated Project to avoid an existing residential septic system.

Respondent: James Sabol
Position: Project Manager
Phone Number: 412-510-5831
Date: July 15, 2025

Mountain Valley Pipeline, LLC
MVP Southgate Amendment Project
Docket No. CP25-60-000

Responses to FERC Office of Energy Projects Environmental Information Request 2
Dated June 25, 2025

Request:

Resource Report 8–Land Use, Recreation, and Aesthetics

Appendix 8-D – Site-Specific Residential Construction Mitigation Plans

14. Drawing No. RSS-H650-024: The drawing shows a label for a "Barn," but a barn isn't shown on the aerial. Clarify if the barn has been removed.

Response:

The barn noted on the site-specific residential construction plan Drawing No. RSS-H650-024 was visible in the September 23, 2019 drawing from the Original Certificated Project and FEIS but is no longer visible on the aerial imagery. The label was inadvertently carried over to the drawing (dated January 6, 2025) from the February 3, 2025 Amendment Project filing. An updated Drawing No. RSS-H650-024 is included as Attachment 8-1 of this Environmental Information Request response.

Respondent: James Sabol
Position: Project Manager
Phone Number: 412-510-5831
Date: July 15, 2025

Mountain Valley Pipeline, LLC
MVP Southgate Amendment Project
Docket No. CP25-60-000

Responses to FERC Office of Energy Projects Environmental Information Request 2
Dated June 25, 2025

Resource Report 9–Air and Noise Quality

1. Revise table 9.2-4 to include all annual pollutant parameters as depicted in table 4.11-5 of the FEIS. Clarify if the information provided is in tons per year.

Response:

Table 9.2-4 has been updated to include all annual pollutant parameters as depicted in Table 4.11-5 of the FEIS, with emissions values provided in tons per year ("TPY"). The revised Table 9.2-4 will be provided along with the remainder of this Environmental Information Request response that Mountain Valley expects to submit on or before August 1, 2025.

Respondent: James Sabol
Position: Project Manager
Phone Number: 412-510-5831
Date: July 15, 2025

Mountain Valley Pipeline, LLC
MVP Southgate Amendment Project
Docket No. CP25-60-000

Responses to FERC Office of Energy Projects Environmental Information Request 2
Dated June 25, 2025

Resource Report 9–Air and Noise Quality

2. Tables 9.2-5 and 9.2-6 provides estimated construction emissions for construction years 2027 and 2028. However, RR 1 states clearing would begin in the fourth quarter of 2026. Resolve the apparent discrepancy.

Response:

As outlined in the preliminary construction schedule in Table 1.4-3 of Resource Report 1, Mountain Valley anticipates beginning clearing activities in the fourth quarter of 2026, pending receipt of all necessary approvals. Mountain Valley has addressed this perceived discrepancy in the response to *Resource Report 1-Question 3* of this Environmental Information Request.

Respondent: James Sabol
Position: Project Manager
Phone Number: 412-510-5831
Date: July 15, 2025

Mountain Valley Pipeline, LLC
MVP Southgate Amendment Project
Docket No. CP25-60-000

Responses to FERC Office of Energy Projects Environmental Information Request 2
Dated June 25, 2025

Resource Report 9–Air and Noise Quality

3. Clarify why noise surveys at the LN 3600 Interconnect were updated as this aboveground facility has not changed from the Certificated Project.

Response:

The LN 3600 Interconnect aboveground facility has not changed from the Original Certificated Project. However, Mountain Valley performed updated baseline sound level measurements for the Amendment Project in August 2024 and updated the noise model with this information to reflect current conditions. An updated report with the results of this revised assessment was provided as *Appendix 9-C* in Resource Report 9 as part of the February 3, 2025 Amendment Project Application.

Respondent: James Sabol
Position: Project Manager
Phone Number: 412-510-5831
Date: July 15, 2025

Mountain Valley Pipeline, LLC
MVP Southgate Amendment Project
Docket No. CP25-60-000

Responses to FERC Office of Energy Projects Environmental Information Request 2
Dated June 25, 2025

Resource Report 9–Air and Noise Quality

4. Provide a list of new noise sensitive areas (NSAs) identified since issuance of the FEIS. Section 9.3.3.2 states "Mountain Valley is currently evaluating crossing methods for other crossing areas in order to determine the most appropriate crossing method and will provide this information in a supplemental filing. If additional HDDs or conventional bores are identified, further noise evaluations will be completed and submitted as part of a supplemental filing." Clarify if Mountain Valley still anticipates additional crossing method changes or if the crossing methods as currently filed are expected to remain proposed.

Response:

Mountain Valley has completed a review of all conventional bore crossings and has identified additional noise sensitive areas ("NSAs") located within 0.5 mile of these crossings. A summary table of the preliminary NSAs will be provided with the remainder of this Environmental Information Request response that Mountain Valley expects to submit on or before August 1, 2025.

Mountain Valley is preparing a detailed construction noise analysis for these NSAs and expects to file it in August 2025. Should the verification process reveal any additional NSAs or require modifications to the list already provided, those updates will be incorporated into that filing.

At this time, Mountain Valley does not anticipate any changes to the crossing methods described in the May 9, 2025 response to the Commission's April 29, 2025 Environmental Information Request. If subsequent evaluations warrant a change, Mountain Valley will notify the Commission promptly and will supplement the record with revised noise analyses.

Respondent: James Sabol
Position: Project Manager
Phone Number: 412-510-5831
Date: July 15, 2025

Mountain Valley Pipeline, LLC
MVP Southgate Amendment Project
Docket No. CP25-60-000

Responses to FERC Office of Energy Projects Environmental Information Request 2
Dated June 25, 2025

Resource Report 9–Air and Noise Quality

5. The distances presented in table 9.3-6 for the Dan River HDD do not match appendix 9-D. For example, NSA 1 is listed as 2,290 feet from the Dan River HDD in table 9.3-6, but is listed as 1,850 feet in table 3-4 of appendix 9-D.

Response:

The distance in Table 9.3-6 in Resource Report 9 for NSA 1 for the Dan River HDD was incorrectly listed. The correct distance, as listed in Table 3-4 of *Appendix 9-D*, is 1,850 feet. Mountain Valley confirmed that all other distances between these two tables are consistent with one another.

Respondent: James Sabol
Position: Project Manager
Phone Number: 412-510-5831
Date: July 15, 2025

Mountain Valley Pipeline, LLC
MVP Southgate Amendment Project
Docket No. CP25-60-000

Responses to FERC Office of Energy Projects Environmental Information Request 2
Dated June 25, 2025

Resource Report 9–Air and Noise Quality

6. Clarify in more detail how and why the reference noise location at MP 29.3 was selected to compare to noise levels at MPs 5.6 and 25.7.

Response:

MP 29.3 was selected as the reference receptor because the surrounding land-use designation, zoning, and population density closely match those at MPs 5.6 and 25.7. Ambient measurements collected at MP 29.3 align with the ANSI S12.9-2018 predicted background sound levels for this rural-residential setting, providing a technically sound baseline for estimating both construction and operational noise at the other two locations.

Respondent: James Sabol
Position: Project Manager
Phone Number: 412-510-5831
Date: July 15, 2025

Mountain Valley Pipeline, LLC
MVP Southgate Amendment Project
Docket No. CP25-60-000

Responses to FERC Office of Energy Projects Environmental Information Request 2
Dated June 25, 2025

Resource Report 9–Air and Noise Quality

7. Elaborate in more detail the potential circumstances that may necessitate limited nighttime work described as "emergencies or other non-typical circumstances" in section 9.3.4.2.

Response:

Mountain Valley anticipates that construction of the Amendment Project will generally occur during daylight hours. However, as noted in Section 9.3.4.2, certain non-typical circumstances may necessitate limited nighttime work to ensure the safety, continuity, or effectiveness of specific operations. These circumstances are expected to be infrequent and would only occur when a delay or shutdown would create a technical or environmental risk, jeopardize compliance with agency requirements, or interfere with the safe execution of time-sensitive activities.

Examples of such situations include, but are not limited to: completing a bore that would be difficult or unsafe to restart once shut down; implementing a contingency plan in response to an inadvertent return or other release; waiting for an in-line inspection tool (pig) or pig train to reach its destination when its arrival is delayed beyond nightfall; completing a hydrostatic test that began later than planned or required a restart; operating pumps to maintain flow during an open-cut crossing that could not be completed before dark; dewatering facilities following hydrostatic testing in advance of freezing temperatures; allowing a burn pit to burn out safely rather than extinguishing it prematurely; completing an agency-mandated activity constrained by a regulatory or biological time window; and managing water-related delays during watering-up or dewatering activities.

Mountain Valley remains committed to minimizing disturbance and will implement applicable mitigation measures, including noise controls, lighting directionality, and advance communication with local stakeholders, when nighttime work is necessary.

Respondent: James Sabol
Position: Project Manager
Phone Number: 412-510-5831
Date: July 15, 2025

Mountain Valley Pipeline, LLC
MVP Southgate Amendment Project
Docket No. CP25-60-000

Responses to FERC Office of Energy Projects Environmental Information Request 2
Dated June 25, 2025

Resource Report 9–Air and Noise Quality

8. Section 9.3.4.2 states "Nighttime work will be conducted for specific situations related to safety, permit compliance, or construction activities that cannot be stopped until completion (e.g., HDD, conventional bores, dry waterbody crossings)." Appendices 2-A and 2-B indicate that all waterbody and wetland crossings would be either HDD, conventional bore, or dry ditch open-cut. Clarify if Mountain Valley intends to perform nighttime activities for all conventional bore and dry ditch open-cut waterbody and/or wetland crossings. If so, provide noise surveys for each location as applicable.

Response:

Mountain Valley anticipates that construction of the Amendment Project will generally occur during daylight hours. However, as noted in Section 9.3.4.2, certain non-typical circumstances (described in Mountain Valley's response to *Resource Report 9-Question 7* of this Environmental Information Request) may necessitate limited nighttime work.

Mountain Valley does not plan to conduct nighttime activities for all dry-ditch open-cut waterbody or wetland crossings, nor all conventional bore crossings. However, depending on site-specific field conditions, some conventional bore crossings may require 24-hour construction.

As described in Mountain Valley's Nighttime Construction Noise Management Plan, which was filed as *Appendix 1-G* in Resource Report 1 as part of the February 3, 2025 Amendment Project Application, Mountain Valley is requesting the Commission's approval for nighttime construction at four known crossing locations during the construction of the Amendment Project: HDDs at the Sandy River (MP 18.1) and Dan River (MP 30.8), and Railroad Bores at Railroad Crossing 1 (MP 5.6) and Railroad Crossing 2 (MP 25.7).

Noise surveys will be conducted for any additional areas identified to potentially require 24-hour construction. Additionally, noise surveys for applicable crossings (i.e., conventional bores) are being prepared. Mountain Valley expects to file these noise studies in August 2025.

Respondent: James Sabol
Position: Project Manager
Phone Number: 412-510-5831
Date: July 15, 2025

Mountain Valley Pipeline, LLC
MVP Southgate Amendment Project
Docket No. CP25-60-000

Responses to FERC Office of Energy Projects Environmental Information Request 2
Dated June 25, 2025

Resource Report 9–Air and Noise Quality

9. Section 9.3.4.3 states "When the locations and extent of blasting are known, a noise and vibration assessment will be completed for residences and historical structures that could be affected by blasting." Clarify when this assessment would be conducted and filed.

Response:

Mountain Valley will conduct a noise and vibration assessment for blasting once specific locations and the extent of blasting are confirmed. Blasting locations will not be known until the right-of-way has been cleared and grading or trenching has revealed conditions requiring blasting. When blasting is required, Mountain Valley will survey a radius around each planned blast site—typically up to 250 feet for structures and 150 feet for wells, springs, and utilities—to identify potentially affected residences, buildings, or other sensitive resources. This is consistent with the General Blasting Plan filed as *Appendix 1-G* in the February 3, 2025 Amendment Project Application, which outlines that pre-blast surveys will be conducted for structures within 250 feet and wells, springs, and utilities within 150 feet of the blast location.[2]

If structures are identified within this survey radius, pre-blast inspections will be performed, and vibration monitoring—such as the placement of seismographs—will be implemented when warranted by the blasting inspector. As described in the Blasting Plan, "recording seismographs will be installed by the Contractor at selected monitoring stations under the observation of Mountain Valley personnel." As discussed in Section 7.3 of the General Blasting Plan, additional seismographs will be placed at all above-ground facilities within 150 feet of blasting to ensure the PPV at those locations does not exceed the established limit. Generally, this limit will be set at 2 feet per second, but it may be increased by the designated Mountain Valley representative based on site-specific conditions.

Following blasting, a post-blast inspection will be conducted for affected structures, in accordance with Section 8.0 of the General Blasting Plan, to identify and document any changes in condition. Mountain Valley will maintain the results of the noise and vibration assessments as part of its construction records and will coordinate directly with affected landowners regarding any findings or actions related to their property.

These measures are consistent with the protocols outlined in the General Blasting Plan and demonstrate Mountain Valley's commitment to minimizing potential impacts to nearby properties and complying with regulatory requirements.

[2] An updated General Blasting Plan is included in the *Updated Appendix 1-G* in Attachment 1-4 of this Environmental Information Request response, as discussed in *Resource Report 1-Question 17* of this Environmental Information Request response.

Mountain Valley Pipeline, LLC
MVP Southgate Amendment Project
Docket No. CP25-60-000

Responses to FERC Office of Energy Projects Environmental Information Request 2
Dated June 25, 2025

Respondent: James Sabol
Position: Project Manager
Phone Number: 412-510-5831
Date: July 15, 2025

Mountain Valley Pipeline, LLC
MVP Southgate Amendment Project
Docket No. CP25-60-000

Responses to FERC Office of Energy Projects Environmental Information Request 2
Dated June 25, 2025

Resource Report 9–Air and Noise Quality

10. Section 9.3.4.4 presents data that 24-hour construction activities would be above the FERC's criteria of 55 dBA Ldn at the Sandy River and Dan River HDDs (table 9.3-13). Table 9.3-15 shows that even with modeled mitigation measures in place, 24-hour construction activities at NSA3 for the Sandy River HDD and all NSAs (1 through 3) would be above the FERC criteria of 55 dBA Ldn. Provide additional mitigation measures that would be deployed to bring noise levels below 55 dBA Ldn.

Response:

Upon review of the modeled noise levels presented in Table 9.3-13 and Table 9.3-15 in Resource Report 9, Mountain Valley notes that the highest predicted sound level attributable solely to construction activities is 48.4 dBA Leq (nighttime), which corresponds to an Ldn of 54.8 dBA. This level remains just below the FERC threshold of 55 dBA Ldn.

The "Construction Plus Ambient" column combines the predicted construction noise with existing ambient sound levels not attributable to the project and reflects levels above 55 dBA Ldn. FERC guidance defines the 55 dBA Ldn threshold in terms of construction noise alone, and not as a cumulative metric with pre-existing ambient conditions.

At this time, Mountain Valley does not propose any additional mitigation measures beyond those already modeled and described in the application materials because predicted HDD construction noise levels for the Amendment Project are expected to remain compliant with the FERC 55 dBA Ldn threshold based on the current analysis. Should issues arise in the field, additional mitigation measures would be implemented in consultation with FERC staff.

Respondent: James Sabol
Position: Project Manager
Phone Number: 412-510-5831
Date: July 15, 2025

Mountain Valley Pipeline, LLC
MVP Southgate Amendment Project
Docket No. CP25-60-000

Responses to FERC Office of Energy Projects Environmental Information Request 2
Dated June 25, 2025

Resource Report 9–Air and Noise Quality

11. Section 9.3.4.4 states "As an alternative to these primary and/or secondary noise control treatments, Mountain Valley may consider offering the residents compensation or temporary relocation as a means of reducing the temporary construction noise impact. If all affected residents choose to accept temporary relocation compensation, then temporary barriers or other treatments will not be necessary. HDD activities can occur over the course of several weeks, so compensation or relocation is typically not practical for HDD work areas." As the NSAs requiring additional mitigation are HDD areas, clarify if compensation or relocation would not be offered.

Response:

Section 9.3.4.4 references the potential for offering compensation or temporary relocation as an alternative to primary or secondary noise control treatments. Mountain Valley clarifies that, while compensation or relocation is generally not practical for HDDs, such options remain available and would be considered as practicable. Any such offering would be evaluated on a case-specific basis and implemented where appropriate to address temporary construction noise impacts for affected residents at HDD locations.

Respondent: James Sabol
Position: Project Manager
Phone Number: 412-510-5831
Date: July 15, 2025

Mountain Valley Pipeline, LLC
MVP Southgate Amendment Project
Docket No. CP25-60-000

Responses to FERC Office of Energy Projects Environmental Information Request 2
Dated June 25, 2025

Resource Report 9–Air and Noise Quality

12. Section 9.3.4.4 states the Sandy River HDD and conventional bore crossings of railroads at MPs 5.6 and 25.7 are subject to Pittsylvania County's noise ordinance which requires construction noise to be less than 52 dBA Leq at the nearest resident's property line. This section further states "At the MP 25.7 railroad crossing, the worst-case property line sound level is 52.1 dBA Leq during nighttime boring activity. Sound levels from boring are not expected to exceed the Pittsylvania County limit at any location around the property line." Resolve the discrepancy as the worst-case sound level is above 52 dBA Leq. This section also states "At the MP 5.6 railroad crossing, the worst-case property line sound level is 59.4 dBA Leq at the current leased property boundary to the north of the MP 5.6 railroad crossing. This area is vacant wooded land with no visible structures (based on SLR's review of aerial imagery available at the time of writing this report). Sound levels at the closest property line with residential structures are 39.8 dBA Leq, significantly lower than the ordinance. If it is determined that the sound levels need to be reduced below the Pittsylvania County limit at the northern property line, a nighttime construction noise plan will need to be developed to reduce sound levels to below the limit at the applicable property boundaries." Confirm which property line should be used to determine compliance with the ordinance. Also confirm that Mountain Valley will provide a nighttime construction noise plan, if necessary, to reduce sound levels at this crossing.

Response:

The Pittsylvania County noise ordinance specifies a limit of 52 dBA Leq as a whole number. In accordance with standard acoustic industry practice, predicted sound levels are typically rounded to the nearest whole number for comparison. As such, the predicted worst-case sound level of 52.1 dBA Leq at MP 25.7 would be rounded to 52 dBA Leq, and is therefore considered compliant with the ordinance.

At the MP 5.6 railroad crossing, the Pittsylvania County noise limit applies at the noise-producing property boundary, which in this case is the current leased boundary located north of the crossing and in close proximity to the noise source. The Pittsylvania ordinance is more restrictive than the FERC standard in many situations, particularly where there is a large setback between the property boundary and the nearest residential structure. In this case, the predicted sound level of 59.4 dBA Leq at the leased property boundary corresponds to a significantly lower level of 37.2 dBA Leq at the nearest residence, and there are no structures located near the boundary in question.

If nighttime construction is required at this location, Mountain Valley will develop a site-specific noise management plan to ensure sound levels remain within the 52 dBA Leq limit at the applicable property boundary. Additionally, Pittsylvania County provides an exemption for construction noise occurring between 7:00 a.m. and 10:00 p.m.

Mountain Valley Pipeline, LLC
MVP Southgate Amendment Project
Docket No. CP25-60-000

Responses to FERC Office of Energy Projects Environmental Information Request 2
Dated June 25, 2025

Respondent: James Sabol
Position: Project Manager
Phone Number: 412-510-5831
Date: July 15, 2025

Mountain Valley Pipeline, LLC
MVP Southgate Amendment Project
Docket No. CP25-60-000

Responses to FERC Office of Energy Projects Environmental Information Request 2
Dated June 25, 2025

Resource Report 9–Air and Noise Quality

13. Section 9.3.5.1 states "Based on this assessment, projected sound levels attributable to normal full load operation of the Amendment Project [would be] 50.7 dBA Ldn or lower at the identified NSAs, which is in compliance with the FERC permit criterion of 55 dBA Ldn. Table 9.3-16 presents values of 50.7 dBA Ldn value and lower for "Predicted Sound Level 24-Hour Normal Operation, dBA." Clarify why the "Normal Operation Plus Ambient" values from table 9.3-16 were not used.

Response:

Consistent with FERC's established guidance, the post-construction noise requirement applies to sound levels attributable solely to the operation of new facilities and must not exceed an Ldn of 55 dBA at any pre-existing NSA.

The "Normal Operation Plus Ambient" column in Table 9.3-16 includes background sound levels from sources unrelated to the Amendment Project's operations, and therefore does not represent facility-attributable noise. In accordance with FERC guidance, compliance is assessed based solely on the facility-generated contribution, reflected in the "Predicted Sound Level 24-Hour Normal Operation" values presented in the table. These values demonstrate that the projected Ldn levels from normal full-load operation at the relevant meter stations are at or below 50.7 dBA Ldn, thereby satisfying the 55 dBA Ldn criterion.

Respondent: James Sabol
Position: Project Manager
Phone Number: 412-510-5831
Date: July 15, 2025

Mountain Valley Pipeline, LLC
MVP Southgate Amendment Project
Docket No. CP25-60-000

Responses to FERC Office of Energy Projects Environmental Information Request 2
Dated June 25, 2025

Resource Report 9–Air and Noise Quality

14. Clarify if the operational noise estimates include the proposed meter stations' blowdown events (table 9.3-16).

Response:

The predicted operational noise levels presented by Mountain Valley in Table 9.3-16 in Resource Report 9 do not include blowdown events. Blowdowns at the proposed meter stations are not part of routine daily operations or routine maintenance and are only anticipated under emergency conditions, which would be exceedingly rare. As such, Table 9.3-16 reflects sound levels associated with normal, full-load operation and does not incorporate emergency-related events such as blowdowns at the proposed meter stations.

Respondent: James Sabol
Position: Project Manager
Phone Number: 412-510-5831
Date: July 15, 2025

Mountain Valley Pipeline, LLC
MVP Southgate Amendment Project
Docket No. CP25-60-000

Responses to FERC Office of Energy Projects Environmental Information Request 2
Dated June 25, 2025

Resource Report 9–Air and Noise Quality

15. Clarify if new construction equipment, not considered in the FEIS, would be necessary for construction due to a larger diameter pipe. If so, provide construction noise estimates for the new equipment.

Response:

The construction noise analysis provided in Resource Report 9 of the Amendment application reflects the use of construction equipment appropriate for the installation of the larger, 30-inch diameter pipeline. The equipment inventory was updated from that used in the FEIS to account for differences in pipe diameter and associated construction requirements.

Accordingly, the noise estimates presented in the February 3, 2025 Amendment Project Application fully incorporate the expected impacts from revised equipment and represent a comprehensive update to the analysis in the FEIS.

Respondent: James Sabol
Position: Project Manager
Phone Number: 412-510-5831
Date: July 15, 2025

Mountain Valley Pipeline, LLC
MVP Southgate Amendment Project
Docket No. CP25-60-000

Responses to FERC Office of Energy Projects Environmental Information Request 2
Dated June 25, 2025

Resource Report 10–Alternatives

1. Section 10.4.1 states "Converting the 550 million cubic feet per day of natural gas volumes that the Amendment Project will deliver to PSNC in North Carolina to LNG would require production and transportation of approximately 4,114 million gallons per day. Transportation of the LNG would involve trucking on local and interstate highways to a centralized delivery point and transporting to regasification facilities at the delivery points along the pipeline. Given a truck tanker capacity of 10,850 gallons, it would take approximately 379,196 trucks per day to transport this volume with a truck-limiting load rate of approximately 300 gallons per minute." However, 4,114 million gallons divided by 10,850 gallons equals 379,171 rather than 379,196 trucks per day. In addition, a fill rate of 300 gallons a minute would allow for 40 truckloads to be filled in 24-hours, 434,000 gallons to be filled a day, and 9,479 trucks to transport 4,114 million gallons a day (not 9 trucks simultaneously each day). Resolve the apparent discrepancies.

Response:

Mountain Valley has corrected the error in the original calculation and presents the revised paragraph below.

> Converting the 550 million cubic feet per day of natural gas volumes that the Amendment Project will deliver to its Foundation Shippers in North Carolina to LNG would require the production and transportation of approximately 6.6 million gallons per day. Transportation of the LNG for the Amendment Project would involve trucking on local and interstate highways to a centralized delivery point and transporting to regasification facilities at the delivery points along the pipeline. Given a truck tanker capacity of 10,850 gallons and a load rate limit of approximately 300 gallons per minute, transporting 6.6 million gallons per day would require approximately 613 truckloads daily. Accommodating this volume over a continuous 24-hour period would necessitate the simultaneous loading of roughly 15 trucks.

Respondent: James Sabol
Position: Project Manager
Phone Number: 412-510-5831
Date: July 15, 2025

Mountain Valley Pipeline, LLC
MVP Southgate Amendment Project
Docket No. CP25-60-000

Responses to FERC Office of Energy Projects Environmental Information Request 2
Dated June 25, 2025

Resource Report 10–Alternatives

2. Section 10.4.2 states "The Eden Loop portion of the SSE Project originates at Transco's Station 165 pool and generally runs parallel to the Amendment Project pipeline route in both Virginia and North Carolina, terminating at the Dan River Interconnect." Section 10.5.1 states "Approximately 1.86 miles of the Amendment Project route are collocated along a proposed segment of the Transco proposed SSE Project (Eden Loop)." Clarify if the Eden Loop generally parallels the Amendment Project, how are only 1.86 miles collocated. In addition, provide the criteria used to determine collocation.

Response:

The statement in Section 10.4.2 that the Eden Loop "generally runs parallel" to the Amendment Project refers to the overall corridor alignment of both projects, which follow similar paths through portions of Virginia and North Carolina. However, the Eden Loop is predominantly located on the opposite side of the existing Transco pipeline corridor from the Amendment Project. In this configuration, each project is individually collocated with the existing Transco system, but not with each other.

Mountain Valley defined collocation as instances where the Amendment Project and another pipeline—such as the Eden Loop—are located on the same side of an existing right-of-way or within the same construction corridor and are in direct proximity that allows for potential overlap or coordinated workspace. For the purpose of developing collocation totals, the Project assumed abutting or overlapping maintained ROWs were deemed "collocated." Based on this definition, only approximately 1.86 miles of the Amendment Project route are considered collocated with the proposed Eden Loop, where both alignments are situated on the same side of the existing Transco pipeline corridor.

In all other areas where the two projects run in parallel but on opposite sides of the existing Transco corridor, they are not classified as collocated because they do not share workspace, construction footprint, or contiguous alignment on the same side of the corridor.

Respondent: James Sabol
Position: Project Manager
Phone Number: 412-510-5831
Date: July 15, 2025

Mountain Valley Pipeline, LLC
MVP Southgate Amendment Project
Docket No. CP25-60-000

Responses to FERC Office of Energy Projects Environmental Information Request 2
Dated June 25, 2025

Resource Report 10–Alternatives

3. Section 10.4.3 references that the FEIS for the original certificated Project concluded that the East Tennessee natural gas system would not be a viable system alternative due to significant modifications that would be required to provide necessary design pressure and capacity to serve the Amendment Project's commitments. Provide an updated assessment of the East Tennessee natural gas system alternative given that this system has been modified since completion of the FEIS for the original certificated project.

Response:

The FEIS for the Original Certificated Project reviewed the East Tennessee system and concluded: "To meet the purpose of the Project, modifications to the East Tennessee pipeline system would be required to supply 375 MMcf/d of natural gas to the DENC distribution system. The modifications would include upgrades similar to the Project, including approximately 30 miles of pipeline collocated with the Transco pipeline system, 40 miles of new pipeline, and additional compression. These modifications would result in environmental impacts similar to those that would occur as proposed by the Project. Therefore, we conclude that this alternative would not provide a significant environmental advantage."

Since the issuance of the FEIS for the Original Certificated Project, East Tennessee has proposed system enhancements, including the Ridgeline Expansion Project and the System Alignment Program. The proposed Ridgeline Expansion Project (FERC Docket No. CP23-516-000) involves approximately 122 miles of 30-inch pipeline looping and a new electric-powered compressor station, primarily aimed at supplying natural gas to the Tennessee Valley Authority's new gas-fired generation plant in Kingston, Tennessee. The System Alignment Program (FERC Docket No. CP23-131-000) includes modifications such as the replacement of pipeline segments and the addition of compressor stations in multiple states, intended to improve system reliability and meet existing customer needs.

Neither of these East Tennessee system enhancements would impact the conclusion in the FEIS that significant modifications would be required to meet the purpose of the Amendment Project. East Tennessee continues to lack a direct interconnection with the Mountain Valley Pipeline, and utilizing East Tennessee as an alternative would still necessitate significant new infrastructure to establish interconnectivity, including the construction of the new pipeline segments and associated facilities already identified in the FEIS. These developments would likely result in environmental impacts comparable to those identified for the Amendment Project.

Therefore, even with recent system modifications, East Tennessee does not present a viable alternative to the Amendment Project due to the absence of direct interconnection and the substantial infrastructure that would be required to achieve such connectivity. This analysis is

based upon publicly available information and may not reflect future expansion plans of East Tennessee.

Respondent: James Sabol
Position: Project Manager
Phone Number: 412-510-5831
Date: July 15, 2025

Mountain Valley Pipeline, LLC
MVP Southgate Amendment Project
Docket No. CP25-60-000

Responses to FERC Office of Energy Projects Environmental Information Request 2
Dated June 25, 2025

Resource Report 10–Alternatives

4. Indicate for each of the proposed project variations in section 10.6 whether the variations involve unwilling landowners and if so, how many.

Response:

In response to the Commission's request regarding landowner willingness associated with the route variations described in Section 10.6 of Resource Report 10, Mountain Valley provides the following information:

- Lambert Interconnect Variation: This variation is located entirely on Mountain Valley-owned property. No third-party landowners are affected.
- MP 9.9 to MP 10.3 Variation: All tracts associated with this variation have been acquired.
- Sandy River Variation: Mountain Valley is actively coordinating with the landowner for this variation. The landowner has not been identified as unwilling.
- MP 19.9 Variation: All tracts associated with this variation have been acquired.
- MP 23.9 to MP 25.4 Variation: All tracts associated with this variation have been acquired.
- Dan River Variation: Other than an access road and workspace on tract NC-RO-013, this variation has been acquired. There are no unwilling landowners associated with this variation.

Mountain Valley will continue to engage proactively with all landowners along the Amendment Project route and will provide updates to the Commission if any material changes occur.

Respondent: James Sabol
Position: Project Manager
Phone Number: 412-510-5831
Date: July 15, 2025

Mountain Valley Pipeline, LLC
MVP Southgate Amendment Project
Docket No. CP25-60-000

Responses to FERC Office of Energy Projects Environmental Information Request 2
Dated June 25, 2025

Resource Report 10–Alternatives

5. The description of the Sandy River Variation states that it "avoids a large wetland that was on the Original Certificated Project Route." However, table 10.6-3 indicates that the "Original Certificated Project" had 0 feet of wetland crossing length. Resolve the apparent discrepancy. Depict the large wetland in an updated figure 10.6-3.

Response:

Comparative information in Table 10.6-3 is based solely on publicly available (i.e., desktop) data. National Wetlands Inventory ("NWI") and National Hydrography Dataset ("NHD") data were used to identify wetlands and waterbodies for comparison purposes. However, because these datasets rely on remotely sensed data and generalized mapping scales, they may omit small or ephemeral features and may not always reflect current field conditions.

Although the desktop data did not indicate any features along the Original Certificated Project route in this location, the field delineation for the Original Certificated Project identified a wetland, and the route was revised to minimize impacts. The narrative erroneously suggests that Table 10.6-3 reflects that change; however, the wetland was identified from field surveys and thus not reflected in the table itself.

Respondent: James Sabol
Position: Project Manager
Phone Number: 412-510-5831
Date: July 15, 2025

Mountain Valley Pipeline, LLC
MVP Southgate Amendment Project
Docket No. CP25-60-000

Responses to FERC Office of Energy Projects Environmental Information Request 2
Dated June 25, 2025

Resource Report 10–Alternatives

6. Regarding the two blue line waterbodies depicted in figure 10.6-5, confirm that they are field delineated waterbodies that would be crossed by the Variation, indicate their flow regime, and consider whether minor adjustments to the variation could result in avoidance of the two waterbodies if they are field delineated streams.

Response:

Comparative information in Figure 10.6-5 is based solely on publicly available (i.e., desktop) data. As discussed in *Resource Report 10-Question 5* of this Environmental Information Request response, Mountain Valley used publicly available NWI and NHD data to identify wetlands and waterbodies for comparison purposes, which may not always reflect current field conditions. The alternative was incorporated as it moves the pipeline to satisfy a request from the Danville Industrial Development Authority to meet its development plans for the parcel.

Respondent: James Sabol
Position: Project Manager
Phone Number: 412-510-5831
Date: July 15, 2025

Mountain Valley Pipeline, LLC
MVP Southgate Amendment Project
Docket No. CP25-60-000

Responses to FERC Office of Energy Projects Environmental Information Request 2
Dated June 25, 2025

Resource Report 10–Alternatives

7. Provide additional explanation and details for the location of the Lambert Interconnect and Dan River Interconnect #2 meter stations beyond "customer and system requirements" as stated in section 10.7.2.

Response:

As stated in Section 10.7.2 of Resource Report 10, the locations of the Lambert Interconnect and Dan River Interconnect #2 reflect customer and system requirements. These facilities have been strategically sited to optimize operational efficiency, minimize the need for additional infrastructure, and reduce overall environmental impacts.

The Lambert Interconnect is located along the Original Certificated Route and in close proximity to the tie-in point with the existing Mountain Valley Pipeline. This location eliminates the need for additional inlet and outlet piping to connect the meter station with the pipeline, thereby minimizing ground disturbance and construction complexity. In addition, the interconnect is located entirely on property currently owned by Mountain Valley, which reduces land acquisition needs and avoids impacts to third-party landowners.

The Dan River Interconnect #2 is also located on land owned by Mountain Valley. It is sited directly across the street from an existing mixing station, which is a critical downstream facility for gas to flow through per the customers' requirements. This proximity allows for a short and direct pipeline connection between the meter station and the mixing station, significantly simplifying operational control and integration with existing infrastructure. The selected location also avoids the need for additional crossings or rights-of-way through developed or sensitive areas.

Given the operational and logistical advantages of these two locations, and the fact that both are situated on Mountain Valley-owned property, no alternative locations were identified that would satisfy these requirements without introducing additional complexity or environmental impact.

Respondent: James Sabol
Position: Project Manager
Phone Number: 412-510-5831
Date: July 15, 2025

Mountain Valley Pipeline, LLC
MVP Southgate Amendment Project
Docket No. CP25-60-000

Responses to FERC Office of Energy Projects Environmental Information Request 2
Dated June 25, 2025

Resource Report 11–Reliability and Safety

1. Indicate milepost ranges for the Class 2 and 3 areas noted in table 11.2-1.

Response:

The milepost ranges for the Class 2 and 3 areas will be added to Table 11.2-1 and will be provided with the remainder of this Environmental Information Request response that Mountain Valley expects to submit on or before August 1, 2025.

Respondent: James Sabol
Position: Project Manager
Phone Number: 412-510-5831
Date: July 15, 2025

Mountain Valley Pipeline, LLC
MVP Southgate Amendment Project
Docket No. CP25-60-000

Responses to FERC Office of Energy Projects Environmental Information Request 2
Dated June 25, 2025

Resource Report 11–Reliability and Safety

2. Section 11.2.3 indicates there are two high consequence areas (HCA), but table 11.2-2 depicts three HCAs. Resolve the apparent discrepancy.

Response:

Mountain Valley identified three high consequence areas ("HCAs") along the proposed pipeline route, as identified in Table 11.1-2 in Resource Report 11. The reference to two HCAs in Section 11.2.3 was in error.

Respondent: James Sabol
Position: Project Manager
Phone Number: 412-510-5831
Date: July 15, 2025

Mountain Valley Pipeline, LLC
MVP Southgate Amendment Project
Docket No. CP25-60-000

Responses to FERC Office of Energy Projects Environmental Information Request 2
Dated June 25, 2025

Resource Report 11–Reliability and Safety

3. Section 11.4.2 states "Mountain Valley will update site-specific residential construction plans that were documented in the FEIS in areas where occupied residential dwellings are within 25 feet of construction." Site-specific residential construction plans were provided in appendix 8-D of RR 8. Clarify if these plans are the most recent or will be updated.

Response:

The site-specific residential construction plans included in *Appendix 8-D* of Resource Report 8 as part of the February 3, 2025 Amendment Project Application are the most recent and updated plans. Non-substantive revisions have been made in response to comments within this Environmental Information Request and are included in Attachment 8-1 of this Environmental Information Request response.

Mountain Valley does not expect the need to make further revisions, including as to the changes to the limits of disturbance related to the Transco SSEP, as noted in this Environmental Information Request response.

Respondent: James Sabol
Position: Project Manager
Phone Number: 412-510-5831
Date: July 15, 2025

Mountain Valley Pipeline, LLC
MVP Southgate Amendment Project
Docket No. CP25-60-000

Responses to FERC Office of Energy Projects Environmental Information Request 2
Dated June 25, 2025

MVP's March 28, 2025 Supplemental Filing

1. Confirm if the letter on page 32 of file 20250328-5286_PUB_MVPAmendment_Supplement1March25.pdf continues on page 53 of the file.

Response:

The consultation letter response on page 32 of the filename *20250328-5286_PUB_MVPAmendment_Supplement1March25.pdf* continues on page 53 of the file.

Pages 33-52 were inadvertently included in that location and are from the October 18, 2024 letter to USFWS that starts on page 59 of that same file.

Respondent: Cory Chalmers
Position: Permitting Specialist
Phone Number: 304-627-8173
Date: July 15, 2025

Mountain Valley Pipeline, LLC
MVP Southgate Amendment Project
Docket No. CP25-60-000

Responses to FERC Office of Energy Projects Environmental Information Request 2
Dated June 25, 2025

MVP's March 28, 2025 Supplemental Filing

2. Updated table 4.5-7 for Site 071-5227/ 44PY0273 Wallor Cemetery states this site is "not eligible" while the Phase 1 Addendum 2 Draft Architectural History Report (Huitt-Thornton 2025), filed February 2025 states this site is "eligible." Resolve the apparent discrepancy.

Response:

Mountain Valley documented historic resource 071-5227/44PY0273 (Wallor Cemetery) in its November 2018 draft report entitled *Historic Architectural Survey of the MVP Southgate Pipeline Project, Pittsylvania County, Virginia*, and recommended the cemetery not eligible for the NRHP under any of the four normal criteria (A through D) nor criteria consideration D (Karpynec et al. 2018). This recommendation is consistent with previous evaluations of this resource. Following its review of the draft report, the VDHR found the architectural resource portion of the site (071-5227) to possess "unusual headstone designs" and stated that it "…should either be treated as NRHP eligible or evaluated under a Phase II (Intensive) Level Survey." Rather than re-evaluate the site, Mountain Valley has opted to treat architectural resource 071-5227 as NRHP eligible for the purpose of the Amendment Project. The Wallor Cemetery (071-5227/44PY0273) will be avoided so there is no potential to adversely affect this resource.

References

Karpynec, Ted, Kelli Gibson, David Price, Meghan Weaver, and Bruce Idol. 2018. Draft Report: Historic Architectural Survey for the MVP Southgate Pipeline Project, Rockingham and Alamance Counties, North Carolina. Revised Draft Report submitted September 2019. TRC Environmental Corporation, Chapel Hill, North Carolina.

Respondent: John Tessier
Position: Environmental Manager
Phone Number: 561-694-4131
Date: July 15, 2025

Mountain Valley Pipeline, LLC
MVP Southgate Amendment Project
Docket No. CP25-60-000

Responses to FERC Office of Energy Projects Environmental Information Request 2
Dated June 25, 2025

MVP's May 9, 2025 EIR #1 Responses Filing

1. Provide the following regarding table 2-2:
    a. ATWS 1131A lists the total area as 0.0 acre and the acreage of the ATWS outside of the Original Certificated Route limits of disturbance (LOD) as 0.35 acres. Resolve the apparent discrepancy;
    b. The total area of ATWSs 1173O, 1188, 1233 listed on table 2-2 do not match the size listed on the alignment sheets. Resolve the apparent discrepancy;
    c. Revise footnote a to include a definition for "WL;"and
    d. Provide the actual acreage of ATWS outside of Original Certificated Route LOD rather than <0.01 acre.

Response:

The updated Table 2-2 will be provided with the remainder of this Environmental Information Request response that Mountain Valley expects to submit on or before August 1, 2025.

Respondent: Cory Chalmers
Position: Permitting Specialist
Phone Number: 304-627-8173
Date: July 15, 2025

Mountain Valley Pipeline, LLC
MVP Southgate Amendment Project
Docket No. CP25-60-000

Responses to FERC Office of Energy Projects Environmental Information Request 2
Dated June 25, 2025

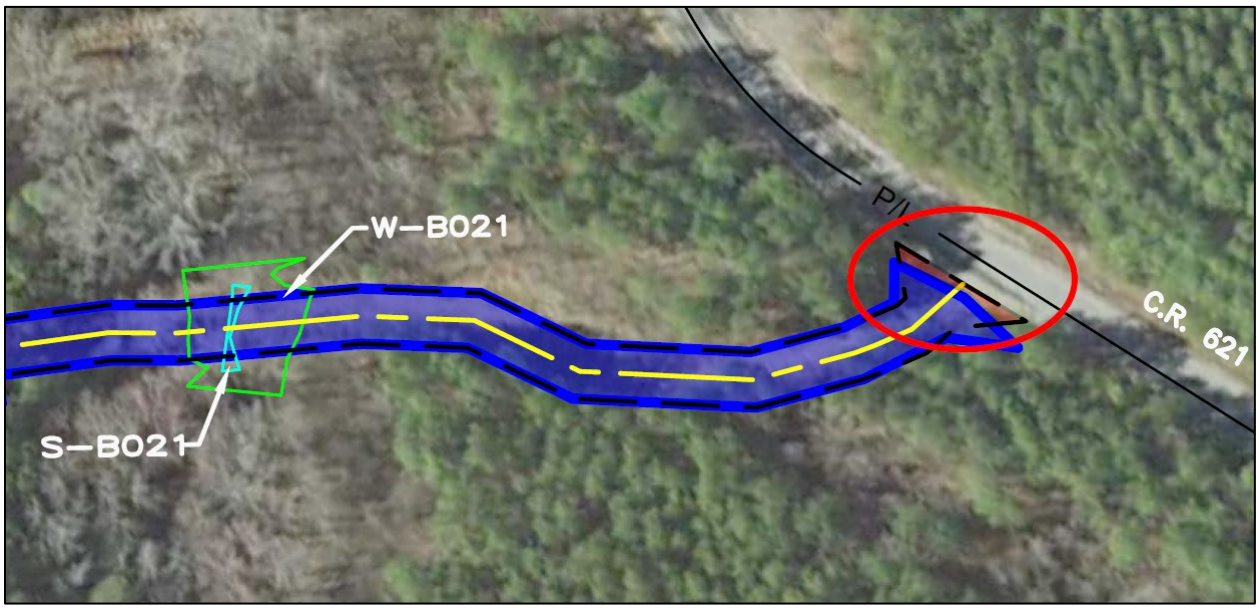
MVP's May 9, 2025 EIR #1 Responses Filing

2. Clarify why table 2-5 (New, Improved, and Private Access Roads Outside the Original Certificated Project LOD) includes two rows for TA-PI-061. In addition, it is unclear from the alignment sheets which portion(s) of this access road are changed from the Certificated Project. Resolve any discrepancies. Clarify if "new" or "existing" pertains to the road surface and not if it is "new" or "existing" for the Amendment Project as compared to the Certificated Project. Denote which roads that are entirely new Amendment Project footprint (i.e., outside of the Certificated Project footprint) and which roads have had a portion of the road modified from the Certificated Project footprint.

Response:

Table 2-5 (New, Improved, and Private Access Roads Outside the Original Certificated Project LOD) erroneously includes two rows for TA-PI-061. Although two distinct portions of the access road appear to be outside the Original Certificated Project footprint, one portion appears to be a result of a GIS projection discrepancies and will be corrected and removed in the updated access road tables that will be provided with the remainder of this Environmental Information Request response that Mountain Valley expects to submit on or before August 1, 2025. The terms "new" or "existing" within Table 2-5 pertain to the road surface.

The portion of this TA-PI-061 that has changed from the Original Certificated Project is circled and highlighted in red below.



Mountain Valley Pipeline, LLC
MVP Southgate Amendment Project
Docket No. CP25-60-000

Responses to FERC Office of Energy Projects Environmental Information Request 2
Dated June 25, 2025

An updated *Appendix 1-F* (Proposed New, Improved, and Private Access Roads) will be provided with the remainder of this Environmental Information Request response that Mountain Valley expects to submit on or before August 1, 2025. The updated *Appendix 1-F* will denote which roads that are entirely new Amendment Project footprint (i.e., outside of the Certificated Project footprint) and which roads have had a portion of the road modified from the Certificated Project footprint.

Respondent: James Sabol
Position: Project Manager
Phone Number: 412-510-5831
Date: July 15, 2025

Mountain Valley Pipeline, LLC
MVP Southgate Amendment Project
Docket No. CP25-60-000

Responses to FERC Office of Energy Projects Environmental Information Request 2
Dated June 25, 2025

MVP's May 9, 2025 EIR #1 Responses Filing

3. Revise table 2-7 to provide actual acre values for all entries currently listed as <0.01.

Response:

Table 2-7 will be revised to provide actual acreage values for all entries currently listed as <0.01.

Mountain Valley is preparing this response and expects to submit it on or before August 1, 2025.

Respondent: Cory Chalmers
Position: Permitting Specialist
Phone Number: 304-627-8173
Date: July 15, 2025

Mountain Valley Pipeline, LLC
MVP Southgate Amendment Project
Docket No. CP25-60-000

Responses to FERC Office of Energy Projects Environmental Information Request 2
Dated June 25, 2025

MVP's May 9, 2025 EIR #1 Responses Filing

4. Revise appendix 2-A (Waterbodies Crossed by the Amendment Project) to include the waterbody ID and crossing method from the FEIS. As previously requested, denote any crossing method changes from the Certificated Project. Also denote any classification, designation, impairment, and/or crossing length changes. Denote any changes and new impacts that are a result of updated surveys within the Certificated Project workspaces, and separately denote all changes and new impacts that are due to new Amendment Project footprint. In addition, include impacts on the portion of stream S-A038 located within ATWS-1096.

Response:

Appendix 2-A will be revised to include the waterbody ID and crossing method from the FEIS, crossing method changes from the Certificated Project, and any classification, designation, impairment, and/or crossing length changes. The revised *Appendix 2-A* will denote any changes and new impacts that are a result of updated surveys within the Certificated Project workspaces and which are due to new Amendment Project footprint. Impacts on the portion of stream S-A038 located within ATWS-1096 will also be incorporated.

Mountain Valley is preparing the revised appendix and expects to submit it with the remainder of this Environmental Information Request response that Mountain Valley expects to submit on or before August 1, 2025.

Respondent: Cory Chalmers
Position: Permitting Specialist
Phone Number: 304-627-8173
Date: July 15, 2025

Mountain Valley Pipeline, LLC
MVP Southgate Amendment Project
Docket No. CP25-60-000

Responses to FERC Office of Energy Projects Environmental Information Request 2
Dated June 25, 2025

MVP's May 9, 2025 EIR #1 Responses Filing

5. Revise appendix 2-B (Wetlands Crossed by the Amendment Project) to include the wetland ID and crossing method from the FEIS. As previously requested, denote any crossing method changes from the Certificated Project. In addition, denote areas of additional impacts, that were not previously certificated, due to updated surveys. Denote new impacts that are due to the new Amendment Project footprint.

Response:

Appendix 2-B will be revised to include the wetland ID and crossing method from the FEIS. The revised *Appendix 2-B* will denote any changes and new impacts that are a result of updated surveys within the Original Certificated Project workspaces, and which are due to new Amendment Project footprint.

Mountain Valley is preparing the revised appendix and expects to submit it with the remainder of this Environmental Information Request response that Mountain Valley expects to submit on or before August 1, 2025.

Respondent: Cory Chalmers
Position: Permitting Specialist
Phone Number: 304-627-8173
Date: July 15, 2025

Mountain Valley Pipeline, LLC
MVP Southgate Amendment Project
Docket No. CP25-60-000

Responses to FERC Office of Energy Projects Environmental Information Request 2
Dated June 25, 2025

MVP's May 9, 2025 EIR #1 Responses Filing

6. As previously requested, provide new/changed crossing methods for roads, railroads, nearby residences (such as potential new bore near MP 10.58), and sensitive lands (such as trail crossings). Clarify if any upland pipeline construction methods have changed.

Response:

No new or changed crossing methods for roads, railroads, or residences are proposed at this time. Although site-specific residential plans (Drawing No. RSS-H650-016) previously did not indicate the location of the bore pits in proximity to the residence near MP 10.58, a bore has not been added. This location included a bore to avoid a residential septic system as part of the Original Certificated Project (Docket No. CP19-14-000).

Mountain Valley will file corresponding updated tables should crossing methods change or new crossings be identified. Table 8-4.1 will be revised to include new/changed crossing methods and lengths and will be provided along with the remainder of this Environmental Information Request response that Mountain Valley expects to submit on or before August 1, 2025.

Respondent: James Sabol
Position: Project Manager
Phone Number: 412-510-5831
Date: July 15, 2025

Mountain Valley Pipeline, LLC
MVP Southgate Amendment Project
Docket No. CP25-60-000

Responses to FERC Office of Energy Projects Environmental Information Request 2
Dated June 25, 2025

MVP's May 9, 2025 EIR #1 Responses Filing

7. Alignment sheets:
    a. The green dashed line showing "guide line vegetation clearing" is missing from the Dan River crossing. The text is visible, but the line is missing; and
    b. The alignment sheets include references to additional drawings such as "See Drawing MVPPL-VAR-100 and MVPPL-VAR-101." Clarify the meaning of these notes.

Response:

c. The alignment sheets have been updated and have corrected this omission. The revised alignment sheets are presented in the *Updated Appendix 1-A* in Attachment 1-2 of this Environmental Information Request response.

a. The alignment sheets include references to auxiliary drawings to be used by Mountain Valley's construction team. References to MVPPL-VAR-100 and MVPPL-VAR-101 are references to road crossing drawings that will be utilized by Mountain Valley's construction team.

Respondent: James Sabol
Position: Project Manager
Phone Number: 412-510-5831
Date: July 15, 2025

Mountain Valley Pipeline, LLC
MVP Southgate Amendment Project
Docket No. CP25-60-000

Responses to FERC Office of Energy Projects Environmental Information Request 2
Dated June 25, 2025

List of Attachments

Attachment 1-1	Construction Plan (Appendix 1-G) Redlines *(Provided Under Separate Cover)*
Attachment 1-2	Updated Alignment Sheets (Appendix 1-A) *(Provided Under Separate Cover)*
Attachment 1-3	Updated Construction Typical Detail
Attachment 1-4	Updated Construction Plans (Appendix 1-G) *(Provided Under Separate Cover)*
Attachment 1-5	Updated Agency Correspondence (Appendix 1-I)
Attachment 4-1	North Carolina State Historic Preservation Office Historic Property Survey Summary Forms for Appendix 4-G
Attachment 8-1	Updated Site-Specific Residential Construction Plan Drawings (Appendix 8-D)

Mountain Valley Pipeline, LLC
MVP Southgate Amendment Project
Docket No. CP25-60-000

Responses to FERC Office of Energy Projects Environmental Information Request 2
Dated June 25, 2025

ATTACHMENT 1-1 – CONSTRUCTION PLAN (APPENDIX 1-G) REDLINES

Provided Under Separate Cover

Mountain Valley Pipeline, LLC
MVP Southgate Amendment Project
Docket No. CP25-60-000

Responses to FERC Office of Energy Projects Environmental Information Request 2
Dated June 25, 2025

Construction Plan (Appendix 1-G) Redlines *(Provided Under Separate Cover)*

Emergency Response Plan
Exotic and Invasive Species Control Plan
Fire Prevention and Suppression Plan
General Blasting Plan (Revised July 2025)
Hill View Farm Protection Plan
Horizontal Directional Drill Contingency Plan
Landowner Complaint Resolution Procedure
Landslide Mitigation Report
Nighttime Construction Noise Management Plan
Plan for Unanticipated Discovery of Historic Properties and Human Remains
Public, Stakeholder, and Agency Participation Plan
Spill Prevention, Control and Countermeasure Plan and Unanticipated Discovery of Contamination Plan for Construction Activities in Virginia and North Carolina
Traffic and Transportation Management Plan
Upland, Erosion Control and Revegetation and Maintenance Plan (Revised July 2025)
Unanticipated Plan for Paleontological Resources
Water Resources Identification and Testing Plan
Wetland and Waterbody Procedures *(will be provided with the remainder of this Environmental Information Request response that Mountain Valley expects to submit on or before August 1, 2025)*
Winter Construction Plan

Mountain Valley Pipeline, LLC
MVP Southgate Amendment Project
Docket No. CP25-60-000

Responses to FERC Office of Energy Projects Environmental Information Request 2
Dated June 25, 2025

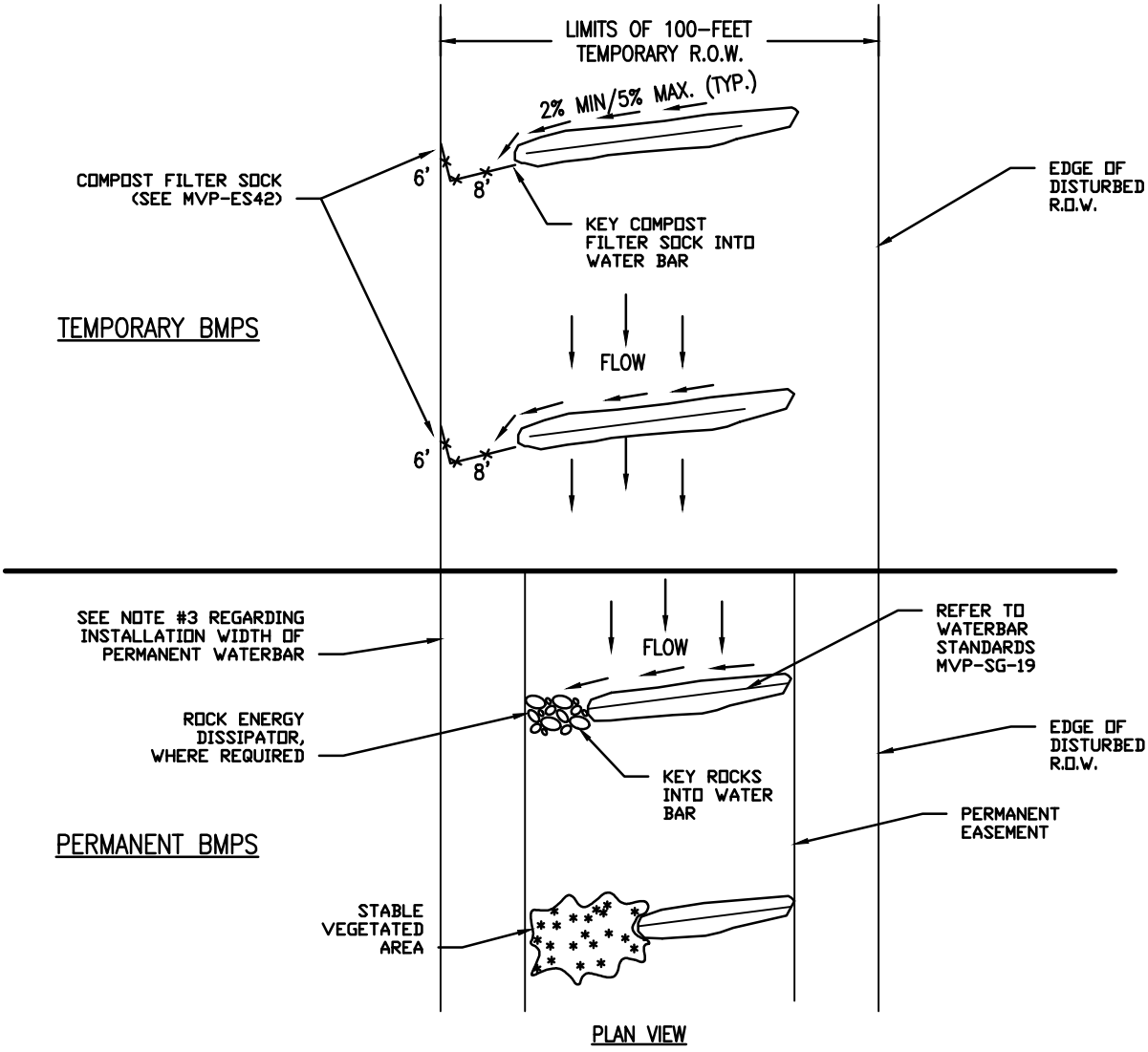
ATTACHMENT 1-2 – UPDATED ALIGNMENT SHEETS (APPENDIX 1-A)

Provided Under Separate Cover

Mountain Valley Pipeline, LLC
MVP Southgate Amendment Project
Docket No. CP25-60-000

Responses to FERC Office of Energy Projects Environmental Information Request 2
Dated June 25, 2025

ATTACHMENT 1-3 – UPDATED CONSTRUCTION TYPICAL DETAIL



PLAN VIEW

NOTES:

1. SLOPE BREAKERS SHALL BE CONSTRUCTED OF COMPACTED NATIVE SOIL AND INSTALLED AT LOCATIONS AS SHOWN ON THE CONSTRUCTION DRAWINGS OR AS DIRECTED BY THE COMPANY'S INSPECTOR.
2. SLOPE BREAKERS SHALL BE ORIENTED AS SHOWN OR OTHER PATTERN AS DIRECTED BY THE COMPANY'S INSPECTOR TO DIRECT THE WATER OFF THE R.O.W.
3. PERMANENT WATERBARS WILL BE INSTALLED IN THE 50' PERMANENT EASEMENT OR FULL WIDTH OF THE DISTURBED R.O.W., PER AGENCY REQUIREMENTS AND LANDOWNER APPROVAL.
4. THE OUTLET OF THE SLOPE BREAKER MUST FREELY DISCHARGE RUNOFF OFF FROM THE DISTURBED RIGHT-OF-WAY INTO A STABLE, WELL VEGETATED AREA OR INTO AN ENERGY DISSIPATER.

DRAWN	TSS	DATE	07/8/2025
CHECKED	TSS	DATE	07/8/2025
APP'D	CC	DATE	07/8/2025
SCALE	N.T.S.	SHEET	1 OF 1
JOB NO.			
PROJECT ID:			

Mountain Valley PIPELINE

DESIGN ENGINEERING

TYPICAL CONSTRUCTION DETAIL

SLOPE BREAKER/RIGHT-OF-WAY DIVERSION/WATERBAR

DRAWING NO.	REV.
MVP-17-SG	1

Mountain Valley Pipeline, LLC
MVP Southgate Amendment Project
Docket No. CP25-60-000

Responses to FERC Office of Energy Projects Environmental Information Request 2
Dated June 25, 2025

ATTACHMENT 1-4 – UPDATED CONSTRUCTION PLANS (APPENDIX 1-G)

Provided Under Separate Cover

Mountain Valley Pipeline, LLC
MVP Southgate Amendment Project
Docket No. CP25-60-000

Responses to FERC Office of Energy Projects Environmental Information Request 2
Dated June 25, 2025

Updated Appendix 1-G *(Provided Under Separate Cover)*

General Blasting Plan (Revised July 2025)

Upland, Erosion Control and Revegetation and Maintenance Plan (Revised July 2025)

Mountain Valley Pipeline, LLC
MVP Southgate Amendment Project
Docket No. CP25-60-000

Responses to FERC Office of Energy Projects Environmental Information Request 2
Dated June 25, 2025

ATTACHMENT 1-5 – UPDATED AGENCY CORRESPONDENCE (APPENDIX 1-I)

MVP Southgate Amendment Project
Updated Appendix 1-I
Agency Correspondence - Summary Page 1

FEDERAL ENERGY REGULATORY COMMISSION - CONTACT REPORT							
Date	**Timestamp**	**Region/Division/Office**	**Contact Name**	**Mode**	**Subject**	**Comments**	**Response**
Amendment Application Filed - February 2025							
7/2/2024	NA	FERC Office of Energy Projects	Jim Martin	Presentation	FERC Pre-Filing Meeting	Met with FERC staff in Washington, DC to discuss upcoming filing (amendment) for the MVP Southgate Amendment Project.	NA
7/11/2024	9:00AM	FERC Office of Energy Projects	Paul Friedman	Meeting Notes and Presentation	FERC Cultural Discussion	Cultural resources summary and discussion (meeting notes and presentation) with FERC on the MVP Southgate Amendment Project.	NA
Supplement #1 Filed - March 2025							
None							
EIR #2 Filed - July 2025							
None							

MVP Southgate Amendment Project
Updated Appendix 1-I
Agency Correspondence - Summary Page 2

U.S. ARMY CORPS OF ENGINEERS - CONTACT REPORT							
Date	**Timestamp**	**Region/Division/Office**	**Contact Name**	**Mode**	**Subject**	**Comments**	**Response Date**
Amendment Application Filed - February 2025							
7/19/2024	NA	USACE Norfolk and Wilmington Districts	Tom Walker and Tommy Fennel	Letter	Request for Reinitiation of Project Review and Coordination Mountain Valley, LLC – MVP Southgate Project	Reinitiating agency consultation in preparation for filing an amendment 7(c) application to FERC and reapplying for necessary federal and state permits.	NA
8/5/2024	7:30AM	USACE Norfolk and Wilmington Districts	John Tessier (NextEra), Jennifer Serafin, and Dicky Harmon	Email	MVP Southgate Request for Reinitiation	Follow up to initial email on 7/22 and request for in-person meeting to discuss the MVP Southgate Amendment Project	NA
9/5/2024	NA	USACE Norfolk and Wilmington Districts	NA (MVP presentation)	Presentation	Norfolk and Wilmington Re-introduction	Summary and introduction of MVP Southgate Amendment Project history; project changes, project overview, environmental attributes of preferred route, USACE permitting approach, alternatives, mitigation, etc.	NA
9/6/2024	NA	USACE Norfolk and Wilmington Districts	Abby Heller Leib (preparer)	Meeting Minutes	MVP Southgate Reinitiation Meeting	Meeting served as a re-introduction of the MVP Southgate Amendment Project to the USACE Wilmington and Norfolk Districts.	NA
9/18/2024	8:53AM	USACE Wilmington Dist.	Richard Harmon (Dicky)	Email	MVP Southgate - Dan River Section 10 Water	Email notes the portion of Dan River that falls under Section 10 navigable water and attached USACE'S Stream Quality Worksheet.	NA
Supplement #1 Filed - March 2025							
3/11/2025	9:49AM	USACE Norfolk and Wilmington Districts	Lori Ferry	Email	Notice of Application CP25-60	Agency notification that MVP submitted its Amendment Certificate Application to FERC	NA
EIR #2 Filed - July 2025							
11/19/2024	3:15PM	USACE Norfolk District	Jeff Van Spankeren (MVP)	Phone Memo	Information request for Projects in HUC-12 watersheds associated with MVP Southgate Project	Request for relevant project information for Cumulative Impacts Analysis	NA
4/11/2025	5:45PM	USACE Norfolk District	Steven VanderPloeg	Email	MVP Southgate Amendment Project - JPA Application	Notice of JPA Submittal to USACE Norfolk	NA
4/11/2025	5:46PM	USACE Wilmington District	Dicky Harmon	Email	MVP Southgate Amendment Project - JPA Application	Notice of JPA Submittal to USACE Wilmington	NA
4/16/2025	1:20PM	USACE Norfolk and Wilmington Districts	Steven VanderPloeg	Email	Mountain Valley Pipeline Southgate Permit Meeting	Request to discuss the JPA that was submitted on April 11 RE: EO 14156	4/16/2025
4/16/2025	NA	USACE Norfolk and Wilmington Districts	Abby Heller Leib (preparer)	Meeting Minutes	Discussion of MVP Southgate JPA Application with USACE Norfolk and Wilmington Districts RE: EO 14154	Overview of EO 14156 and discussion of how Mountain Valley would like to proceed in terms of permitting/review of the project	NA
4/18/2025	9:40AM	USACE Norfolk District	Chester Bigelow	Email	NAO-2025-00840-RDR (25-V0752) Mountain Valley Pipeline LLC/MVP Southgate Amendment Project/Pittsylvania	Receipt of request and NAO project number assignment	NA
4/21/2025	5:13PM	USACE Norfolk and Wilmington Districts	Steven VanderPloeg	Email	Mountain Valley Pipeline Southgate Permitting Procedure	Follow up on 4/16 meeting and request for information regarding EO 14156 and permitting procedure for the Amendment Project	NA
4/28/2025	1:26PM	USACE Norfolk and Wilmington Districts	Christian King, Lori Ferry, Justin Curtis (AquaLaw)	Email	FW: MVP Southgate (NAO-2018-1574; SAW-2018-0887)	Southgate project EO 14156 Designation pdf	NA
6/2/2025	3:42PM	USACE Wilmington District	Lori Ferry, Christian King, Natalie Lester (USACE)	Email	FW: SAW-2018-00887 (Mountain Valley Pipeline - Southgate / NextEra Energy / Rockingham / natural gas)	Received IP Request and project#, Richard Harmon new contact	NA

MVP Southgate Amendment Project
Updated Appendix 1-I
Agency Correspondence - Summary Page 3

U.S. FISH AND WILDLIFE SERVICE - CONTACT REPORT							
Date	**Timestamp**	**Region/Office/Division**	**Contact Name**	**Mode**	**Subject**	**Comments**	**Response Date**
Amendment Application Filed - February 2025							
10/3/2024	NA	USFWS Virginia Field Office	NA (MVP presentation)	Presentation	MVP Southgate Amendment Project FWS Re-Introduction	Project overview and changes from original; environmental attributes; prior consultation; proposed approach; surveys, outreach, schedule	NA
10/3/2024	2:00PM	USFWS Virginia Field Office	Abby Heller Leib (preparer)	Meeting Minutes	MVP Southgate Reinitiation Meeting with USFWS	Project overview and changes from original; environmental attributes; prior consultation; proposed approach; surveys, outreach, schedule	NA
10/17/2024	12:10PM	USFWS Raleigh Field Office	John Tessier (NextEra) and Pete Benjamin	Email	Mountain Valley Pipeline Southgate Project	Email to notify Pete Benjamin about sending the letter to reinitiate coordination on the MVP Southgate Project.	NA
10/18/2024	NA	USFWS Raleigh and Virginia Field Offices	Troy Anderson and Pete Benjamin	Letter	Request for Coordination and Information on Project Review and Analysis - MVP Southgate Amendment Project	Formal consultation request for Amendment Project	NA
10/29/2024	7:05AM	USFWS Raleigh and Virginia Field Offices	John Tessier (NextEra), Troy Anderson, and Pete Benjamin	Email	MVP Southgate Amendment Project Request for Coordination	Original email request for consultation/coordination and follow up link with requested attachments	NA
11/21/2024	NA	USFWS Raleigh and Virginia Field Offices	Abby Heller Leib (preparer)	Meeting Minutes	MVP Southgate Project Reinitiation Follow up and NC Field Office Introduction	See item #2 and follow ups	NA
Supplement #1 Filed - March 2025							
2/13/2025	5:12PM	USFWS Raleigh and Virginia Field Offices	Cory Chalmers	Email	Species Occurrence Data Request	Follow up on request for federally and state listed species occurrence data	NA
2/17/2025	NA	USFWS Raleigh and Virginia Field Offices	John Tessier	Letter	Mountain Valley LLC – MVP Pipeline Southgate Amendment Project, Pittsylvania County, VA, Project # 025-0003478	Response to Formal consultation request for Amendment Project	NA
3/11/2025	9:49AM	USFWS Raleigh and Virginia Field Offices	Lori Ferry	Email	Notice of Application CP25-60	Agency notification that MVP submitted its Amendment Certificate Application to FERC	NA
EIR #2 Filed - July 2025							
12/3/2024	3:45PM	USFWS Virginia Field Office	Jenn Stanhope	Email	MVP Southgate Amendment Project Request for Coordination	Email exchange and follow-up/GIS file transmittal following October 21 letter request from MVP	12/11/2024
4/14/2025	11:12AM	USFWS Virginia Field Office	Jenn Stanhope	Email	MVP Southgate Mussel Survey Study Plan Approval	Email exchange detailing mussel survey study plan submittal and approval	4/14/2025

MVP Southgate Amendment Project
Updated Appendix 1-I
Agency Correspondence - Summary Page 4

TRIBAL - CONTACT REPORT							
Date	**Timestamp**	**Tribal Nation**	**Contact Name**	**Mode**	**Subject**	**Comments**	**Response Date**
Amendment Application Filed - February 2025							
7/31/2024	8:55PM	Catawba Indian Nation	Chief Harris, Wenona Haire	Email	Project update for MVP Southgate Amendment Project in Pittsylvania County, VA and Rockingham County, NC.	Sent to determine any questions or concerns from tribe and to gage interest in future collaboration.	7/31/2024
7/31/2024	8:57PM	Chereonhaka (Nottoway) Tribe	Chief Walt "Red Hawk" Brown, Caroh "Water Blossom" Holley	Email	Project update for MVP Southgate Amendment Project in Pittsylvania County, VA and Rockingham County, NC.	Sent to determine any questions or concerns from tribe and to gage interest in future collaboration.	NA
7/31/2024	8:58PM	Cherokee Nation of Oklahoma	Principal Chief Chuck Hoskin, Elizabeth Toombs, THPO	Email	Project update for MVP Southgate Amendment Project in Pittsylvania County, VA and Rockingham County, NC.	Sent to determine any questions or concerns from tribe and to gage interest in future collaboration.	NA
7/31/2024	8:59PM	Chickahominy Tribe	Chief Stephen Adkins, Ms. Lindsey Johnson, Deputy Tribal Administrator	Email	Project update for MVP Southgate Amendment Project in Pittsylvania County, VA and Rockingham County, NC.	Sent to determine any questions or concerns from tribe and to gage interest in future collaboration.	NA
7/31/2024	9:00PM	Chickahominy Tribe, Eastern Division	Chief Gerald “Jerry” A. Stewart Ms. Penny Wynn, Tribal Administrator	Email	Project update for MVP Southgate Amendment Project in Pittsylvania County, VA and Rockingham County, NC.	Sent to determine any questions or concerns from tribe and to gage interest in future collaboration. *Email undeliverable*.	NA
7/31/2024	9:01PM	Coharie Tribe	Chief Ammie Gordon “Gordie” Greg Jacobs, Executive Director	Email	Project update for MVP Southgate Amendment Project in Pittsylvania County, VA and Rockingham County, NC.	Sent to determine any questions or concerns from tribe and to gage interest in future collaboration.	NA
7/31/2024	9:02PM	Delaware Nation	Ms. Katelyn Lucas, THPO	Email	Project update for MVP Southgate Amendment Project in Pittsylvania County, VA and Rockingham County, NC.	Sent to determine any questions or concerns from tribe and to gage interest in future collaboration.	NA
7/31/2024	9:05PM	Eastern Band of Cherokee Indians	Principal Chief Michell Hicks Mr. Russell Townsend, THPO	Email	Project update for MVP Southgate Amendment Project in Pittsylvania County, VA and Rockingham County, NC.	Sent to determine any questions or concerns from tribe and to gage interest in future collaboration.	NA
7/31/2024	9:06PM	Haliwa-Saponi Tribe	Chief Dr. Ogletree Richardson Ms. Shalene Kanseah, Tribal Administrator	Email	Project update for MVP Southgate Amendment Project in Pittsylvania County, VA and Rockingham County, NC.	Sent to determine any questions or concerns from tribe and to gage interest in future collaboration.	NA
7/31/2024	9:08PM	Lumbee Tribe	Chairman John Lowery Mr. Ricky Harris, Tribal Administrator	Email	Project update for MVP Southgate Amendment Project in Pittsylvania County, VA and Rockingham County, NC.	Sent to determine any questions or concerns from tribe and to gage interest in future collaboration.	NA
7/31/2024	9:09PM	Mattaponi Tribe	Chief Mark Custalow	Email	Project update for MVP Southgate Amendment Project in Pittsylvania County, VA and Rockingham County, NC.	Sent to determine any questions or concerns from tribe and to gage interest in future collaboration.	NA
7/31/2024	9:10PM	Meherrin Indian Tribe	Chief Jonathan Caudill, Jr. Council Chairman Billy Melton	Email	Project update for MVP Southgate Amendment Project in Pittsylvania County, VA and Rockingham County, NC.	Sent to determine any questions or concerns from tribe and to gage interest in future collaboration. *Email undeliverable*.	NA
7/31/2024	9:11PM	Monacan Indian Nation	Chief Diane Shields Mr. Adrian Compton, Tribal Administrator	Email	Project update for MVP Southgate Amendment Project in Pittsylvania County, VA and Rockingham County, NC.	Sent to determine any questions or concerns from tribe and to gage interest in future collaboration.	NA
7/31/2024	9:12PM	Nansemond Tribe	Chief Keith Anderson	Email	Project update for MVP Southgate Amendment Project in Pittsylvania County, VA and Rockingham County, NC.	Sent to determine any questions or concerns from tribe and to gage interest in future collaboration.	NA
7/31/2024	9:13PM	Nottoway Indian Tribe of Virginia	Chief Lynette Allston	Email	Project update for MVP Southgate Amendment Project in Pittsylvania County, VA and Rockingham County, NC.	Sent to determine any questions or concerns from tribe and to gage interest in future collaboration.	NA
7/31/2024	9:14PM	Occaneechi Band of the Saponi Nation	Chairman W.A. “Tony” Hayes Ms. Vickie Jeffries, Tribal Administrator	Email	Project update for MVP Southgate Amendment Project in Pittsylvania County, VA and Rockingham County, NC.	Sent to determine any questions or concerns from tribe and to gage interest in future collaboration.	9/17/2024
7/31/2024	9:15PM	Pamunkey Tribe	Chief Robert Gray	Email	Project update for MVP Southgate Amendment Project in Pittsylvania County, VA and Rockingham County, NC.	Sent to determine any questions or concerns from tribe and to gage interest in future collaboration.	NA
7/31/2024	9:16PM	Patawomeck Tribe	Chief Charles “Bootsie” Bullock Ms. Minnie M. Lightner, Tribal Administrator	Email	Project update for MVP Southgate Amendment Project in Pittsylvania County, VA and Rockingham County, NC.	Sent to determine any questions or concerns from tribe and to gage interest in future collaboration.	NA
7/31/2024	9:17PM	Rappahannock Tribe	Chief Anne Richardson	Email	Project update for MVP Southgate Amendment Project in Pittsylvania County, VA and Rockingham County, NC.	Sent to determine any questions or concerns from tribe and to gage interest in future collaboration.	NA
7/31/2024	9:18PM	Sappony Tribe	Chief Otis K. Martin Mr. Dante Desiderio, Executive Director	Email	Project update for MVP Southgate Amendment Project in Pittsylvania County, VA and Rockingham County, NC.	Sent to determine any questions or concerns from tribe and to gage interest in future collaboration.	NA
7/31/2024	9:20PM	Upper Mattaponi Tribe	Chief W. Frank Adams Mr. Reggie Tupponce, Tribal Administrator	Email	Project update for MVP Southgate Amendment Project in Pittsylvania County, VA and Rockingham County, NC.	Sent to determine any questions or concerns from tribe and to gage interest in future collaboration.	NA
7/31/2024	9:21PM	Waccamaw Sioux Tribe	Chief Rev. Mike Jacobs	Email	Project update for MVP Southgate Amendment Project in Pittsylvania County, VA and Rockingham County, NC.	Sent to determine any questions or concerns from tribe and to gage interest in future collaboration.	NA

MVP Southgate Amendment Project
Updated Appendix 1-I
Agency Correspondence - Summary Page 5

TRIBAL - CONTACT REPORT							
Date	**Timestamp**	**Tribal Nation**	**Contact Name**	**Mode**	**Subject**	**Comments**	**Response Date**
7/31/2024		Catawba Indian Nation	Wenona Haire	Email	Response to MVP Southgate Amendment Project email	We want to participate in these consultations. We also want a copy of the archaeology report. Also, since the footprint will be larger, we want an Archaeologist to be on site during the initial shovel testing.	NA
7/31/2024		Occaneechi Band of the Saponi Nation	Tony Hayes, Vickie Jeffries	Email		"Thank you and I will give you a call to discuss next steps. I will run by our council but I am sure we want to be at the table."	NA
7/31/2024		Occaneechi Band of the Saponi Nation	Mr. Hayes	Email		Thanked Mr. Hayes for responding; look forward to connecting via phone next week after he has met w/Council.	NA
8/1/2024		Catawba Indian Nation	Wenonah Haire; Caitlin Rogers	Phone	Response to MVP Southgate Amendment Project email	Thanked Ms. Haire for responding, clarified request that Catawba Nation desires 3rd party archaeologist, not company's own, conducting fieldwork. All CRAS reports should be mailed in hard copy to THPO office (at address listed).	NA
8/27/2024		Occaneechi Band of the Saponi Nation	Mr. Hayes	Email		Emailed again to see if they had additional questions or would like copies of the field studies.	NA
9/17/2024	2:37AM	Occaneechi Band of the Saponi Nation	Tony Hayes, Vickie Jeffries	Email	Response to MVP Southgate Amendment Project email	Southgate sent responses (9/16) to questions RE: safety of line, pressure sensors/monitors, and ROW. Hayes responded (9/17) with appreciation, and looked forward to hearing more as the project develops.	NA
10/10/2024	7:07PM	Occaneechi Band of the Saponi Nation	Dr. Crystal Cavelier-Keck	Email	Meeting coordination between 7 Directions of Service Health Advisory Committee and NextEra	Responded she looked forward to meeting with Shawn Day, the team's community relations lead.	NA
10/1/2024	4:00PM	Occaneechi Band of the Saponi Nation	Mr. Hayes, Ms. Vickie Jeffries	Email; phone		Wrote email to Tony and Vickie with proposed action RE: 7 Directions of Service and Dr. Crystal Cavalier. Although a Tribal member, she is the leader of the nonprofit and our team's community outreach and EJ coordinator will take lead on that meeting. Spoke w/Tony on the phone to confirm plans. Also requested that only his office (him and Vickie) receive official reports, studies, etc. related to the project. Should Dr. Cavalier request any, she knows to contact Tribal leadership. Will send cultural resource reports via email (if feasible) to avoid printing and shipping costs (Tribe's preference).	NA
9/3/2024		Occaneechi Band of the Saponi Nation	Tony Hayes, Vickie Jeffries	Zoom call		Met to overview the project, what changed, and understand the concerns of the Tribe. Notes saved to project folder of conversation.	NA
12/5/2024	2:04PM	Catawba Indian Nation	Wenonah Haire; Caitlin Rogers	Email	MVP Southgate - December update	Notice that fieldwork was delayed due to weather and request confirmation of what copies of cultural resource reports they would like to see.	NA
12/5/2024	1:59PM	Occaneechi Band of the Saponi Nation	Tony Hayes, Vickie Jeffries	Email	MVP Southgate - December update	Notice that fieldwork was delayed due to weather and update that cultural reports are pending. Request if Tribe would like to see wetland reports as well.	12/5/2024
12/5/2024	3:23PM	Occaneechi Band of the Saponi Nation	Tony Hayes, Vickie Jeffries	Email	MVP Southgate - December update	Thanks for update and request for a link to the reports when they are available	12/5/2024
12/13/2024	11:16 AM	Occaneechi Band of the Saponi Nation	Tony Hayes, Vickie Jeffries	Email	Transmittal of archaeological report and cover letter		12/13/2024
12/13/2024	12:06 PM	Occaneechi Band of the Saponi Nation	Tony Hayes	Email	Response to copy of the archaeological report	Stated would review and respond	NA
12/13/2024	11:56 AM	Occaneechi Band of the Saponi Nation	Vickie Jeffries	Email	Response to copy of the archaeological report	Stated follow up with any questions	NA

MVP Southgate Amendment Project
Updated Appendix 1-I
Agency Correspondence - Summary Page 6

TRIBAL - CONTACT REPORT							
Date	**Timestamp**	**Tribal Nation**	**Contact Name**	**Mode**	**Subject**	**Comments**	**Response Date**
12/13/2024	NA	Catawba Indian Nation	Wenonah Haire; Caitlin Rogers	Letter	Letter from Paul Webb at TRC providing copy of the NC archaeology report and site protection plans		NA
1/16/2025	1:55 PM	Catawba Indian Nation	Caitlin Rogers	Email	MVP Southgate Amendment Project - response to report	Requested that sites 31RK44 and 31RK299 be avoided.	1/16/2025
1/17/2025	8:47 AM	Catawba Indian Nation	Caitlin Rogers	Email	MVP Southgate Amendment Project - response to report	Concurrence with the avoidance plans for the requested sites (31RK44 and 31RK299)	NA
Supplement #1 Filed - March 2025							
1/21/2025	9:32AM	Occaneechi Band of the Saponi Nation	Desiree Cureton	Email	Cultural resource reports, avoidance plans, and questions.	Follow up with Occaneechi Band of the Saponi Nation	1/21/2025
2/10/2025	12:56PM	Occaneechi Band of the Saponi Nation	Desiree Cureton	Email	Cultural resource reports, avoidance plans, and questions.	Project updates	2/10/2025
EIR # 2 Filed - March 2025							
None							

VIRGINIA DEPARTMENT OF CONSERVATION AND RECREATION - CONTACT REPORT							
Date	**Timestamp**	**Region/Division/Office**	**Contact Name**	**Mode**	**Subject**	**Comments**	**Response**
Amendment Application Filed - February 2025							
7/12/2024	NA	VDCR NHP	Project Review Coordinator	Online Request	Information Services Order Form	Form sent to VDCR to request a Project review with accompanying map displaying Natural Heritage Screening Coverage.	8/29/2024 8/8/2024
8/29/2024 8/8/2024	9:41AM	VDCR NHP	Nicki Gustafson	Email and Letter	Response to Information Services Order Form	Email dated 8/29 with letter attachment dated 8/8 with response to Natural Heritage Screening coverage and Biotics Data System search results. Letter was mistakenly routed to associated agency (VDWR).	NA
8/8/2024		VDCR NHP	Rene Hypes	Email	Species Occurrence Data Request for MVP Southgate Project	Federally-Listed Species Occurrence Data Request	NA
8/8/2024		VDCR NHP	Rene Hayes	Email	Species Occurrence Data Request	State-Listed Species Occurrence Data Request	8/8/2024
8/8/2024		VDCR NHP	Rene Hayes	Email	Species Occurrence Data Request	Request for potential dates and time to provide more information about the species request.	NA
Supplement #1 Filed - March 2025							
3/11/2025	9:49AM	VDCR NHP	Lori Ferry	Email	Notice of Application CP25-60	Agency notification that MVP submitted its Amendment Certificate Application to FERC	NA
EIR #2 Filed - July 2025							
6/3/2025	NA	VDCR (Multiple Divisions)	Michael Mussomeli (DEQ), Allison Tillett (VDCR)	Memorandum	25-0752-MVP Southgate Amendment	From the Environmental Impact Review Coordinator, Division of State Parks, Soil and Water Conservation, Planning and Recreation Resources, Natural Heritage, Dam Safety and Floodplain Management, Land Conservation	NA
6/3/2025	4:44PM	VCDR, VDEQ	Michael Mussomeli (DEQ),Christian King, John Tessier (NEE)	Email	FW: 25-0752- MVP Southgate Amendment - DCR comments	Attached comments and recommendations provided by DCR regarding the JPA	NA

MVP Southgate Amendment Project
Updated Appendix 1-I
Agency Correspondence - Summary Page 8

VIRGINIA DEPARTMENT OF ENVIRONMENTAL QUALITY - CONTACT REPORT							
Date	**Timestamp**	**Region/Division/Office**	**Contact Name**	**Mode**	**Subject**	**Comments**	**Response**
Amendment Application Filed - February 2025							
8/27/2024	7:02AM	VDEQ	John Tessier (NextEra) and Rebeccah Rochet	Email and Letter	MVP Southgate Reinitiation and Meeting Request	Request for an in-person meeting to reinitiate coordination for the MVP Southgate Project.	NA
8/27/2024	7:02AM	VDEQ	John Tessier (NextEra) and Dave Davis	Email and Letter	MVP Southgate Reinitiation and Meeting Request	Request for an in-person meeting to reinitiate coordination for the MVP Southgate Project.	NA
9/20/2024	NA	VDEQ (Multiple Divisions)	NA	Presentation	MVP Southgate Re-Introduction Meeting	Meeting topics included revised project updates, environmental attributes discussion, approach to permitting, alternatives analysis, MVP mitigation plan, stakeholder outreach, ESC and SWM plans, construction schedule, discussion/questions.	NA
9/20/2024	NA	VDEQ (Multiple Divisions)	Lori Ferry	Meeting Minutes	MVP Southgate Reinitiation Meeting	See above for presentation topics.	NA
11/12/2024	3:02PM	VDEQ, Office of Wetlands and Stream Protection	Steve Hardwick	Email	VWP Individual Permit Property Access Agreements	Attached form and agreement for property access for individual permit	NA
12/10/2024	4:13 PM	Environmental Standards, Inc. and VDEQ	Ann Marie Gathright and Danielle Simms	Email	Email summary of meeting between Ann Marie, Shawn Day, and Danielle Simms at VDEQ		NA
Supplement #1 Filed - March 2025							
3/11/2025	9:49AM	VDEQ	Lori Ferry	Email	Notice of Application CP25-60	Agency notification that MVP submitted its Amendment Certificate Application to FERC	NA
EIR #2 Filed - July 2025							
11/12/2024	10:20AM	VDEQ	Beth Taylor, FOIA Coordinator	Phone Memo	Information request for Projects in HUC-12 watersheds associated with MVP Southgate Project	Request for relevant project information for Cumulative Impacts Analysis	11/12/2204
4/3/2025	NA	VDEQ	NA	Presentation	NC DEQ-Joint Permit Application Pre-Application Meeting	Overview of JPA for 404/401 individual permit and WQC; review of application and timelines	NA
4/3/2025	NA	VDEQ	Abby Heller Leib (preparer)	Meeting Minutes	MVP Southgate JPA Pre-App Meeting with Virginia Department of Environmental Quality	Overview of JPA for 404/401 individual permit and WQC; review of application and timelines	NA
4/28/2025	9:01AM	VDEQ	Steven Hardwick(VDEQ), Christian King	Email	RE: MVP Southgate Amendment JPA - Information Request	Steven Hardwick reply in 13b	16b 5/21/2025
5/1/2025	2:41PM	VDEQ	Christian King, Michael Mussomeli (VDEQ)	Email	FW:25-0752: DEQ Comment Letter 1- MVP Southgate Amendment Project	Attached DEQ's initial comment letter on the application for a DEQ VWP Individual Permit	NA
5/7/2025	NA	MVP and VDEQ	Abby Heller Leib (preparer)	Meeting Minutes	MVP Southgate Amendment VWP & ESC/SWM Check-in with Virginia DEQ		NA
5/16/2025	NA	MVP and VDEQ	Abby Heller Leib (preparer)	Meeting Minutes	VDEQ Data Request #2 and Review for Transco Feature Boundary Discrepancies		NA
5/20/2025	1:48PM	VDEQ	Christian King, Michael Mussomeli (VDEQ), Lori Ferry	Email	FW: JPA: 20250752 in Pittsylvania, Applicant: Mountain Valley Pipeline, LLC	Reference links	NA
5/21/2025	11:25AM	VDEQ	Christian King, Michael Mussomeli (VDEQ)	Email	RE: MVP Southgate Amendment JPA - Information Request	Confirming VMRC website contains only information from the JPA application. No additional requests submitted	NA
5/29/2025	11:41AM	VDEQ and USACE	Lori Ferry, Michael Mussomeli (VDEQ), John Tessier (NEE)	Email	FW: 25-0752- MVP Southgate Amendment JPA - Overlap Areas with SSEP Project	Coordinate and revise discrepancies between delineations	NA
5/30/2025	2:33PM	VDEQ	Christian King, Michael Mussomeli (VDEQ)	Email	RE: 25-0752: DEQ Comment Letter 1 - MVP Southgate Amendment Project	Final VDEQ AddInfoRequest Response May30, 2025	NA
6/3/2025	NA	VDCR (Multiple Divisions)	Michael Mussomeli (DEQ), Allison Tillett (VDCR)	Memorandum	25-0752-MVP Southgate Amendment	From the Environmental Impact Review Coordinator, Division of State Parks, Soil and Water Conservation, Planning and Recreation Resources, Natural Heritage, Dam Safety and Floodplain Management, Land Conservation	NA
6/9/2025	2:17PM	VDEQ	Christian King, Michael Mussomeli (VDEQ), Lori Ferry	Email	FW: 25-0752- MVP Southgate Amendment Project Agency Comments	Comments from VMRC and VDH	NA
6/12/2025	5:57PM	VDEQ	Christian King, Michael Mussomeli (VDEQ)	Email	FW: 25-0752- MVP Southgate Amendment Project - VWP Comment Letter No. 2	Attached comments for letter #2 and application fee	6/12/2025

MVP Southgate Amendment Project
Updated Appendix 1-I
Agency Correspondence - Summary Page 9

VIRGINIA DEPARTMENT OF ENVIRONMENTAL QUALITY - CONTACT REPORT							
Date	**Timestamp**	**Region/Division/Office**	**Contact Name**	**Mode**	**Subject**	**Comments**	**Response**
6/13/2025	2:57PM	VDEQ and USACE	Justin Curtis (AquaLaw), Michael Mussomeli (VDEQ), Abby Heller Leib	Email	MVP SG - PRM Project	Request to Discuss a PRM project option	6/14/2025
6/14/2025	10:31AM	VDEQ	Michael Mussomeli (VDEQ), Brenda Winn (VDEQ)	Email	RE: MVP SG - PRM Project	Response to meeting times	NA
6/17/2025	3:22PM	VDEQ and USACE	Steven VanderPloeg (USACE), John Tessier (NEE), Steven Hardwick (DEQ)	Email	RE: MVP SG - PRM Project - DEQ availability	Meeting coordination times	NA
6/25/2025	NA	VDEQ and USACE	NA	PowerPoint	Permittee Responsibility Mitigation Solution		NA
7/10/2025	8:11AM	VDEQ	Cory Chalmers (EQT), Michael Mussomelli (DEQ), Christian King	Email	FW: 25-0752- Wetland mapping	Reviewing discrepancies between classification of our resources and SSEP's	7/11/2025
7/11/2025	1:23:00PM	VDEQ	Cory Chalmers (EQT), Michael Mussomelli (DEQ), Christian King	Email	Fw: 25-0752- Wetland mapping	Follow up message on resolved items	NA

VIRGINIA DEPARTMENT OF HISTORIC RESOURCES (DHR - SHPO) - CONTACT REPORT							
Date	**Timestamp**	**Region/Division/Office**	**Contact Name**	**Mode**	**Subject**	**Comments**	**Response**
Amendment Application Filed - February 2025							
6/27/2024	9:35AM	VDHR and TRC	Roger W. Kirchen	Email	MVP Southgate Pipeline Project (DHR File No. 2018-3545) Meeting Request	Kick-off Meeting Request and coordination between VDHR and TRC	7/17/2024
7/17/2024	10:00AM	MVP and VDHR	Paul Webb	Meeting Minutes	MVP Southgate Meeting with Virginia SHPO Office Staff	Meeting notes from MVP Southgate meeting with VDHR: Project overview, survey areas, Virginia Historic Structures, programmatic agreement, public involvement plan.	NA
7/17/2024	4:32PM	MVP (NextEra)	Richard W. Estabrook	Email	SHPO Meeting - MVP Southgate Pipeline Project (DHR File No. 2018-3545)	Follow up from SHPO meeting with an attached copy of the Programmatic Agreement	NA
7/24/2024	9:01AM	MVP (NextEra)	Richard W. Estabrook	Email	SHPO Meeting - MVP Southgate Pipeline Project (DHR File No. 2018-3545)	SHPO meeting note transmission for SHPO review and comments	NA
8/6/2024	3:56PM	VDHR and TRC	Paul Webb	Email	DHR File No. 2018-3545 - MVP Southgate Architectural History Surveys	Email including letter providing updated information on the architectural properties for MVP Southgate Project	NA
9/16/2024	11:00AM	VDHR	Roger W. Kirchen	Phone	Virginia structures follow up	Follow up on architectural information submittal on 8/6/2024	NA
9/16/2024	10:57AM	VDHR	Roger W. Kirchen	Email	Follow up on DHR File No. 2018-3545 - MVP Southgate Architectural History Surveys	Follow up on architectural information submittal on 8/6/2024	NA
12/13/2024	NA	VDHR	Roger W. Kirchen	Letter	Mountain Valley Pipeline (MVP) Southgate Amendment Project, Pittsylvania County, Virginia (DHR File No. 2018-3545)	Submittal of Archaeological Survey Addendum 3 and resource protection plans	NA
1/9/2025	NA	VDHR	Roger W. Kirchen	Letter	Mountain Valley Pipeline (MVP) Southgate Amendment Project, Pittsylvania County, Virginia (DHR File No. 2018-3545)	Submittal of Architectural Survey Addendum 2, archival materials, and resource protection plans	NA
Supplement #1 Filed - March 2025							
3/11/2025	9:49AM	VDHR	Lori Ferry	Email	Notice of Application CP25-60	Agency notification that MVP submitted its Amendment Certificate Application to FERC	NA
3/13/2025	NA	VDHR	Paul Webb	Letter	Archeological Report Addendum 2 Comments	Archeological Report comments and concurrence (official letter as it was inadvertently never sent when the Addendum 2 report was submitted in 2020).	NA
3/13/2025	NA	VDHR	Paul Webb	Letter	Archeological Report Addendum 3 Comments	Archeological Report comments and concurrence with results	NA
3/11/2025	NA	VDHR	Paul Webb	Letter	Historic Architectural Report Addendum 2 Comments	Historic Architectural Report Comments and request for information	NA
3/14/2025	10:16AM	VHDR	Brianne Huitt-Thronton	Email	VP Southgate - Architectural Survey Addendum 2 (DHR File No. 2018-3545)	Response and questions to VHDR regarding the agency's response to the Architectural Addendum 2	NA
3/14/2025	NA	VDHR	Paul Webb	Letter	Historic Architectural Report Addendum 2 Comments	Historic Architectural Report Comments - **UPDATED** letter that supersedes the original VDHR comments on the Historic Architectural Report Addendum 2. Concurrence with findings.	NA
3/15/2025	11:00AM	VHDR	Brianne Huitt-Thronton	Phone	Virginia Structures Report Addendum 2 comments	Phone call in response to architectural report addendum 2 comments.	NA
3/19/2025	2:52PM	VDHR	Brianne Huitt-Thronton	Email	VP Southgate - Architectural Survey Addendum 2 (DHR File No. 2018-3545)	Response and questions to VHDR regarding the architectural report addendum 2	NA
EIR #2 Filed - July 2025							
None							

VIRGINIA DEPARTMENT OF WILDLIFE RESOURCES (VDWR) - CONTACT REPORT							
Date	**Timestamp**	**Region/Division/Office**	**Contact Name**	**Mode**	**Subject**	**Comments**	**Response**
Supplement #1 Filed - March 2025							
2/13/2025	1:39PM	VDWR	Cory Chalmers	Email	Scoping Instructions	Wildlife Scoping Instruction and Resource Protection Recommendations	2/24/2025
2/24/2025	2:30PM	VDWR	Cory Chalmers	Email	Scoping Instructions	Response to Wildlife Scoping Instruction and Resource Protection Recommendations request	NA
3/11/2025	9:49AM	VDHR	Lori Ferry	Email	Notice of Application CP25-60	Agency notification that MVP submitted its Amendment Certificate Application to FERC	NA
EIR #2 Filed - July 2025							
None							

OTHER VIRGINIA STATE AGENCIES - CONTACT REPORT							
Date	**Timestamp**	**Region/Division/Office**	**Contact Name**	**Mode**	**Subject**	**Comments**	**Response**
EIR #2 Filed - July 2025							
11/12/2024	3:20 PM	Virginia Department of Forestry- Forest Management Program	NA	Phone	Information Request for Projects in HUC-12 watersheds associated with the MVP Southgate Projects	Request of current or planned licensed Timbering operations within seven HUC-12 watersheds in Pittsylvania and Dansville Counties.	NA
4/11/2024	5:46PM	Virginia Marine Resources Commission	NA	Email	MVP Southgate Amendment Project - JPA Application	Notice of JPA Submittal to VMRC	NA
6/30/2025	12:30 PM	Virginia Marine Resources Commission	Claire Gorman	Email	RE: JPA #2025-0752 Additional information request	Request for coordinates of 3 VMRC crossings	6/30/2025 11:58 AM
7/3/2025	8:09AM	Virginia Department of Health- Office of Drinking Water	Elizabeth Sochacki, Kenneth Weiland (VDH)	Email	FW: Request for Wellhead Protection Area Information – Pittsylvania County, VA	Resource to find wellhead protected areas	NA

NORTH CAROLINA DEPARTMENT OF ENVIRONMENTAL QUAILITY - CONTACT REPORT							
Date	**Timestamp**	**Region/Division/Office**	**Contact Name**	**Mode**	**Subject**	**Comments**	**Response**
Amendment Application Filed - February 2025							
8/27/2024	8:27AM	NextEra to NCDEQ	John Tessier	Email	MVP Southgate NCDEQ Meeting Request	Meeting request with NCDEQ to reintroduction the project with NCDEQ Staff and discuss the plans for moving forward with the proposed project.	9/6/2024
9/19/2024	NA	MVP	NA	Presentation	MVP Southgate North Carolina DEQ Re-Introduction (Winston-Salem, NC)	Powerpoint presentation from NCDEQ meeting	NA
9/19/2024	NA	MVP and NCDEQ	Lori Ferry	Meeting Minutes	MVP Southgate North Carolina DEQ Re-Introduction (Winston-Salem, NC)	Notes from NCDEQ reinitation meeting	NA
9/19/2024	NA	MVP and NCDEQ	David Lambery	Meeting Minutes	MVP Southgate North Carolina DEQ Re-Introduction (Winston-Salem, NC)	Notes from NCDEQ reinitation meeting	NA
9/26/2024	4:48 PM	NCDEQ	David Lambery	Email	Copy of NCDEQ Meeting Minutes from agency	Notes from NCDEQ reinitation meeting	NA
Supplement #1 Filed - March 2025							
3/11/2025	9:49AM	NCDEQ	Lori Ferry	Email	Notice of Application CP25-60	Agency notification that MVP submitted its Amendment Certificate Application to FERC	NA
EIR #2 Filed - July 2025							
11/11/2024	3:40PM	MVP and NCDEQ	Paul Williams, Winston-Salem Regional Office	Phone Memo	Information request for Projects in HUC-12 watersheds associated with MVP Southgate Project	Request for relevant project information for Cumulative Impacts Analysis	11/11/2024
4/10/2025	NA	NCDEQ	NA	Presentation	NC DEQ-Joint Permit Application Pre-Application Meeting	Overview of JPA for 404/401 individual permit and WQC; review of application and timelines	NA
4/10/2025	NA	NCDEQ	Abby Heller Leib (preparer)	Meeting Minutes	MVP Southgate JPA Pre-App Meeting with NC Department of Environmental Quality	Overview of JPA for 404/401 individual permit and WQC; review of application and timelines	NA
5/1/2025	NA	NCDEQ	John Tessier, Sue Homewood, Samantha, Wooten	Meeting Minutes	NCDEQ 401 WQC Submittal Check-In	Telephone/Personal Conversation Report	NA
5/13/2025	10:07AM	NCDEQ	Christian King, Sue Homewood (NCDEQ)	Email	FW: ICI Policy	ICI Policy , overview of application to prepare for submittal	NA
5/30/2025	NA	MVP and NCDEQ	Lori Ferry	Submittal	Project Submittal Interim Form, Modification/New Project with Existing ID	for the Southgate Amendment Project	NA
6/4/2025	3:38PM	NCDEQ	NA	Email	Fee Request for Southgate Amendment Project ID # 20181638 Ver 4 on 6/4/2025	Fee Request NC Division of Water Resources	NA
6/6/2025	11:19AM	MVP and NCDEQ	Corey Williams, Christian King	Email	Re: [External] MVP Southgate Amendment Project - North Carolina Shapefiles	Attatched NIP folder containing Shapefiles for Southgate Amendment Project in NC	NA
6/6/2025	1:06PM	NCDEQ	Lori Ferry, Christian King	Email	FW: Fee Received for Southgate Amendment Project ID # 20181638 Ver 4	NC Division of Water Resources, Southgate project# and reviewer contact information	NA
6/6/2025	4:14PM	MVP and NCDEQ	David Lambert (NCDEQ), John Tessier (NEE)	Email	Shape files	Shape files of MVP Southgate to be sent to Cory Williams	NA
6/23/2025	12:11PM	NCDEQ	Lori Ferry, Christian King, Sue Homewood (NCDEQ)	Email	FW: Project Notification for ID 20181638 Ver 4 for Southgate Amendment Project	Received application request	NA
6/26/2025	10:42AM	NCDEQ	Lori Ferry, Caroline Baker (NCDEQ)	Email	FW: RE: Southgate Amendment Project Files	Resubmission of files in smaller pdf form	NA
7/8/2025	10:20AM	NCDEQ	Christian King, Sue Homewood (NCDEQ)	Email	FW: shape file	Sending shapefile to NCDEQ for proposed LOD	NA

NORTH CAROLINA STATE HISTORICAL PRESERVATION OFFICE (SHPO) - CONTACT REPORT							
Date	**Timestamp**	**Region/Division/Office**	**Contact Name**	**Mode**	**Subject**	**Comments**	**Response**
Amendment Application Filed - February 2025							
7/15/2024	11:39AM	TRC to NC HPO	Paul Webb	Email	ER 18-1041 MVP Southgate Pipeline Project Meeting Request (Coordination between 6/25-7/15)	Request to have kickoff meeting regarding the MVP Southgate Amendment project with NC HPO and Renee Gledhill-Earley to discuss the required cultural resources work	7/15/2024
7/16/2024	2:00PM	MVP and NC HPO	Paul Webb	Meeting Minutes	MVP Southgate Project Meeting Minutes	MVP Southgate Project restart meeting with North Carolina HPO Office Staff	NA
7/24/2024	9:01AM	MVP (NextEra)	Richard W. Estabrook	Email	MVP Southgate NC Cultural	Follow up from NC HPO meeting with meeting minutes for review	7/25/2024
7/25/2024	2:39PM	NC HPO	Renee Gledhill-Earley	Email	MVP Southgate NC Cultural	Response to meeting minutes transmission; confirmation records were accurate and filed accordingly	NA
12/5/2024	NA	TRC to NC HPO	Paul Webb	Letter	MVP Southgate Project (Amendment Project), Rockingham County, North Carolina, ER 18-1041	Cover letter submitting Phase I archaeological survey, protection plans, two site forms, and shapefiles. Request for concurrence.	NA
12/6/2024	NA	TRC to NC HPO	Renee Gledhill-Earley	Letter	MVP Southgate Project (Amendment Project), Rockingham County, North Carolina, ER 18-1042	Submittal of Architectural Survey Addendum 3 and electronic files	1/16/2025
1/16/2025	NA	NC HPO	Renee Gledhill-Earley for Ramona Bartos	Letter	MVP Southgate Project, Construct Interstate Pipeline, FERC PF18-4, Multi County, ER 18-1041	Concurrence with assessment submitted on December 6, 2024.	NA
Supplement #1 Filed - March 2025							
2/12/2025	NA	NC HPO	Paul Webb	Letter	MVP Southgate Project, Construct Interstate Pipeline, FERC PF18-4, Multiple Counties, ER 18-1041	Concurrence with letter submitted on December 5, 2024.	NA
3/11/2025	9:49AM	NC HPO	Lori Ferry	Email	Notice of Application CP25-60	Agency notification that MVP submitted its Amendment Certificate Application to FERC	NA
EIR #2 Filed - July 2025							
6/20/2025	NA	NCHPO to USACE	Steven VanderPloeg (USACE), Ramona Bartos (NCHPO)	Letter	Re: EO14156 Review: MVP Southgate Project, Construct Interstate Pipeline, FERC PF18-4, Alamance, Caswell, Guilford, Rockingham County, NAO-2018-1574 (VMRC 25-0752), SAW-2018-00887, ER 18-1041	Followup to email on 4/30/2025. Note that with this submission request, the Corps is deferring all Section 106 responsibility to the lead federal agency, the Federal Energy Regulatory Commission.	NA
6/20/2025	NA	NCHPO to FERC	Debbie-Anne Reese (FERC), Ramona Bartos (NCHPO)	Letter	MVP Southgate Project, Construct Interstate Pipeline, FERC PF18-4, Rockingham County, NAO-2018-1574 (VMRC 25-0752), SAW-2018-00887, ER 18-1041	Follow-up to email on 5/22/2025. Comments on FERC notice of scoping	NA

NORTH CAROLINA NATURAL HERITAGE PROGRAM - CONTACT REPORT							
Date	**Timestamp**	**Region/Division/Office**	**Contact Name**	**Mode**	**Subject**	**Comments**	**Response**
Amendment Application Filed - February 2025							
6/26/2024	NA	NCNHP	Misty Buchanan	Letter	NCNHP Database Review Letter	Letter to Patrick Meier RE: NCNHP database request NCNHDE-26510	NA
8/8/2024	12:15PM	NCNHP	Misty Buchanan	Email	State-Listed Species Occurance Data Request	Request for all modern occurance data for state-listed species in NC in relevant proximity to the Project	NA
8/8/2024	12:10PM	NCNHP	Misty Buchanan	Email	Federally-Listed Species Occurance Data Request	Request for all modern occurance data for federally-listed species in NC in relevant proximity to the Project	8/8/2024
8/8/2024	1:16PM	NCNHP	Lauren Schlosser	Email	MVP Southgate Project - NC Listed Species Information	Request for account creation and username setup with the NHDE	8/8/2024
8/12/2024	7:23AM	NCNHP	Lauren Schlosser	Email	MVP Southgate Project - NC Listed Species Information	Custom GIS data request for species occurrence data	8/8/2024
8/12/2024	9:46AM	NCNHP	Mitchell East	Email	New Custom Data Request	Data upload to the NHDE portal for download for species occurrence data	NA
8/13/2024	9:43AM	NCNHP	NA	Email	Data request completion	Confirmation of species occurrence data upload completion	NA
Supplement #1 Filed - March 2025							
3/11/2025	9:49AM	NCNHP	Lori Ferry	Email	Notice of Application CP25-60	Agency notification that MVP submitted its Amendment Certificate Application to FERC	NA
3/20/2025	12:22PM	NCHP	Lori Ferry	Email	Rockingham County Tier 1 EO for MVP	Request from NCNHP confirming no additional information from their office is needed.	NA
EIR #2 Filed - July 2025							
None							

NORTH CAROLINA WILDLIFE RESOURCE COMMISSION - CONTACT REPORT							
Date	**Timestamp**	**Region/Division/Office**	**Contact Name**	**Mode**	**Subject**	**Comments**	**Response**
Amendment Application Filed - February 2025							
12/23/2024	1:55 PM		Lori Ferry to Van Stancil and Olivia Munzer	Email and Letter	Species Occurrence Data Request	Follow up on NCDEQ meeting with request for species occurrence data outside of what NCNHP provided	NA
Supplement #1 Filed - March 2025							
2/13/2025	4:28 PM	NCWRC	Cory Chalmers to Olivia Munzer and Van Stancil	Email	Species Occurrence Data Request	Follow up on request for federally and state listed species occurrence data	2/14/2025
2/14/2025	4:01PM	NCWRC	Olivia Munzer to Lori Ferry	Email	Species Occurrence Data Request	Environmental review for the Project	NA
3/11/2025	9:49AM	NCWRC	Lori Ferry	Email	Notice of Application CP25-60	Agency notification that MVP submitted its Amendment Certificate Application to FERC	NA
2/14/2025	NA	NCWRC	Lori Ferry	Email and Letter	Environmental Review for the Mountain Valley Pipeline, LLC – MVP Southgate Amendment Project in Rockingham County, North Carolina.	Comments provided in accordance with provisions of the Clean Water Act of 1977 and Fish and Wildlife Coordination Act Wildlife Coordination Act	NA
EIR #2 Filed - July 2025							
None							

OTHER NORTH CAROLINA STATE AGENCIES - CONTACT REPORT							
Date	**Timestamp**	**Region/Division/Office**	**Contact Name**	**Mode**	**Subject**	**Comments**	**Response**
EIR #2 Filed - July 2025							
11/12/2024	3:20PM	North Carolina Forest Service - Rockingham County Office	Zachary Jones, County Ranger	Phone Memo	Information request for Projects in HUC-12 watersheds associated with MVP Southgate Project	Request for relevant project information for Cumulative Impacts Analysis	11/13/2024
7/14/2025	3:16 PM	NRCS Reidsville Service Center	Matthew Wells	Email	NRCS Prime Farmland Conversion Coordination Request	Requesting the NRCS Reidsville Service Center provide comments and/or recommendations for the proposed conversion of prime farmland or farmland of statewide importance in North Carolina	NA

LOCAL GOVERNMENT - CONTACT REPORT							
Date	**Timestamp**	**Organization**	**Contact Name**	**Mode**	**Subject**	**Comments**	**Response**
Amendment Application Filed - February 2025							
12/6/2024	NA	City of Danville, Virginia	Kenneth C. Gillie, Jr.	Letter	MVP Southgate Amendment Project (update letter)	Updates regarding the proposed MVP Amendment Project/changes and request input under the NHPA	NA
Supplement #1 Filed - March 2025							
None							
EIR #2 Filed - July 2025							
11/25/2024	NA	Pittsylvania County, Virginia	Stephanie Adams, FOIA Officer	Letter	FOIA Request - Pittsylvania County	Request for relevant project information for Cumulative Impacts Analysis	11/27/2024
11/25/2024	NA	Rockingham County, North Carolina	Derek Southern, FOIA Officer	Letter	FOIA Request - Rockingham County	Request for relevant project information for Cumulative Impacts Analysis	NA
11/27/2024	NA	Pittsylvania County, Virginia	Stephanie Adams, FOIA Officer	Letter	Virginia FOIA Request Response	Denial of FOIA request per Virginia Code-out of state request and not representing media in Virginia	NA
4/9/2205	9:07AM	Pittsylvania County, Virginia	Dave Arnold	Letter	FOIA Request - Pittsylvania County	New request for relevant project information for Cumulative Impacts Analysis	NA
4/11/2025	11:00AM	Pittsylvania County, Virginia	Dave Arnold and Emily Ragsdale	Meeting notes	FOIA Request - Pittsylvania County	Summary of call regarding the former and upcoming FOIA request; additional information will be provided and the letter is being sent on behalf of MVP Southgate	NA
4/25/2025	NA	Pittsylvania County FOIA	Heidi Jones	Email and Letter	Re: Virginia FOIA Request Response/Cost Estimate	Estimate cost for records requested with the VA FOIA	NA
45783	12:00PM	Rockingham County, MVP	Aubree Zenone, Derek Southern (County)	Meeting Minutes	FOIA Request- Rockingham County- MVP Southgate Amendment Project	Meeting to outline best approach for Rockingham County to provide requested information in a timely fashion.	NA

NON-GOVERNMENTAL ORGANIZATIONS - CONTACT REPORT							
Date	**Timestamp**	**Organization**	**Contact Name**	**Mode**	**Subject**	**Comments**	**Response**
Amendment Application Filed - February 2025							
12/6/2024	NA	Afro-American Historical and Genealogical Society of North Carolina, Inc.	TRC to North Carolina Piedmont Triad Chapter	Letter	MVP Southgate Amendment Project (update letter)	Updates regarding the proposed MVP Amendment Project/changes and request input under the NHPA	NA
12/6/2024	NA	Eden Historic Preservation Commission	Debra Galloway, Planner	Letter	MVP Southgate Amendment Project (update letter)	Updates regarding the proposed MVP Amendment Project/changes and request input under the NHPA	NA
12/6/2024	NA	Rockingham County Historical Society	Coy J. Idol	Letter	MVP Southgate Amendment Project (update letter)	Updates regarding the proposed MVP Amendment Project/changes and request input under the NHPA	NA
12/6/2024	NA	Pittsylvania Historical Society	William Guerrant	Letter	MVP Southgate Amendment Project (update letter)	Updates regarding the proposed MVP Amendment Project/changes and request input under the NHPA	NA
12/6/2024	NA	Virginia-North Carolina Piedmont Genealogical Society	William Guerrant	Letter	MVP Southgate Amendment Project (update letter)	Updates regarding the proposed MVP Amendment Project/changes and request input under the NHPA	NA
12/6/2024	NA	Alamance County Historic Properties Commission	Mr. Rodney Cheek, Chair	Letter	MVP Southgate Amendment Project (update letter)	Updates regarding the proposed MVP Amendment Project/changes -- no longer in Alamance County	NA
12/6/2024	NA	Textile Heritage Museum		Letter	MVP Southgate Amendment Project (update letter)	Updates regarding the proposed MVP Amendment Project/changes -- no longer in Alamance County	NA
12/6/2024	NA	Alamance County Historical Museum	Dr. William Murray Vincent, Director	Letter	MVP Southgate Amendment Project (update letter)	Updates regarding the proposed MVP Amendment Project/changes -- no longer in Alamance County	NA
12/6/2024	NA	Graham Historical Museum Advisory Board	Ms. Noell Purcell, Secretary	Letter	MVP Southgate Amendment Project (update letter)	Updates regarding the proposed MVP Amendment Project/changes -- no longer in Alamance County	NA
12/6/2024	NA	Haw River Historical Association		Letter	MVP Southgate Amendment Project (update letter)	Updates regarding the proposed MVP Amendment Project/changes -- no longer in Alamance County	NA
12/6/2024	NA	Mebane Historical Society		Letter	MVP Southgate Amendment Project (update letter)	Updates regarding the proposed MVP Amendment Project/changes -- no longer in Alamance County	NA
Supplement #1 Filed - March 2025							
None							
EIR #2 Filed - July 2025							
None							

U.S. Army Corps of Engineers
Norfolk and Wilmington Districts

TELEPHONE /PERSONAL CONVERSATION REPORT

PROJECT NAME:	MVP Southgate Pipeline Project
MVP TEAM CALLER:	Jeff Van Spankeren
CONVERSATION WITH:	
AGENCY:	USACE Norfolk Office Regulatory Office
EMAIL ADDRESS:	
PHONE NUMBER:	336-634-3021
SUBJECT:	Information request for Projects in HUC-12 Watersheds associated with MVP Southgate Projects
DATE AND TIME:	November 19, 2024 15:15

SUMMARY OF CONVERSATION:

Initial Call – sent to voicemail

JV: Hi, my name is Jeff Van Spankeren, we are pulling together a Cumulative Impacts Analysis for an Individual Permit Application for a pipeline project that runs through Rockingham County. For this CIA, we need information on Projects in three HUC-12 watersheds; Cascade Creek, Trotter's Creek-Dan River, and Sandy Creek-Dan River.

I would be happy to send the watershed boundaries and Project information in an email if that would be useful. If there are any publicly available resources, I am happy to consult those as well if you can point me to them. We have a pretty quick turnaround on this, so any help is greatly appreciated.

Outlook

MVP Southgate Amendment Project - JPA Application

From King, Christian M <cmking2@burnsmcd.com>
Date Fri 2025-04-11 5:45 PM
To VanderPloeg, Steven A CIV USARMY CENAO (USA) <Steven.A.Vanderploeg@usace.army.mil>
Cc Ferry, Lori M <lmferry@burnsmcd.com>; Heller Leib, Abigail (Abby) <ahellerleib@burnsmcd.com>; John.Tessier@nee.com <John.Tessier@nee.com>; Sabol, James <james.sabol@eqt.com>; Jeffrey.Klinefelter@eqt.com <Jeffrey.Klinefelter@eqt.com>

Thanks for sending the SAFE link, Steven. We have uploaded the JPA application to the link you provided.

Please let us know if you have any questions or require additional information.

Thank you,
Christian

From: VanderPloeg, Steven A CIV USARMY CENAO (USA) <Steven.A.Vanderploeg@usace.army.mil>
Sent: Friday, April 11, 2025 5:23 PM
To: King, Christian M <cmking2@burnsmcd.com>
Cc: Ferry, Lori M <lmferry@burnsmcd.com>; Heller Leib, Abigail (Abby) <ahellerleib@burnsmcd.com>; John.Tessier@nee.com; Sabol, James <james.sabol@eqt.com>; Jeffrey.Klinefelter@eqt.com
Subject: RE: MVP Southgate Amendment Project - PJD Request Norfolk District

Thanks, Christian.

Steven VanderPloeg
Environmental Scientist
US Army Corps of Engineers, Norfolk District
Western Virginia Regulatory Section
9100 Arboretum Parkway, Suite 235
Richmond, VA 23236
(804) 397-9836

From: King, Christian M <cmking2@burnsmcd.com>
Sent: Wednesday, April 9, 2025 1:05 PM
To: VanderPloeg, Steven A CIV USARMY CENAO (USA) <Steven.A.Vanderploeg@usace.army.mil>
Cc: Ferry, Lori M <lmferry@burnsmcd.com>; Heller Leib, Abigail (Abby) <ahellerleib@burnsmcd.com>; John.Tessier@nee.com; Sabol, James <james.sabol@eqt.com>; Jeffrey.Klinefelter@eqt.com
Subject: [Non-DoD Source] RE: MVP Southgate Amendment Project - PJD Request Norfolk District

Hi Steven,

Following our discussion, please see the following link for an updated figure that removes the features determined to be non-jurisdictional during the site visit. These include the following:

- OW-A001 – previously page 1
- OW-A002 – previously page 2

- W-A061 – previously page 105

MVP Southgate Amendment Project - PJD Request Norfolk District

Please let me know if you need any additional information.

Thanks,
Christian

From: King, Christian M
Sent: Wednesday, March 19, 2025 2:32 PM
To: Vanderploeg, Steven A CIV USARMY CENAO (USA) <Steven.A.Vanderploeg@usace.army.mil>
Cc: Ferry, Lori M <lmferry@burnsmcd.com>; Heller Leib, Abigail (Abby) <ahellerleib@burnsmcd.com>; John.Tessier@nee.com; Sabol, James <james.sabol@eqt.com>; Jeffrey.Klinefelter@eqt.com
Subject: RE: MVP Southgate Amendment Project - PJD Request Norfolk District

Hi Steven,

Please see the following link for an updated PDF figure showing the revised wetland and stream boundaries following the PJD site visit.

MVP Southgate Amendment Project - PJD Request Norfolk District

Would you be able to provide a DoD safe link to upload the figure as well?

Thank you,
Christian

From: King, Christian M
Sent: Thursday, February 20, 2025 4:43 PM
To: Vanderploeg, Steven A CIV USARMY CENAO (USA) <Steven.A.Vanderploeg@usace.army.mil>
Cc: Ferry, Lori M <lmferry@burnsmcd.com>; Heller Leib, Abigail (Abby) <ahellerleib@burnsmcd.com>; John.Tessier@nee.com; Sabol, James <james.sabol@eqt.com>; Jeffrey.Klinefelter@eqt.com
Subject: RE: MVP Southgate Amendment Project - PJD Request Norfolk District

Hi Steven,

Following up on the PJD site visit next week, please see attached here for shapefiles and a KMZ of the updated wetland and stream boundaries for Virginia. We are updating a PDF figure of the wetlands and streams and can email that and bring a paper copy to the site visit next week. Please let us know if you need any additional information prior to the site visit.

Thanks,
Christian

From: Vanderploeg, Steven A CIV USARMY CENAO (USA) <Steven.A.Vanderploeg@usace.army.mil>
Sent: Monday, January 27, 2025 8:33 AM
To: King, Christian M <cmking2@burnsmcd.com>
Cc: Ferry, Lori M <lmferry@burnsmcd.com>; Heller Leib, Abigail (Abby) <ahellerleib@burnsmcd.com>; John.Tessier@nee.com; Sabol, James <james.sabol@eqt.com>; Jeffrey.Klinefelter@eqt.com
Subject: RE: MVP Southgate Amendment Project - PJD Request Norfolk District

Thanks Christian. I will send you a safe link in just a sec and get with you this week to schedule a site visit.

Thanks,

Steven

Steven VanderPloeg
Environmental Scientist
US Army Corps of Engineers, Norfolk District
Western Virginia Regulatory Section
9100 Arboretum Parkway, Suite 235
Richmond, VA 23236
(804) 397-9836

From: King, Christian M <cmking2@burnsmcd.com>
Sent: Friday, January 24, 2025 5:43 PM
To: Vanderploeg, Steven A CIV USARMY CENAO (USA) <Steven.A.Vanderploeg@usace.army.mil>
Cc: Ferry, Lori M <lmferry@burnsmcd.com>; Heller Leib, Abigail (Abby) <ahellerleib@burnsmcd.com>; John.Tessier@nee.com; Sabol, James <james.sabol@eqt.com>; Jeffrey.Klinefelter@eqt.com
Subject: [Non-DoD Source] MVP Southgate Amendment Project - PJD Request Norfolk District

Hi Steven,

We are submitting this request for a Preliminary Jurisdictional Determination for the proposed MVP Southgate Amendment Project.
Please see the link below which includes a cover letter, the Norfolk District pre-application/jurisdictional determination request form, wetland delineation report site information summary form, and wetland delineation report.

MVP Southgate Amendment Project - PJD Request Norfolk District

Please let us know if you have any questions during your review or if you would like for us to upload the files to a DoD SAFE link.

Thank you,

Christian King, PWS \ Burns & McDonnell
Staff Environmental Scientist \ Environmental Services
O 816-782-6028 \ **M** 317-416-6128
cmking2@burnsmcd.com \ burnsmcd.com
200 West Adams Street, Suite 2700 \ Chicago, IL 60606

Outlook

RE: MVP Southgate Amendment Project Individual Permit Application - DoD SAFE Link Request

From King, Christian M <cmking2@burnsmcd.com>
Date Fri 2025-04-11 5:46 PM
To Harmon, Richard G CIV (USA) <Richard.G.Harmon@usace.army.mil>
Cc Ferry, Lori M <lmferry@burnsmcd.com>; Heller Leib, Abigail (Abby) <ahellerleib@burnsmcd.com>; Sabol, James <james.sabol@eqt.com>; Tessier, John <john.tessier@nee.com>; Klinefelter, Jeffrey <jeffrey.klinefelter@eqt.com>; Bailey, David E CIV USARMY CESAW (USA) <David.E.Bailey2@usace.army.mil>

Hi Dicky,

Thanks for providing the DoD Safe link. We have uploaded the IP application to the link you provided.

Please let us know if you have any questions or require any additional information.

Thank you,
Christian

From: Harmon, Richard G CIV (USA) <Richard.G.Harmon@usace.army.mil>
Sent: Friday, April 11, 2025 7:06 AM
To: King, Christian M <cmking2@burnsmcd.com>
Cc: Ferry, Lori M <lmferry@burnsmcd.com>; Heller Leib, Abigail (Abby) <ahellerleib@burnsmcd.com>; Sabol, James <james.sabol@eqt.com>; Tessier, John <john.tessier@nee.com>; Klinefelter, Jeffrey <jeffrey.klinefelter@eqt.com>; Bailey, David E CIV USARMY CESAW (USA) <David.E.Bailey2@usace.army.mil>
Subject: RE: MVP Southgate Amendment Project Individual Permit Application - DoD SAFE Link Request

Good morning, Christian:

You should receive an email from DoD Safe with instructions regarding the upload of the MVP Southgate Amendment Project IP application and supporting documents within 4 hours.

Please let me and David Bailey know if you have issues with uploading the application.

Regards,

Richard G. “Dicky” Harmon, PWS
Regulatory Specialist, Raleigh Field Office
U.S. Army Corps of Engineers – Wilmington District
CE-SAW-RG-R
3331 Heritage Trade Drive, Suite 105
Wake Forest, North Carolina 27587
Phone: 919.801.8990
Email: Richard.g.harmon@usace.army.mil

From: King, Christian M <cmking2@burnsmcd.com>
Sent: Thursday, April 10, 2025 3:47 PM
To: Harmon, Richard G CIV (USA) <Richard.G.Harmon@usace.army.mil>
Cc: Ferry, Lori M <lmferry@burnsmcd.com>; Heller Leib, Abigail (Abby) <ahellerleib@burnsmcd.com>; Sabol, James <james.sabol@eqt.com>; Tessier, John <john.tessier@nee.com>; Klinefelter, Jeffrey <jeffrey.klinefelter@eqt.com>; Bailey, David E CIV USARMY CESAW (USA) <David.E.Bailey2@usace.army.mil>
Subject: [Non-DoD Source] MVP Southgate Amendment Project Individual Permit Application - DoD SAFE Link Request

Hi Dicky,

Following our phone conversation, I'm reaching out to request a DoD SAFE link to submit the Individual Permit Application for the MVP Southgate Amendment Project.

Thank you,

Christian King, PWS \ Burns & McDonnell
Staff Environmental Scientist \ Environmental Services
O 816-782-6028 \ **M** 317-416-6128
cmking2@burnsmcd.com \ burnsmcd.com
200 West Adams Street, Suite 2700 \ Chicago, IL 60606

Outlook

RE: Mountain Valley Pipeline South Gate Permit Meeting.

From VanderPloeg, Steven A CIV USARMY CENAO (USA) <Steven.A.Vanderploeg@usace.army.mil>
Date Wed 2025-04-16 1:20 PM
To Tessier, John <John.Tessier@nee.com>; King, Christian M <cmking2@burnsmcd.com>; Ferry, Lori M <lmferry@burnsmcd.com>
Cc Jeffrey.Klinefelter@eqt.com <Jeffrey.Klinefelter@eqt.com>; Heller Leib, Abigail (Abby) <ahellerleib@burnsmcd.com>; Sabol, James <james.sabol@eqt.com>; justin@aqualaw.com <justin@aqualaw.com>; Prisco-Baggett, Kimberly A CIV USARMY USACE (USA) <Kimberly.A.Prisco-Baggett@usace.army.mil>; Harmon, Richard G CIV (USA) <Richard.G.Harmon@usace.army.mil>; Bailey, David E CIV USARMY CESAW (USA) <David.E.Bailey2@usace.army.mil>

4:00 should work for the Corps team. I am OK with MVP South Gate's counsel being on the call.

I just sent the meeting request. Please let me know if you did not receive it.

Thanks,

Steven

Steven VanderPloeg
Environmental Scientist
US Army Corps of Engineers, Norfolk District
Western Virginia Regulatory Section
9100 Arboretum Parkway, Suite 235
Richmond, VA 23236
(804) 397-9836

From: Tessier, John <John.Tessier@nee.com>
Sent: Wednesday, April 16, 2025 1:48 PM
To: VanderPloeg, Steven A CIV USARMY CENAO (USA) <Steven.A.Vanderploeg@usace.army.mil>; King, Christian M <cmking2@burnsmcd.com>; Ferry, Lori M <lmferry@burnsmcd.com>
Cc: Jeffrey.Klinefelter@eqt.com; Heller Leib, Abigail (Abby) <ahellerleib@burnsmcd.com>; Sabol, James <james.sabol@eqt.com>; justin@aqualaw.com; Prisco-Baggett, Kimberly A CIV USARMY USACE (USA) <Kimberly.A.Prisco-Baggett@usace.army.mil>; Harmon, Richard G CIV (USA) <Richard.G.Harmon@usace.army.mil>; Bailey, David E CIV USARMY CESAW (USA) <David.E.Bailey2@usace.army.mil>
Subject: [Non-DoD Source] RE: Mountain Valley Pipeline South Gate Permit Meeting.

Steven,

We could jump on a call with you at 4pm today if you would like. Would it be ok if our counsel joined the call as well?

Thanks,

John Tessier
Environmental Services Manager
Environmental Services Department

NextEra Energy
700 Universe Blvd
Juno Beach, FL 33408

Office: 561-694-4131
John.tessier@nee.com

Join our team! We have exciting opportunities available on our environmental team:
NextEra Energy Careers | Home
Keyword: Environmental

From: VanderPloeg, Steven A CIV USARMY CENAO (USA) <Steven.A.Vanderploeg@usace.army.mil>
Sent: Wednesday, April 16, 2025 12:51 PM
To: King, Christian M <cmking2@burnsmcd.com>; Ferry, Lori M <lmferry@burnsmcd.com>
Cc: Jeffrey.Klinefelter@eqt.com; Tessier, John <John.Tessier@nee.com>; Heller Leib, Abigail (Abby) <ahellerleib@burnsmcd.com>; Sabol, James <james.sabol@eqt.com>; justin@aqualaw.com; Prisco-Baggett, Kimberly A CIV USARMY USACE (USA) <Kimberly.A.Prisco-Baggett@usace.army.mil>; Harmon, Richard G CIV (USA) <Richard.G.Harmon@usace.army.mil>; Bailey, David E CIV USARMY CESAW (USA) <David.E.Bailey2@usace.army.mil>; VanderPloeg, Steven A CIV USARMY CENAO (USA) <Steven.A.Vanderploeg@usace.army.mil>
Subject: Mountain Valley Pipeline South Gate Permit Meeting.

Good afternoon, all.

The Norfolk District and Wilmington District Corps of Engineers are in receipt of the standard permit application for the Mountain Valley Pipeline – South Gate Project (NAO-2018-1574, SAW-2018-0887). It is the Corps understanding that there is a possibility that Mountain Valley Pipeline LLC is considering not pursuing the authorization for this project under the emergency processing procedures in 33 CFR § 325.2(e)(4), for the National Energy Emergency established under Executive Order 14156, and instead requesting that the project be processed normally as a Standard Permit. The Corps would like to meet as soon as possible with the MVP South Gate team to discuss the applicants preferred path forward, some details of current application, and the processes for the permitting the project under the emergency processing procedures. The timelines that are specified in the emergency permitting procedures for projects that are subject to the Executive Order place short timelines on the public notice issuance and the permit issuance, so to adhere to these timelines the Corps would like to meet this afternoon if at all possible. If this afternoon is not a possibility for the MVP South Gate team, then we can be available tomorrow morning. I can set up a TEAMS meeting once we establish a time that works for everyone.

The Corps is available today from 1:00 – 2:30 and after 3:00. Please let me know if any of those times work for the MVP South Gate team.

V/r

Steven

Steven VanderPloeg
Environmental Scientist
US Army Corps of Engineers, Norfolk District
Western Virginia Regulatory Section
9100 Arboretum Parkway, Suite 235
Richmond, VA 23236
(804) 397-9836

MVP Southgate Project
Meeting Minutes

Meeting Date:	April 16, 2025
Meeting Location:	Microsoft Teams
Meeting Minutes Prepared By:	Abby Heller-Leib April 16, 2025

Participants:

Steven VanderPloeg	USACE Norfolk	Project Manager
Kimberly Prisco-Baggett	USACE Norfolk	Deputy Branch Chief, Special Projects
David Bailey	USACE Wilmington	Regulatory Manager
Dicky Harmon	USACE Wilmington	Project Manager
John Tessier	NextEra	Environmental Manager
Megan Neylon	EQT	Environmental Coordinator
Justin Curtis	AquaLaw	External Council
Lori Ferry	Burns & McDonnell	Environmental Consultant
Abby Heller Leib	Burns & McDonnell	Environmental Consultant
Christian King	Burns & McDonnell	Environmental Consultant

Meeting Purpose:

Discussion of MVP Southgate JPA Application with USACE Norfolk and Wilmington Districts
RE: Executive Order (EO) 14154

Discussion Points:

- Because of the EO, there are different timelines and pathways to consider/abide by.
- Does MVP want to move forward with emergency permitting timelines or the standard timeline?
  a. Several options for a path forward for permitting the project.
     i. Standard review
     ii. Expedited review
        1. Concern with the tighter timeline required for emergency energy projects—USACE does not yet have BiOp from USFWS and therefore could not complete their analysis yet/issue the permit without completion of Section 7 consultation.
           a. MVP has a path forward with Section 106 already due to the programmatic agreement.
        2. For the expedited review, USACE could consider the application as a "pre-application" to get things sorted out with Section 7 consultation.
        3. Once Section 7 was sorted out, USACE could hit the ground running since they would already have everything else completed.
     iii. Trying to determine the best path forward considering this.

- Referring back to the pre-application meeting with USACE, MVP's objective is to permit the project once and not multiple times.

a. Lessons learned from Mainline—it was clear that the courts had no tolerance for what they considered to be cutting corners.
    i. Even though the project would likely have qualified for NWP 12, MVP went with an individual permit to mitigate risk and to have a more defensible permit at the end of the day to avoid having to permit things twice.
    ii. Reserve the right to proceed in permitting/changes with respect to executive orders.
    iii. Overly cautious regarding litigation risks from Mainline.
        1. Welcome any thoughts, comments, or considerations from USACE.

- MVP will send a response to USACE (both districts) in writing so they have it in their file.

- Overview of the expedited review process:
    a. Districts have different guidance
        i. Wilmington—very generally and regardless of the type of permit (IP or NWP), the goal is to get from point A (complete application) to point B (permit issuance) in 30 business days (roughly 42 calendar days)
            1. 7-15 day public notice period worked into the 30 days
            2. Would theoretically issue a provisional permit but not fully until the 401 was issued (MVP is not submitting 401 WQC application to North Carolina DEQ until May)
        ii. Norfolk—a goal of 30 days, but cannot issue without compliance with Section 106 and Section 7 consultation.
            1. Could work behind the scenes and have everything else complete so when USFWS issues the BiOp, the permit can be issued ASAP.

- USACE's next step will be issuing two separate public notices (one for each district). Notices will otherwise be the same.

- USACE questioned the current status of the BA/BiOp
    a. Currently working on the BA now and anticipate submitting it in May, but it is still pending.
    b. With USACE not being able to complete Section 7, the application is just going to sit.
        i. Potentially proposed withdrawal of the application until BA is submitted?
        ii. Noted there are also emergency permitting provisions for ESA, so maybe BiOp will be completed faster than originally anticipated.
            1. USACE sent a message to Troy Anderston at USFWS requesting how quickly they would turn a BiOp around after receiving the BA.

- USACE could do as much as they can and then check with USFWS—if the BiOp was still 30+ days out, they could maybe administratively withdraw it and open it again once they got BiOp?
    a. Administrative withdrawal would only serve to stop the clock. They would do everything they could ahead of the BiOp so that the permit would be turned around right away.
    b. Lots of scrutiny under the emergency EO; need to move forward with issuing permits, but also cannot issue without Section 7 consultation being complete.

- All projects that have certain keywords (i.e., natural gas pipeline) are put on the EO "expedited" list.
    a. The project is currently on the expedited list that specifies 7-15 days for public notice, so if USACE issues public notice for 30 days (standard turnaround), that would raise questions.
    b. Would like to issue public notice as soon as they can.

MVP will coordinate with the rest of the team and send a clear response to both districts regarding whether they would like the JPA reviewed under an expedited or standard timeline.

Outlook

Fwd: NAO-2025-00840-RDR (25-V0752) (Mountain Valley Pipeline, LLC/ MVP Southgate Amendment Project/Pittsylvania)

From Ferry, Lori M <lmferry@burnsmcd.com>
Date Fri 2025-04-18 9:53 AM
To Heller Leib, Abigail (Abby) <ahellerleib@burnsmcd.com>; King, Christian M <cmking2@burnsmcd.com>

Sent from my iPhone

Begin forwarded message:

From: CENAO-REG_ROD <CENAO-.REG_ROD@usace.army.mil>
Date: April 18, 2025 at 9:40:08 AM CDT
To: "Ferry, Lori M" <lmferry@burnsmcd.com>
Cc: "Bigelow, Chester C III CIV USARMY CENAO (USA)" <Chester.C.Bigelow@usace.army.mil>
Subject: NAO-2025-00840-RDR (25-V0752) (Mountain Valley Pipeline, LLC/ MVP Southgate Amendment Project/Pittsylvania)

Dear Applicant/Agent:

We have received your request and it has been assigned NAO project number referenced in the subject line above. Please reference this project number in all future communications.

Your request has been assigned to the County POC based on project location listed here: https://www.nao.usace.army.mil/Missions/Regulatory/Contacts.aspx. Your project manager will reach out to you within 15 days confirming assignment of your request. If you do not hear from your PM within 15 days, reach out to the County POC. *NOTE: If you have submitted an PASDO CAT-A checklist, we will only contact you if we have concerns.*

Thank you!
- Regulatory Branch, Norfolk District, US Army Corps of Engineers

Outlook

Mountain Valley Pipeline South Gate Permitting Procedure

From VanderPloeg, Steven A CIV USARMY CENAO (USA) <Steven.A.Vanderploeg@usace.army.mil>
Date Mon 2025-04-21 5:13 PM
To King, Christian M <cmking2@burnsmcd.com>; Ferry, Lori M <lmferry@burnsmcd.com>
Cc Jeffrey.Klinefelter@eqt.com <Jeffrey.Klinefelter@eqt.com>; John.Tessier@nee.com <John.Tessier@nee.com>; Heller Leib, Abigail (Abby) <ahellerleib@burnsmcd.com>; Sabol, James <james.sabol@eqt.com>; justin@aqualaw.com <justin@aqualaw.com>; Prisco-Baggett, Kimberly A CIV USARMY USACE (USA) <Kimberly.A.Prisco-Baggett@usace.army.mil>; Harmon, Richard G CIV (USA) <Richard.G.Harmon@usace.army.mil>; Bailey, David E CIV USARMY CESAW (USA) <David.E.Bailey2@usace.army.mil>; VanderPloeg, Steven A CIV USARMY CENAO (USA) <Steven.A.Vanderploeg@usace.army.mil>

Good afternoon,

Thank you all for your time last week to discuss the permitting options under the Executive Order 14156 – Declaring a National Energy Emergency for the Mountain Valley Pipeline – South Gate Amendment project. During the call, we discussed whether the applicant intends to proceed under the emergency permitting procedures or opt out and have the permit processed through the Corps' standard permitting process. We understand that the MVP South Gate team is currently evaluating its options. However, in order to issue the appropriate public notice, we need written confirmation of whether MVP South Gate intends to opt out of the emergency permitting procedures or proceed under the emergency pathway.

At this time, the Corps has completed the documentation necessary to issue the public notice for the project, and we are currently awaiting the MVP South Gate team's decision on which permitting path the applicant prefers.
Please notify us at your earliest convenience regarding your selected permitting pathway so we can ensure the permit is processed as efficiently as possible.

V/r

Steven

Steven VanderPloeg
Environmental Scientist
US Army Corps of Engineers, Norfolk District
Western Virginia Regulatory Section
9100 Arboretum Parkway, Suite 235
Richmond, VA 23236
(804) 397-9836

Outlook

FW: MVP Southgate (NAO-2018-1574; SAW-2018-0887)

From Ferry, Lori M <lmferry@burnsmcd.com>
Date Mon 2025-04-28 1:26 PM
To King, Christian M <cmking2@burnsmcd.com>; Heller Leib, Abigail (Abby) <ahellerleib@burnsmcd.com>

1 attachment (141 KB)
MVP SG - EO 14156 Designation.pdf;

From: Justin Curtis <justin@aqualaw.com>
Sent: Monday, April 28, 2025 1:06 PM
To: Vanderploeg, Steven A CIV USARMY CENAO (US) <steven.a.vanderploeg@usace.army.mil>; Richard.G.Harmon@usace.army.mil
Cc: william.t.walker@usace.army.mil; Bailey, David E CIV USARMY CESAW (USA) <David.E.Bailey2@usace.army.mil>; steven.hardwick@deq.virginia.gov; stephanie.goss@deq.nc.gov; Pichardo, Robert <robert.pichardo@eqt.com>; Tessier, John <John.Tessier@nee.com>; Ferry, Lori M <lmferry@burnsmcd.com>; Klinefelter, Jeffrey <Jeffrey.Klinefelter@eqt.com>
Subject: MVP Southgate (NAO-2018-1574; SAW-2018-0887)

Steven and Dicky:

Please see MVP's request to have the pending CWA 404/RHA 10 applications for the Southgate project processed in accordance with EO 14156.

Regards,

Justin W. Curtis
Vice President
AQUALAW

804-303-5892 (O)
804-402-7300 (C)
Justin@AquaLaw.com
www.AquaLaw.com

2200 Energy Drive | Canonsburg, PA 15317
833-MV-SOUTH | mail@mvpsouthgate.com
www.mvpsouthgate.com

April 28, 2025

By Email

Mr. Steven Vanderploeg
US Army Corps of Engineers
Norfolk District
9100 Arboretum Parkway, Suite 235
Richmond, Virginia 23236
Steven.A.Vanderploeg@usace.army.mil

Mr. Dicky Harmon
US Army Corps of Engineers
Wilmington District
3331 Heritage Trade Drive, Suite 105
Wake Forest, North Carolina 27587
Richard.G.Harmon@usace.army.mil

RE: Designation of Mountain Valley Southgate Project (NAO-2018-1574; SAW-2018-0887) as an Energy Infrastructure Project under Executive Order 14156

Dear Messrs. Vanderploeg and Harmon:

Mountain Valley Pipeline appreciates the U.S. Army Corps of Engineers' (Corps) designation of the MVP Southgate Project ("Amendment Project") as an energy infrastructure project under Executive Order 14156, "Declaring a National Energy Emergency." As explained in the Joint Permit Application submitted on April 11, 2025, the Project will fulfill an urgent need to increase the available supply of natural gas in central North Carolina while adding much-needed energy diversification and resiliency to the region. Furthermore, Mountain Valley fully supports the objectives of the executive order. It is vitally important that MVP Southgate and other energy development, transmission, and generation infrastructure projects be accelerated to keep pace with accelerating demands.

Mountain Valley remains committed to adhering to the highest standards of environmental review and public involvement for MVP Southgate. The recently submitted Joint Permit Application documents the Project's compliance with all applicable Corps permitting

requirements, including a detailed explanation of the steps taken to avoid and minimize impacts to aquatic and other environmental resources to the greatest extent practicable.

Mountain Valley agrees and elects that, pursuant to Executive Order 14156 – Declaring a National Energy Emergency, the Project may be subject to emergency treatment under any and all available or applicable emergency statutes, regulations, or guidance, including but not limited to 33 C.F.R. § 325.2(e), and any that are or may be developed pursuant to applicable law, Executive Order 14156, and other Executive Orders intending to address the critical need for energy infrastructure. Mountain Valley understands that designation of the Project as subject to emergency treatment means that the Project applications will be reviewed efficiently and on an expedited basis, given priority over other non-emergent and lesser-emergent applications proceeding before the Corps, and permitted as quickly as is practicable while still complying with all applicable statutory and regulatory requirements. Consistent with that understanding, Mountain Valley requests that the Corps proceed with public notice for the Project with the standard 30-day public comment period.

Sincerely,
Mountain Valley Pipeline, LLC
By:

Jeffrey Klinefelter
VP, MVP Construction & Engineering
EQT Corporation

cc: Tom Walker, USACE Norfolk District
David Bailey, USACE Wilmington District
Steve Hardwick, Virginia DEQ
Stephanie Goss, North Carolina DEQ

Outlook

FW: SAW-2018-00887 (Mountain Valley Pipeline - Southgate / NextEra Energy / Rockingham / natural gas)

From Ferry, Lori M <lmferry@burnsmcd.com>
Date Mon 2025-06-02 3:42 PM
To King, Christian M <cmking2@burnsmcd.com>; Heller Leib, Abigail (Abby) <ahellerleib@burnsmcd.com>

Please forward this on to whoever might need it!

From: RaleighNCREG <RaleighNCREG@usace.army.mil>
Sent: Monday, June 2, 2025 3:39 PM
To: Ferry, Lori M <lmferry@burnsmcd.com>
Cc: Harmon, Richard G CIV (USA) <Richard.G.Harmon@usace.army.mil>; RaleighNCREG <RaleighNCREG@usace.army.mil>; Bailey, David E CIV USARMY CESAW (USA) <David.E.Bailey2@usace.army.mil>
Subject: SAW-2018-00887 (Mountain Valley Pipeline - Southgate / NextEra Energy / Rockingham / natural gas)

Dear Applicant/Agent:

We received your IP request on 30 May 2025, and it has been added to USACE project number SAW-2018-00887. Please reference this project number in all future communications.

All future inquiries concerning this matter should be directed to Richard Harmon at richard.g.harmon@usace.army.mil

Thank You,

Natalie Lester

Regulatory Program Technician

U.S. Army Corps of Engineers, Wilmington District

Asheville Regulatory Field Office

U.S. Fish and Wildlife Service

From:	Neylon, Megan
To:	jennifer_stanhope@fws.gov
Cc:	Chalmers, Cory; Benjamin, Pete; Andersen, Troy M; Bossie, Susan (Amanda; Case, Rachel L; Argo, Emily E; Luu, Jackie A; Ellis, John; Tessier, John; Ferry, Lori M
Subject:	RE: PLEASE COORDINATE MEETING: [EXTERNAL] FW: MVP Southgate Amendment Project Request for Coordination
Date:	Wednesday, December 11, 2024 3:37:00 PM
Attachments:	MVP_FinalDataShapes.zip

Hi Jen,

As requested, please find attached GIS shapefiles for your use. Please let me know if you have any questions about this data or need additional information.

Thank you,
Megan

From: Stanhope, Jennifer W <jennifer_stanhope@fws.gov>
Sent: Tuesday, December 3, 2024 3:45 PM
To: Tessier, John <John.Tessier@nee.com>; Ferry, Lori M <lmferry@burnsmcd.com>
Cc: Benjamin, Pete <pete_benjamin@fws.gov>; Andersen, Troy M <troy_andersen@fws.gov>; Bossie, Susan (Amanda) <Susan.Bossie@sol.doi.gov>; Case, Rachel L <rachel_case@fws.gov>; Argo, Emily E <emily_argo@fws.gov>; Luu, Jackie A <jackie_luu@fws.gov>; Ellis, John <john_ellis@fws.gov>
Subject: RE: PLEASE COORDINATE MEETING: [EXTERNAL] FW: MVP Southgate Amendment Project Request for Coordination

Hi John,

Checking in on the status of the GIS shapefiles (e.g., tree clearing, acres, type of habitat, stream reaches identified in the October 21, 2024 letter) we discussed on the call. It will help us with providing responses to your questions in the letter sent on October 21, 2024.

Thank you,
Jen

Jennifer Stanhope (she/her)
Acting Assistant Field Office Supervisor - Endangered Species
U.S. Fish and Wildlife Service - Virginia Field Office
6669 Short Lane
Gloucester, VA 23061
Office: 804-905-9781 *(note: new number)*
Jennifer_stanhope@fws.gov
https://www.fws.gov/office/virginia-ecological-services

From: Stanhope, Jennifer W
Sent: Wednesday, November 20, 2024 9:21 AM
To: Tessier, John <John.Tessier@nee.com>; Ferry, Lori M <lmferry@burnsmcd.com>
Cc: Benjamin, Pete <Pete_Benjamin@fws.gov>; Andersen, Troy M <troy_andersen@fws.gov>; Bossie, Susan (Amanda) <Susan.Bossie@sol.doi.gov>; Case, Rachel L <rachel_case@fws.gov>; Argo, Emily E <emily_argo@fws.gov>; Luu, Jackie A <jackie_luu@fws.gov>
Subject: RE: PLEASE COORDINATE MEETING: [EXTERNAL] FW: MVP Southgate Amendment Project Request for Coordination

Hi John,

Great! Will you be sending out the invitation? If so, please include Rachel, Emily, Jackie, Amanda, and me. Troy will not be able to make tomorrow's meeting but I can fill him in on the meeting when he returns to the office.

Thanks,

Jen

Jennifer Stanhope (she/her)
Acting Assistant Field Office Supervisor - Endangered Species
U.S. Fish and Wildlife Service - Virginia Field Office
6669 Short Lane
Gloucester, VA 23061
Office: 804-905-9781 *(note: new number)*
Jennifer_stanhope@fws.gov
https://www.fws.gov/office/virginia-ecological-services

From: Tessier, John <John.Tessier@nee.com>
Sent: Wednesday, November 20, 2024 9:15 AM
To: Stanhope, Jennifer W <jennifer_stanhope@fws.gov>; Ferry, Lori M <lmferry@burnsmcd.com>
Cc: Benjamin, Pete <pete_benjamin@fws.gov>; Andersen, Troy M <troy_andersen@fws.gov>; Bossie, Susan (Amanda) <Susan.Bossie@sol.doi.gov>; Case, Rachel L <rachel_case@fws.gov>; Argo, Emily E <emily_argo@fws.gov>; Luu, Jackie A <jackie_luu@fws.gov>
Subject: RE: PLEASE COORDINATE MEETING: [EXTERNAL] FW: MVP Southgate Amendment Project Request for Coordination

Good Morning Jen,

Thank you very much for working with us. Thursday 11/21 9a-10a eastern works well for our team.

Pete- Hopefully your Raleigh team can make that time as well. If that doesn't work for you please let us know and we can schedule a separate meeting. We'll still plan to meet with VAFO to continue our

discussions.

Thanks all,

John Tessier
Environmental Services Manager
Environmental Services Department

NextEra Energy
700 Universe Blvd
Juno Beach, FL 33408
Office: 561-694-4131
John.tessier@nee.com

Join our team! We have exciting opportunities available on our environmental team:
NextEra Energy Careers | Home
Keyword: Environmental

From: Stanhope, Jennifer W <jennifer_stanhope@fws.gov>
Sent: Tuesday, November 19, 2024 11:06 AM
To: Ferry, Lori M <lmferry@burnsmcd.com>
Cc: Benjamin, Pete <pete_benjamin@fws.gov>; Andersen, Troy M <troy_andersen@fws.gov>; Tessier, John <John.Tessier@nee.com>; Bossie, Susan (Amanda) <Susan.Bossie@sol.doi.gov>; Case, Rachel L <rachel_case@fws.gov>; Argo, Emily E <emily_argo@fws.gov>; Luu, Jackie A <jackie_luu@fws.gov>
Subject: RE: PLEASE COORDINATE MEETING: [EXTERNAL] FW: MVP Southgate Amendment Project Request for Coordination

Lori,

Troy is out this week through Thursday and asked me to respond on VAFO's availability for the call before Thanksgiving.
Wed (11/20) 10:30-11:30am
Thursday (11/21): 9-10am, 3-4:30pm
Tuesday (11/26): 10:30-11:30am.
Hopefully one of these options will work for you and the Raleigh FO. A joint meeting would be preferred, but we also understand that if you need to meet sooner than later, we are fine with meeting on our own with you.

Thank you,
Jen

Jennifer Stanhope (she/her)

Acting Assistant Field Office Supervisor - Endangered Species
U.S. Fish and Wildlife Service - Virginia Field Office
6669 Short Lane
Gloucester, VA 23061
Office: 804-905-9781 *(note: new number)*
Jennifer_stanhope@fws.gov
https://www.fws.gov/office/virginia-ecological-services

From: Ferry, Lori M <lmferry@burnsmcd.com>
Sent: Monday, November 11, 2024 9:56 AM
To: Benjamin, Pete <pete_benjamin@fws.gov>; Andersen, Troy M <troy_andersen@fws.gov>
Cc: Tessier, John <John.Tessier@nee.com>; Heller Leib, Abigail (Abby) <ahellerleib@burnsmcd.com>
Subject: [EXTERNAL] FW: MVP Southgate Amendment Project Request for Coordination

This email has been received from outside of DOI - Use caution before clicking on links, opening attachments, or responding.

Pete, Troy,
I left some voicemails for you in the office. We had submitted a bit of information to your offices and just wanted to see if we could get another meeting scheduled or if your team had, had a chance to review the materials that were sent over via email and Share site so that we can discuss upcoming information that we can put into our FERC application. Our submittal date is nearing and we'd like to include as much from your offices as possible.

Pete-We hadn't had a meeting yet to discuss the project with your side. I think a joint meeting again might be the easiest to talk through some of these issues that we can put on the record? Let me know if this might work for you and we can set that up as early as this week if it works for you all!

Appreciate it!
Lori Ferry
630-605-5255

From: Tessier, John <John.Tessier@nee.com>
Sent: Monday, October 21, 2024 8:36 AM
To: pete_benjamin@fws.gov; troy_andersen@fws.gov
Subject: MVP Southgate Amendment Project Request for Coordination

Good Morning Troy and Pete,

Please see attached for our formal request for coordination for the MVP Southgate Amendment Project. Attached is some additional information regarding the revised project (26.5 miles in Virginia and 5 miles in North Carolina) and the species potentially occurring in the area.

We will be reaching out to discuss the Amended Project in the coming weeks. If you have any questions please don't hesitate to reach out to me.

Thank you,

John Tessier
Environmental Services Manager
Environmental Services Department

NextEra Energy
700 Universe Blvd
Juno Beach, FL 33408
Office: 561-694-4131
John.tessier@nee.com

Join our team! We have exciting opportunities available on our environmental team:
NextEra Energy Careers | Home
Keyword: Environmental

To learn about EQT's environmental, social and governance efforts visit: https://esg.eqt.com

Outlook

FW: [EXTERNAL] RE: MVP Southgate Mussel Survey Study Plan Approval

From Chalmers, Cory <cory.chalmers@eqt.com>
Date Tue 2025-04-15 8:05 AM
To King, Christian M <cmking2@burnsmcd.com>; Heller Leib, Abigail (Abby) <ahellerleib@burnsmcd.com>
Cc Ferry, Lori M <lmferry@burnsmcd.com>; John Tessier <John.Tessier@nee.com>; Neylon, Megan <Megan.Neylon@eqt.com>

For the record.

From: Chalmers, Cory <cory.chalmers@eqt.com>
Sent: Monday, April 14, 2025 12:03 PM
To: Stanhope, Jennifer W <jennifer_stanhope@fws.gov>; Aaron Prewitt <amprewitt@edge-es.com>
Cc: David Foltz <dafoltz@edge-es.com>; Jacob R. Miller <jrmiller@edge-es.com>; John Spaeth <jpspaeth@edge-es.com>; Watson, Brian (DWR) <brian.watson@dwr.virginia.gov>; Brann, Lee (DWR) <Lee.Brann@dwr.virginia.gov>; Schul, Hannah (DWR) <Hannah.Schul@dwr.virginia.gov>
Subject: RE: [EXTERNAL] RE: MVP Southgate Mussel Survey Study Plan Approval

Thanks Jen and Brian! Appreciate the quick reviews.

Thanks again,
Cory

From: Stanhope, Jennifer W <jennifer_stanhope@fws.gov>
Sent: Monday, April 14, 2025 11:12 AM
To: Aaron Prewitt <amprewitt@edge-es.com>
Cc: David Foltz <dafoltz@edge-es.com>; Jacob R. Miller <jrmiller@edge-es.com>; John Spaeth <jpspaeth@edge-es.com>; Chalmers, Cory <cory.chalmers@eqt.com>; Watson, Brian (DWR) <brian.watson@dwr.virginia.gov>; Brann, Lee (DWR) <Lee.Brann@dwr.virginia.gov>; Schul, Hannah (DWR) <Hannah.Schul@dwr.virginia.gov>
Subject: RE: [EXTERNAL] RE: MVP Southgate Mussel Survey Study Plan Approval

Aaron,

I also concur with the proposed mussel survey plan, dated and received on April 8, 2025, for the MVP Southgate project. If you have any questions, let me know.

Thanks,
Jen

Jennifer Stanhope
Fish and Wildlife Biologist
U.S. Fish and Wildlife Service - Virginia Field Office
6669 Short Lane
Gloucester, VA 23061
Office: 804-905-9781 *(note: new number)*
Jennifer_stanhope@fws.gov
https://www.fws.gov/office/virginia-ecological-services

From: Watson, Brian (DWR) <brian.watson@dwr.virginia.gov>
Sent: Tuesday, April 8, 2025 12:29 PM
To: Aaron Prewitt <amprewitt@edge-es.com>; Stanhope, Jennifer W <jennifer_stanhope@fws.gov>
Cc: David Foltz <dafoltz@edge-es.com>; Jacob R. Miller <jrmiller@edge-es.com>; John Spaeth <jpspaeth@edge-es.com>; Chalmers, Cory <cory.chalmers@eqt.com>; Brann, Lee (DWR) <Lee.Brann@dwr.virginia.gov>; Schul, Hannah (DWR) <Hannah.Schul@dwr.virginia.gov>
Subject: [EXTERNAL] RE: MVP Southgate Mussel Survey Study Plan Approval

This email has been received from outside of DOI - Use caution before clicking on links, opening attachments, or responding.

Aaron,

DWR concurs with the mussel survey plan for the MVP Southgate project as proposed in the attached plan. If you have any questions, let me know.

Brian

Brian T. Watson
Aquatic Resources Biologist/State Malacologist
P 434.525.7522, x114 / M 434.941.5990 / F 434.525.7720

Virginia Department of Wildlife Resources
CONSERVE. CONNECT. PROTECT.
A 1132 Thomas Jefferson Road, Forest, VA 24551
www.dwr.virginia.gov

From: Aaron Prewitt <amprewitt@edge-es.com>
Sent: Tuesday, April 8, 2025 11:19 AM
To: Watson, Brian (DWR) <brian.watson@dwr.virginia.gov>; Jennifer Stanhope <Jennifer_Stanhope@fws.gov>
Cc: David Foltz <dafoltz@edge-es.com>; Jacob R. Miller <jrmiller@edge-es.com>; John Spaeth <jpspaeth@edge-es.com>; Chalmers, Cory <cory.chalmers@eqt.com>
Subject: MVP Southgate Mussel Survey Study Plan Approval

Brian and Jennifer,
Please find the attached study plan for your review. Please note that in addition to a traditional study plan, this document also includes results of a desktop analysis and in-situ habitat assessment results. Mussel surveys are planned along Cherrystone Creek, Banister River, 2 crossings of White Oak Creek, and Sandy River in Pittsylvania County Virginia. If you have any questions or need any additional information, please don't hesitate to reach out. Hope you have a great rest of your week!

thanks,

AARON M. PREWITT

Project Manager / Senior Malacologist

4270 Ivy Pointe Blvd., Suite 110

Cincinnati, Ohio 45245

D: 757.506.5993

edge-es.com

EDGE
ENGINEERING & SCIENCE
15 YEAR ANNIVERSARY!

To learn about EQT's environmental, social and governance efforts visit: https://esg.eqt.com

Virginia Department of Conservation and Recreation

Stefanie K. Taillon
Secretary of Natural and Historic Resources

Matthew S. Wells
Director

Andrew W. Smith
Chief Deputy Director

Frank N. Stovall
Deputy Director for Operations

Darryl Glover
Deputy Director for Dam Safety, Floodplain Management and Soil and Water Conservation

Laura Ellis
Deputy Director for Administration and Finance

COMMONWEALTH of VIRGINIA
DEPARTMENT OF CONSERVATION AND RECREATION

MEMORANDUM

DATE**:** June 3, 2025

TO: Michael Mussomeli, DEQ

FROM: Allison Tillett, Environmental Impact Review Coordinator

SUBJECT: 25-0752- MVP Southgate Amendment

Division of Planning and Recreation Resources

DCR's Division of Planning and Recreational Resources (DCR-PRR) administers the Virginia Scenic Rivers (Virginia Code § 10.1-200), state trails programs (Virginia Code §10.1-204), and the state park master planning process (Virginia Code §10.1-200.1). DCR-PRR develops the Virginia Outdoors Plan (VOP), the state's comprehensive outdoor recreation and open space plan (Virginia Code §10.1-200) and administers the state-assistance side of the Land and Water Conservation Fund (LWCF). The VOP recognizes the importance of scenery, natural landscapes, and access to recreational opportunities for Virginians.

Division of Natural Heritage

The Department of Conservation and Recreation's Division of Natural Heritage (DCR) has searched its Biotics Data System for occurrences of natural heritage resources from the area outlined on the submitted map. Natural heritage resources are defined as the habitat of rare, threatened, or endangered plant and animal species, unique or exemplary natural communities, and significant geologic formations.

DCR reiterates our August 8, 2024, comments below as included in Attachment A-5 Virginia Department of Conservation and Recreation and Department of Wildlife Resources Correspondence of the Joint Permit Application along with updated information.

According to the information in our files, the Transco Road Net and MVP Southgate Net VA-SB01CA Conservation Sites are located within the project area. Conservation sites are tools for representing key areas of the landscape that warrant further review for possible conservation action because of the natural heritage resources and habitat they support. Conservation sites are polygons built around one or more rare plant, animal, or natural community designed to include the element and, where possible, its associated habitat, and buffer or other adjacent land thought necessary for the element's conservation. Conservation sites are given a biodiversity significance ranking (B-rank) based on the rarity, quality, and number of element occurrences they contain; on a scale of 1-5, 1 being most significant. Both the Transco Road Net and MVP Southgate Net VA-SB01CA Conservation Sites have been assigned a B-rank of B4, which represents a site of moderate significance. The natural heritage resource associated with these sites is:

Perimyotis subflavus Tricolored bat (=Eastern pipistrelle) G3G4/S1S3/PE/LE

Tricolored bat is a very small bat distinguished from other Myotis species by tricolored individual back hairs and inhabits open woods near water, rock cliffs, buildings and caves in the summer. Since 2008, there has been a significant decline in population numbers (greater than 90%) for the Tricolored bat due to white nose syndrome. This species was listed as endangered on April 1, 2016, by the Virginia Department of Wildlife Resources (VDWR).

When working in these conservation sites, DCR recommends adhering to time-of-year-restrictions (TOYR) for tree removal for the protection of tri-colored bats. Due to the legal status of the tri-colored bat, DCR recommends coordination with the VDWR, Virginia's regulatory authority for the management and protection of this species to ensure compliance with the Virginia Endangered Species Act (VA ST §§ 29.1-563 – 570).

As an update to our previous comments, the project area also intersects the following conservation sites: Horseshoe Road R.O.W, Sandy River R.O.W, and Trotters Creek R.O.W. All sites have been assigned a B-rank of B5, which represents a site of general significance. The natural heritage resource associated with these sites is:

Mimosa microphylla Little-leaf sensitive-brier G5T5/S1/NL/NL

Little-leaf sensitive-brier, a state rare plant species, inhabits dry, sandy soil in open areas and tolerates disturbed habitats. Little-leaf sensitive-brier is appropriately named because the leaves close when touched (TNC, 1996). In Virginia, this species is currently known from seven populations in the piedmont and coastal plain region. Historically, it has also been identified at several locations in these regions.

According to the information provided by the applicant on October 21, 2024, and April 14, 2025, little-leaf sensitive-bier was documented within the right-of-way of the proposed project within eight distinctive patches during the plant survey for the project. All patches except patches 7 and 8 will be avoided. To minimize impacts to patches 7 and 8, the project proponent proposes the following best management practices: 1) segregate and restore post-construction topsoil from the impacted patches to retain the seedbed 2) collect seed pods from the local population for replanting the disturbed areas post-construction. DCR supports these measures to minimize impacts to this state rare plant.

DCR supports the development and inclusion of the "Horizontal Directional Drill Contingency Plan" for the proposed horizontal directional drill (HDD) crossing of the Sandy River, and recommends its inclusion if HDD is proposed for the Banister River or other streams. DCR also recommends the development and implementation of an emergency spill plan and the utilization of industry best management practices for hydrostatic testing and dewatering of the proposed force main.

If tree removal outside of the existing right-of-way (ROW) is anticipated, the proposed project will impact multiple Ecological Cores **(C4 and C5)** as identified in the Virginia Natural Landscape Assessment (https://www.dcr.virginia.gov/natural-heritage/vaconvisvnla). Mapped cores in the project area can be viewed via the Virginia Natural Heritage Data Explorer, available here: http://vanhde.org/content/map.

Ecological Cores are areas of at least 100 acres of continuous interior, natural cover that provide habitat for a wide range of species, from interior-dependent forest species to habitat generalists, as well as species that utilize marsh, dune, and beach habitats. Interior core areas begin 100 meters inside core edges and continue to the deepest parts of cores. Cores also provide the natural, economic, and quality of life benefits of open space, recreation, thermal moderation, water quality (including drinking water recharge and protection, and erosion prevention), and air

quality (including sequestration of carbon, absorption of gaseous pollutants, and production of oxygen). Cores are ranked from C1 to C5 (C5 being the least significant) using nine prioritization criteria, including the habitats of natural heritage resources they contain.

Impacts to cores occur when their natural cover is partially or completely converted permanently to developed land uses. Habitat conversion to development causes reductions in ecosystem processes, native biodiversity, and habitat quality due to habitat loss; less viable plant and animal populations; increased predation; and increased introduction and establishment of invasive species.

DCR recommends avoidance of impacts to cores. When avoidance cannot be achieved, DCR recommends minimizing the area of impacts overall and concentrating the impacted area at the edges of cores, so that the most interior remains intact.

DCR supports the development and implementation of the "Exotic and Invasive Species Control Plan" as part of the maintenance practices for the right-of-way (ROW). The invasive species plan should include an invasive species inventory for the project area based on the current updated DCR Invasive Species List https://www.dcr.virginia.gov/natural-heritage/document/nh-invasive-plant-list-2024.pdf and methods for treating the invasives. DCR supports the inclusion of native species in the revegetation seed mix consisting of grasses and forbs and recommends robust monitoring, as well as an adaptive management plan to provide guidance if initial revegetation efforts are unsuccessful or if invasive species outbreaks occur. Guidance on native plant species for the Virginia portion of the pipeline can be found here: https://www.dcr.virginia.gov/natural-heritage/native-plants-finder.

Under a Memorandum of Agreement established between the Virginia Department of Agriculture and Consumer Services (VDACS) and the DCR, DCR represents VDACS in comments regarding potential impacts on state-listed threatened and endangered plant and insect species. The current activity will not affect any documented state-listed plants or insects.

There are no State Natural Area Preserves under DCR's jurisdiction in the project vicinity.

New and updated information is continually added to Biotics. Please re-submit a completed order form and project map for an update on this natural heritage information if the scope of the project changes and/or six months has passed before it is utilized.

The Virginia Department of Wildlife Resources (VDWR) maintains a database of wildlife locations, including threatened and endangered species, trout streams, and anadromous fish waters that may contain information not documented in this letter. Their database may be accessed https://services.dwr.virginia.gov/fwis/ or contact Lee Brann at Lee.Brann @dwr.virginia.gov.

Division of State Parks

DCR's Division of State Parks is responsible for acquiring and managing, state parks. Park development and master planning are managed by the Division of Planning and Recreation Resources. Master plans are required prior to a parks opening and are updated every ten years (Virginia Code § 10.1-200 *et seq.*).

Division of Dam Safety and Floodplain Management

Dam Safety Program:

The Dam Safety program was established to provide proper and safe design, construction, operation and maintenance of dams to protect public safety. Authority is bestowed upon the program according to *The Virginia Dam Safety Act*, Article 2, Chapter 6, Title 10.1 (10.1-604 et seq) of the Code of Virginia and Dam Safety Impounding Structure Regulations (Dam Safety Regulations), established and published by the Virginia Soil and Water Conservation Board (VSWCB).

Floodplain Management Program:
The National Flood Insurance Program (NFIP) is administered by the Federal Emergency Management Agency (FEMA), and communities who elect to participate in this voluntary program manage and enforce the program on the local level through that community's local floodplain ordinance. Each local floodplain ordinance must comply with the minimum standards of the NFIP, outlined in 44 CFR 60.3; however, local communities may adopt more restrictive requirements in their local floodplain ordinance, such as regulating the 0.2% annual chance flood zone (Shaded X Zone).

All development within a Special Flood Hazard Area (SFHA), as shown on the locality's Flood Insurance Rate Map (FIRM), must be permitted and comply with the requirements of the local floodplain ordinance.

State Agency Projects Only

All agencies and departments of the Commonwealth shall comply with the Code of Virginia § 10.1-603. State agency compliance.

Federal Agency Projects Only
Projects conducted by federal agencies within the SFHA must comply with federal Executive Order 11988: Floodplain Management.

DCR's Floodplain Management Program does not have regulatory authority for projects in the SFHA. The applicant/developer must reach out to the local floodplain administrator for an official floodplain determination and comply with the community's local floodplain ordinance, including receiving a local permit. Failure to comply with the local floodplain ordinance could result in enforcement action from the locality. For state projects, DCR recommends that compliance documentation be provided prior to the project being funded. For federal projects, the applicant/developer is encouraged reach out to the local floodplain administrator and comply with the community's local floodplain ordinance.

To find flood zone information, use the Virginia Flood Risk Information System (VFRIS):
www.dcr.virginia.gov/vfris

To find community NFIP participation and local floodplain administrator contact information, use DCR's Local Floodplain Management Directory: www.dcr.virginia.gov/dam-safety-and-floodplains/floodplain-directory

The remaining DCR divisions have no comments regarding the scope of this project. Thank you for the opportunity to comment.

Cc: Hannah Schul, VDWR

Literature Cited

NatureServe, 2015. NatureServe Explorer: An online encyclopedia of life [web application]. Version 7.1. NatureServe. Arlington, Virginia. Available http://explorer.natureserve.org (Accessed: April 21, 2016).

The Nature Conservancy. 1996. Biological and Conservation Data System. Arlington, Virginia, USA.

Outlook

FW: 25-0752- MVP Southgate Amendment - DCR comments

From King, Christian M <cmking2@burnsmcd.com>
Date Tue 2025-06-03 4:44 PM
To Tessier, John <john.tessier@nee.com>; Sabol, James <james.sabol@eqt.com>; Pichardo, Robert <robert.pichardo@eqt.com>; Justin Curtis <justin@aqualaw.com>; Jennifer Brough <jbrough@sheppardmullin.com>; Neylon, Megan <megan.neylon@eqt.com>; Chalmers, Cory <cory.chalmers@eqt.com>
Cc Ferry, Lori M <lmferry@burnsmcd.com>; Heller Leib, Abigail (Abby) <ahellerleib@burnsmcd.com>

1 attachment (162 KB)
92512 25-0752-MVP Southgate Amendment_.pdf;

Hi all,

Please see the attached comments and recommendations provided by DCR regarding the JPA. No immediate questions or information requests that I saw in the comment letter.

Thanks,
Christian

From: Mussomeli, Michael (DEQ) <Michael.Mussomeli@deq.virginia.gov>
Sent: Tuesday, June 3, 2025 4:20 PM
To: King, Christian M <cmking2@burnsmcd.com>; jeffrey.klinefelter@eqt.com; Ferry, Lori M <lmferry@burnsmcd.com>
Cc: Winn, Brenda (DEQ) <Brenda.Winn@deq.virginia.gov>; Hardwick, Steven (DEQ) <Steven.Hardwick@deq.virginia.gov>
Subject: Fw: 25-0752- MVP Southgate Amendment - DCR comments

Good afternoon:
Please find attached DCR's comments on the Joint Permit application. These comments are associated with agency comment period as part of the JPA review. If any questions or responses, please contact DCR directly and cc myself and Steve Hardwick.

Sincerely,

Michael J. Mussomeli, PWS
Environmental Specialist II
Office of Wetlands and Streams Protection
Virginia Department of Environmental Quality
1111 East Main Street, Suite 1400
Richmond VA 23228
(804) 659-1986

Michael J. Mussomeli, PWS
Environmental Specialist II
Department of Environmental Quality | Central Office
1111 East Main Street
Richmond, VA 23219
(804) 659-1986
michael.mussomeli@deq.virginia.gov
www.deq.virginia.gov

From: Tillett, Allison (DCR) <Allison.Tillett@dcr.virginia.gov>
Sent: Tuesday, June 3, 2025 5:04 PM
To: Mussomeli, Michael (DEQ) <Michael.Mussomeli@deq.virginia.gov>
Subject: 25-0752- MVP Southgate Amendment

Hello Michael,

Here are the comments for this project.

Thank you,

Allison Tillett
Environmental Program Planner
Division of Planning and Recreation Resources
Virginia Department of Conservation and Recreation
600 E. Main St. 24th floor
Richmond, VA 23219
804-238-8620 | allison.tillett@dcr.virginia.gov

Virginia Department of Environmental Quality

TELEPHONE / PERSONAL CONVERSATION REPORT

PROJECT NAME:	MVP Southgate Pipeline Project
MVP TEAM CALLER:	Sam Weaver
CONVERSATION WITH:	Beth Taylor, FOIA Coordinator
AGENCY:	Virginia Department of Environmental Quality
EMAIL ADDRESS:	
PHONE NUMBER:	530-759-6582
SUBJECT:	Information requests for Projects in HUC-12 watersheds associated with MVP Southgate Projects
DATE AND TIME:	November 12, 2024 10:20

SUMMARY OF CONVERSATION:

SW: Mentioned an email that was sent yesterday, wondering if there as been any update and whether Beth is the correct person to ask for this information.

BT: Beth confirmed receipt of email, says it was forwarded for processing, and Natalie Womack is the central processor. Her contact is 804-774-1224 (phone) natalie.wolmack@deq.virginia.gov (email)

SW: Do you have an estimate of how long it will take to process that request?

BT: No, but Natalie should be able to help out with that.

MVP SOUTHGATE

Virginia DEQ Preapplication Meeting

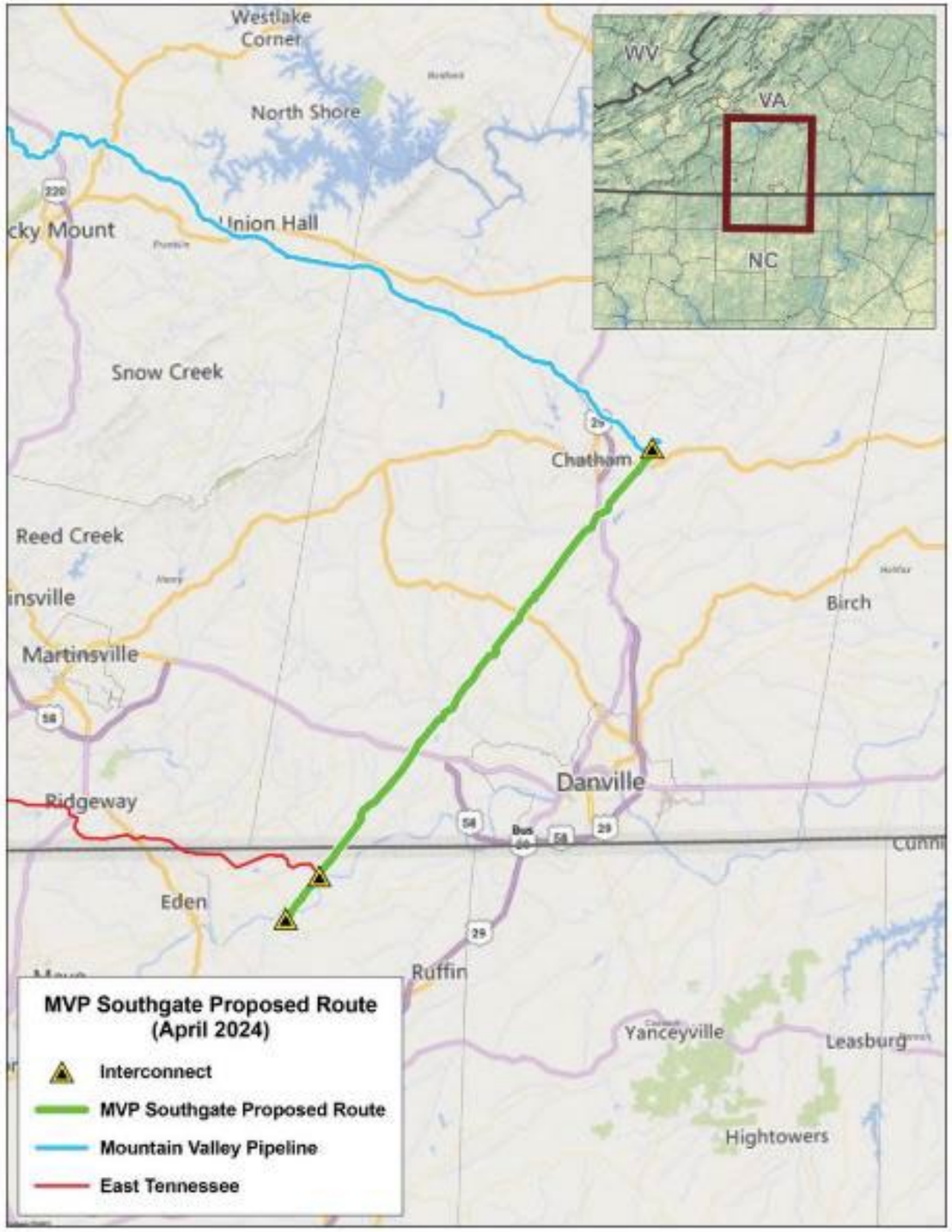
April 3, 2025

Purpose and Agenda

- Introductions
- Project Overview
- Federal Permitting Summary
- Virginia Water Protection Permit Application
- Avoidance and Minimization
- JPA Overview
- Questions

Key Dates

Milestone	Date
Prior Joint Permit Application Submittals (Withdrawn)	November 2018 & August 2019
FERC Certificate Issued	June 2020
Initial Preapplication Meeting with Virginia DEQ	September 2024
Application to Amend FERC Certificate Submitted	February 2025
Joint Permit Application Resubmittal	Expected April 2025
FERC Environmental Assessment and Amended Certificate	Expected Fall 2026



Project Overview

Approx 31 miles in VA and NC

- From MVP mainline terminus in Pittsylvania County, VA to Rockingham County, NC
- Pipeline diameter: 30-inches
- No compressor station
- Four proposed interconnects
  - Two receipt, two delivery
- 550,000 Dth/d of firm capacity
- In-service date of 2028
- 100% ROW acquisition in NC, 97% in VA
- 100’ of temporary construction right-of-way (ROW), including 50’ of permanent ROW

This project connects the supply of natural gas from the Mountain Valley Pipeline to the growing demand of PSNC Energy and Duke Energy in North Carolina

Project Purpose and Need

- The purpose of the Amendment Project is to transport natural gas from an interconnection point with the Mainline Project in southern Virginia to an interconnection point with the East Tennessee Natural Gas Transmission, LLC system (East Tennessee) in North Carolina
- This will feed two new delivery points in Rockingham County, North Carolina, to meet the specific requests for natural gas transportation service of Foundation Shippers: (1) Public Service Company of North Carolina (PSNC) and (2) Duke Energy

B. Increased Diversity of Transportation Providers into North Carolina is Critical for PSNC's Current and Future Gas Supply Needs.

PSNC, as supported by the North Carolina Utilities Commission ("NCUC"), has long recognized the value of diversifying pipeline service providers with meaningful facilities in North Carolina.[10] From PSNC's perspective, additional flexibility for multiple and alternative pipeline paths to bring desperately needed gas supply onto PSNC's system is invaluable. This is true even if the underlying natural gas supply may, at times, originate from the same region. Comments filed by Transcontinental Gas Pipe Line Company, LLC ("Transco") in this docket seek to clarify that Transco's "SSE Project" will, once constructed, offer the same diversity of supply as the Amended Project.[11] While PSNC assumes this is an important clarification for Transco to argue as FERC separately and independently evaluates the pending SSE project in Docket No. CP25-10-000, it does not change the value offered by the Amended Project from PSNC's perspective. Having new transportation paths into North Carolina from new transportation service providers that can tap into affordable gas supply makes the Amended Project unique compared to any alternative.

Excerpt from comments filed on FERC docket by PSNC (Mar. 20, 2025)

Avoidance and Minimization Approach

- Offsite Alternative Analysis
  - Major Route and Transportation Alternatives
  - Route Variations and Workspace Configuration Alternatives
- Onsite Alternatives Analysis
  - Site-Specific Crossing Method Alternatives (Trenchless vs Open Cut)
- Access Road Alternatives
  - Site-Specific Evaluation of Each Access Road Crossing
- Minimization Measures
  - Various Measures Documented in JPA (e.g., ROW reduced 100' → 75' within 50' of crossings)

Avoidance and Minimization Results (VA)

Crossing Method Summary	
Pipeline Route Length	31 miles (26 VA)
Aquatic Resources in ROW	68 Waterbodies 101 Wetlands
Waterbody Crossings*	Trenchless 14; Open Cut 63

Cowardin Class / Flow Regime	Temporary Impacts*	Permanent Impact (Loss)*	Conversion Impact*
PEM	5.22 ac	0.00 ac	0.00 ac
PSS	0.00 ac	0.00 ac	0.97 ac
PFO	0.00 ac	0.00 ac	5.03 ac
Ephemeral	1,098 lf	36 lf	n/a
Intermittent	1,923 lf	26 lf	n/a
Perennial	2,704 lf	0 lf	n/a

**Minor changes are possible as application is finalized.*

JPA Overview

CONTENTS

1.0 Project Information 1-1
- 1.1 Preliminary Jurisdictional Determination and USACE Individual Permit Application Forms 1-1
- 1.2 Amendment Project Description and History 1-1
- 1.3 General Construction Information 1-2
  - 1.3.1 Pipeline Construction Description 1-2
  - 1.3.2 Access Road Construction Description 1-4
- 1.4 Amendment Project Location 1-4
- 1.5 Watersheds and Hydrologic Unit Codes 1-4
- 1.6 Property Owners 1-4
- 1.7 Directions to Site 1-4
- 1.8 Amendment Project Authorizations 1-6
  - 1.8.1 Authorizations and Approvals 1-6
  - 1.8.2 Clean Water Act § 401 Water Quality Certification 1-6
  - 1.8.3 National Historic Preservation Act § 106 Consultation 1-7
  - 1.8.4 Endangered Species Act § 7 Consultation 1-7
  - 1.8.5 Inapplicable Authorizations and Approvals 1-8
- 1.9 Amendment Project Schedule 1-9

2.0 Amendment Project Purpose And Need 2-1
- 2.1 Basic Amendment Project Purpose 2-1
- 2.2 Overall Amendment Project Purpose 2-1
- 2.3 Overall Amendment Project Need 2-1

3.0 Alternatives Analysis 3-1
- 3.1 FERC's NEPA Document 3-1
- 3.2 Alternatives Analysis 3-2
  - 3.2.1 No Action (No Build) Alternative 3-3
  - 3.2.2 No Action (No Permit) Alternative 3-4
  - 3.2.3 Natural Gas Transportation Method Alternatives Analysis 3-5
    - 3.2.3.1 LNG Delivery 3-5
  - 3.2.4 System Alternatives 3-6
    - 3.2.4.1 Transco Pipeline System Alternative 3-7
    - 3.2.4.2 East Tennessee Pipeline System Alternative 3-8
  - 3.2.5 Route Alternatives 3-8
  - 3.2.6 Route Alternatives Determined to Be Impracticable 3-9
    - 3.2.6.1 Berry Hill Alternative 3-9
    - 3.2.6.2 Lake Cammack East Alternative 3-10
    - 3.2.6.3 North-South Alternative 3-10
    - 3.2.6.4 Route Alternatives Evaluated in Detail 3-10

4.0 Affected Environment and Environmental Review Factors 4-1
- 4.1 Proposed Aquatic Impacts 4-1
  - 4.1.1 Jurisdictional Impacts 4-1
  - 4.1.2 Section 10 Waters 4-1
  - 4.1.3 Wetland Delineation and Stream Identification 4-1
  - 4.1.4 Water Withdrawals 4-2
- 4.2 Sensitive Stream Resources 4-2
  - 4.2.1 National Wild and Scenic Rivers 4-2
  - 4.2.2 Tier 3 Protection 4-2
  - 4.2.3 Trout Waters 4-2
  - 4.2.4 Warm Water Fishery 4-2
  - 4.2.5 Anadromous Fish Use Areas 4-3
  - 4.2.6 Aquatic Life Movements 4-3
  - 4.2.7 Spawning Areas 4-3
  - 4.2.8 Submerged Aquatic Vegetation 4-4
  - 4.2.9 Freshwater Mussels 4-4
  - 4.2.10 Designated Critical Resource Waters 4-5
- 4.3 404(b)(1) Guidelines Technical Evaluation Factors 4-5
  - 4.3.1 Substrate (§ 230.20) 4-5
  - 4.3.2 Suspended Particles/Turbidity (§ 230.21) 4-5
  - 4.3.3 Water (§ 230.22) 4-5
  - 4.3.4 Current Patterns and Water Circulation (§ 230.23) 4-5
  - 4.3.5 Normal Water Fluctuations (§ 230.24) 4-6
  - 4.3.6 Salinity Gradients (§ 230.25) 4-6
  - 4.3.7 Threatened and Endangered Species § (230.30) 4-6
  - 4.3.8 Fish, Crustaceans, Mollusks, and Other Aquatic Organisms in Food Web (§ 230.31) 4-6
  - 4.3.9 Other Wildlife (§ 230.32) 4-6
  - 4.3.10 Sanctuaries and Refuges (§ 230.40) 4-6
  - 4.3.11 Wetlands (§ 230.41) 4-7
  - 4.3.12 Mud Flats (§ 230.42) 4-7
  - 4.3.13 Vegetated Shallows (§ 230.43) 4-7
  - 4.3.14 Riffle and Pool Complexes (§ 230.45) 4-7
  - 4.3.15 Municipal and Private Water Supplies (§ 230.50) 4-8
  - 4.3.16 Recreational and Commercial Fisheries (§ 230.51) 4-9
  - 4.3.17 Water-Related Recreation (§ 230.52) 4-9
  - 4.3.18 Aesthetics (§ 230.53) 4-9
  - 4.3.19 Parks, National and Historical Monuments, National Seashores, Wilderness Areas, Research Sites and Similar Preserves (§ 230.54) 4-9
  - 4.3.20 General Evaluation of Dredged or Fill Material (§§ 230.60, 230.61) 4-9
  - 4.3.21 Actions concerning the location of the discharge (§ 230.70) 4-9
  - 4.3.22 Actions concerning the material to be discharged (§ 230.71) 4-10
  - 4.3.23 Actions controlling the material after discharge (§ 230.72) 4-10
  - 4.3.24 Actions affecting the method of dispersion (§ 230.73) 4-10
  - 4.3.25 Actions related to technology (§ 230.74) 4-10
  - 4.3.26 Actions affecting plant and animal populations (§ 230.74) 4-10
  - 4.3.27 Actions affecting human use (§ 230.76) 4-11
  - 4.3.28 Other actions (§ 230.77) 4-11
- 4.4 Public-Interest Review Factors 4-11
  - 4.4.1 Conservation (§ 320.4(a)) 4-11
  - 4.4.2 Economics (§ 320.4(a)) 4-11
  - 4.4.3 Aesthetics (§ 320.4(a)) 4-12
  - 4.4.4 General Environmental Concerns (§ 320.4(a)) 4-12
  - 4.4.5 Wetlands (§ 320.4(a) & (b)) 4-12
  - 4.4.6 Historic, Cultural, Scenic, and Recreational Values (§ 320.4(a) & (e)) 4-12
  - 4.4.7 Fish and Wildlife Values (§ 320.4(a) & (c)) 4-13
  - 4.4.8 Floodplain Hazards, Values, and Management (§ 320.4(a) & (l)) 4-13
  - 4.4.9 Land Use (§ 320.4(a)) 4-14
  - 4.4.10 Navigation (§ 320.4(a) & (o)) 4-14
  - 4.4.11 Shore Erosion and Accretion (§ 320.4(a)) 4-14
  - 4.4.12 Water Supply and Conservation (§ 320.4(a) & (m)) 4-14
  - 4.4.13 Water Quality (§ 320.4(a) & (d)) 4-15
  - 4.4.14 Energy Needs, Energy Conservation and Development (§ 320.4(a) & (n)) 4-15
  - 4.4.15 Safety (§ 320.4(a)) 4-16
  - 4.4.16 Food and Fiber Production (§ 320.4(a)) 4-16
  - 4.4.17 Mineral Needs (§ 320.4(a)) 4-16
  - 4.4.18 Consideration of Property Ownership (§ 320.4(a) & (g)) 4-16
  - 4.4.19 Needs and Welfare of the People (§ 320.4(a)) 4-16
  - 4.4.20 Effects on Limits of the Territorial Sea (§ 320.4(f)) 4-17
  - 4.4.21 Activities Affecting Coastal Zones (§ 320.4(h)) 4-17
  - 4.4.22 Activities in Marine Sanctuaries (§ 320.4(h)) 4-17
  - 4.4.23 Other Federal, State, or Local Requirements (§ 320.4(j)) 4-17

JPA Overview

4.4.24 Safety of Impoundment Structures (§ 320.4(k)) 4-17
4.4.25 Environmental Benefits (§ 320.4(p)) 4-17
4.4.26 Mitigation (§ 320.4(r)) 4-17

5.0 Mitigation 5-1
5.1 Avoidance 5-1
5.1.1 Avoidance and Minimization by Selection of Pipeline Crossing Method 5-1
5.1.1.1 Pipeline Crossing Methods 5-1
5.1.1.2 Pipeline Crossing Constraints 5-5
5.1.1.3 Comparison of Environmental Effects 5-11
5.1.1.4 Determination of Proposed Crossing Methods 5-12
5.1.2 Avoidance Through Alignment Selection 5-12
5.1.3 Avoidance Through ROW Configuration 5-12
5.1.4 Site-Specific Onsite Avoidance Measures 5-13
5.1.5 Avoidance Actions Dictated by Other Authorities 5-13
5.2 Minimization 5-13
5.2.1 Instream Pipeline Construction Practices 5-13
5.2.2 Wetland Pipeline Construction Practices 5-14
5.2.3 Duration of Pipeline Construction Activities in Waters 5-14
5.2.4 Construction Practices Adjacent to Aquatic Resources 5-14
5.2.5 Stream Crossing Geometry 5-14
5.2.6 Time-of-Year Restrictions 5-14
5.2.7 Wetland and Stream Crossings in ATWS 5-14
5.2.8 Restoration of Temporary Wetland Impacts 5-15
5.2.9 Restoration of Temporary Stream Impacts (Pipeline) 5-16
5.2.10 Long-Term ROW Maintenance in Wetlands 5-16
5.3 Compensation 5-17

6.0 Public Involvement 6-1

7.0 Environmental Justice 7-1

Figures 7-4

Tables 7-5

Attachments 7-6

FIGURES

Figure 1 Amendment Project Overview Map
Figure 2 U.S. Geological Survey Amendment Project Location Map
Figure 3 Detail Map
Figure 4 USACE Norfolk District Wetland and Waterbodies Overview Map
Figure 5 USACE Wilmington District Wetland and Waterbodies Overview Map

TABLES

Table 1 Section 10 River Crossings
Table 2 Stream Impacts
Table 3 Wetland Impacts
Table 4 Stream Impact Summary
Table 5 Wetland Impact Summary
Table 6 Counties and Towns Crossed by the Amendment Project
Table 7 Watersheds Crossed by the Amendment Project
Table 8 List of Affected Landowners
Table 9 State and Federal Permit Status
Table 10 Dry-Ditch Open-Cut Crossing Method Cost
Table 11 Bore Crossing Method Cost
Table 12 Crossing Method Determination Summary
Table 13 Streams and Wetlands Avoided at the Direction of Other Federal or State Authorities
Table 14 Wetland Mitigation
Table 15 Stream Mitigation

Attachments

Attachment A VA DEQ 401 WQC Information and VWP Permit Application
Attachment B NC DEQ 401 WQC Information
Attachment C VMRC Permit
Attachment D USACE Norfolk District ENG Form 4345
Attachment E USACE Wilmington District ENG Form 4345
Attachment F USACE Norfolk District Standard JPA Form
Attachment G Plan and Profile Crossing Drawings and Inadvertent Return Plan
Attachment G-1 Section 10 Waters Plan and Profile Crossing Drawings
Attachment G-2 Virginia Plan and Profile Crossing Drawings
Attachment G-3 Inadvertent Return Plan
Attachment H Wetland and Stream Data Forms and Photographs
Attachment H-1 USACE Norfolk Stream Data Forms
Attachment H-2 USACE Norfolk Wetland Data Forms
Attachment H-3 USACE Wilmington Stream Data Forms
Attachment H-4 USACE Wilmington Wetland Data Forms
Attachment I Construction Details
Attachment J Compensatory Mitigation
Attachment J-1 USACE Norfolk Stream USM Forms
Attachment J-2 Mitigation Affidavits & Purchase Agreements
Attachment K Cumulative Impacts Analysis
Attachment L Economic Benefit Analysis
Attachment M Supplemental Public Interest Comments

JPA Overview - VA DEQ Appendix

MOUNTAIN VALLEY PIPELINE, LLC

MVP SOUTHGATE AMENDMENT PROJECT

VIRGINIA DEPARTMENT OF ENVIRONMENTAL QUALITY
401 WATER QUALITY CERTIFICATION AND VIRGINIA WATER PROTECTION PERMIT APPLICATION

CONTENTS

1.0 PROJECT INFORMATION 1
2.0 VWP PERMIT APPLICATION 1
3.0 401 CERTIFICATION REQUEST 2
4.0 ADDITIONAL INFORMATION 2

FIGURES

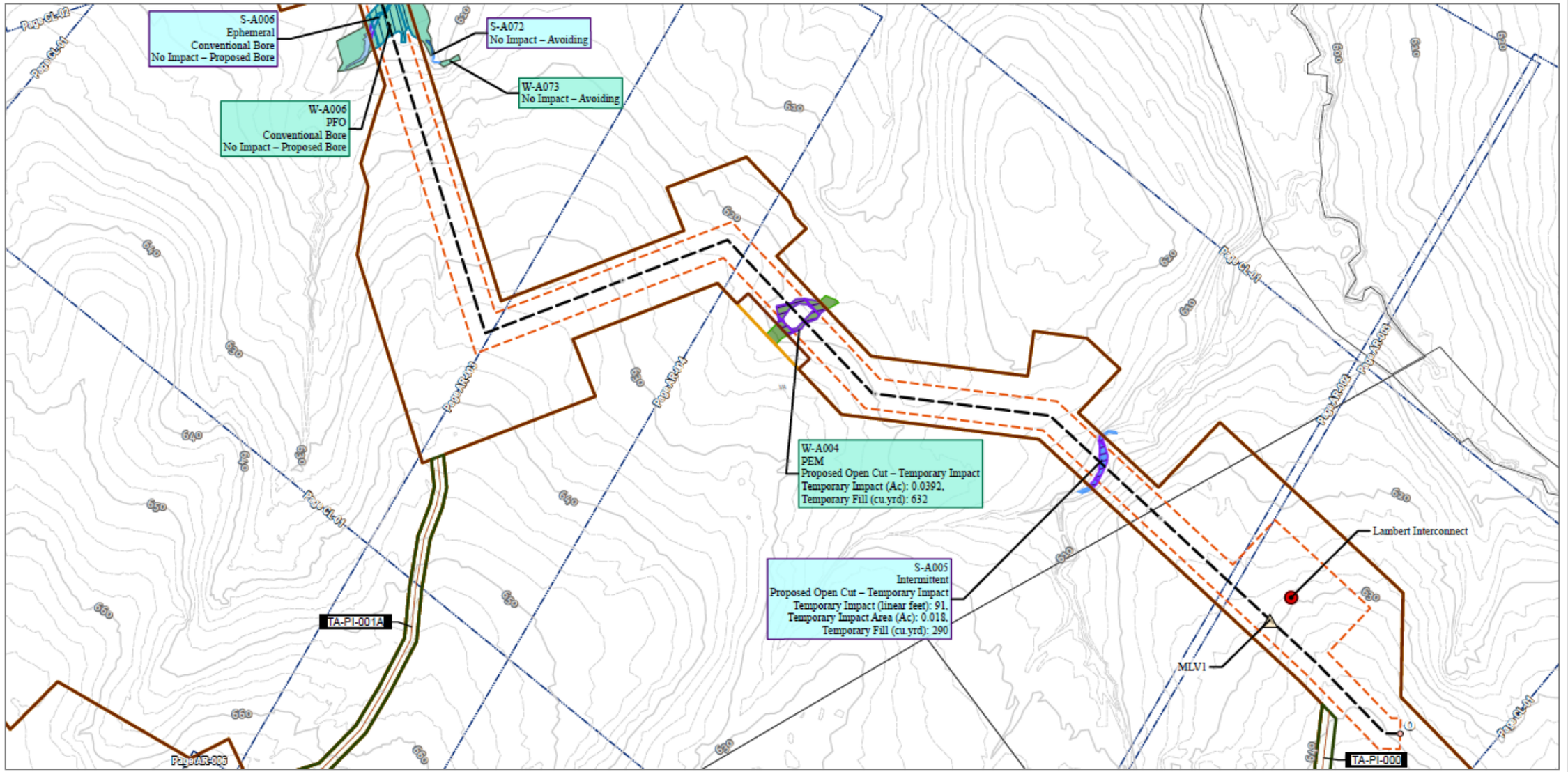
Figure A-1 Areas Subject to Protective Instruments
Figure A-2 Wetland and Waterbody Impacts

TABLES

Table A-1 Virginia Stream Impacts
Table A-2 Virginia Wetland Impacts
Table A-3 Virginia Stream Impact Summary
Table A-4 Virginia Wetland Impact Summary

ATTACHMENTS

Attachment A-1 VWP Regulatory Checklist
Attachment A-2 Virginia Water Protection Permit Program Property-Access Agreement
Attachment A-3 Riparian Property Owner Information
Attachment A-4 USACE Norfolk District PJD Approval
Attachment A-5 Virginia DCR and DWR Correspondence

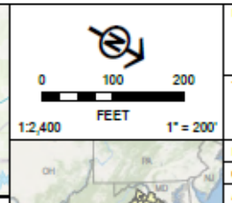


- TENTH MILE POST
- MILE POST
- MAIN LINE VALVE
- METER STATIONS
- H-650 PIPELINE
- TEMPORARY ACCESS ROAD
- TEMPORARY ACCESS ROAD
- OPERATIONAL WORKSPACE
- SURVEY AREA
- LIMITS OF CONSTRUCTION WORKSPACE

STREAM IMPACT
- TEMPORARY
- PERMANENT
- EPHEMERAL SURFACE WATER
- INTERMITTENT SURFACE WATER

WETLAND IMPACT
- TEMPORARY
- CONVERSION
- PALUSTRINE FORESTED
- ELEVATION - CONTOUR - INDEX
- ELEVATION - CONTOUR - INTERMEDIATE
- ADJACENT SHEET
- PARCEL BOUNDARY
- COUNTY BOUNDARY

NOTES:
1: THIS FIGURE IS INTENDED TO BE VIEWED OR PRINTED IN COLOR ON 11"X17" SIZE SHEET.
2: BASE MAP SERVICES: ESRI, CGIAR, USGS, SOURCES: ESRI, TOMTOM, GARMIN, FAO, NOAA, USGS, © OPENSTREETMAP CONTRIBUTORS, AND THE GIS USER COMMUNITY, ESRI, GEBCO, GARMIN, NATURALVUE



0 100 200
FEET
1:2,400 1" = 200'

PROJECT: MVP Southgate Amendment Project
Pittsylvania County, Virginia

TITLE:
FIG A-2
VA WETLAND AND WATERBODY IMPACT

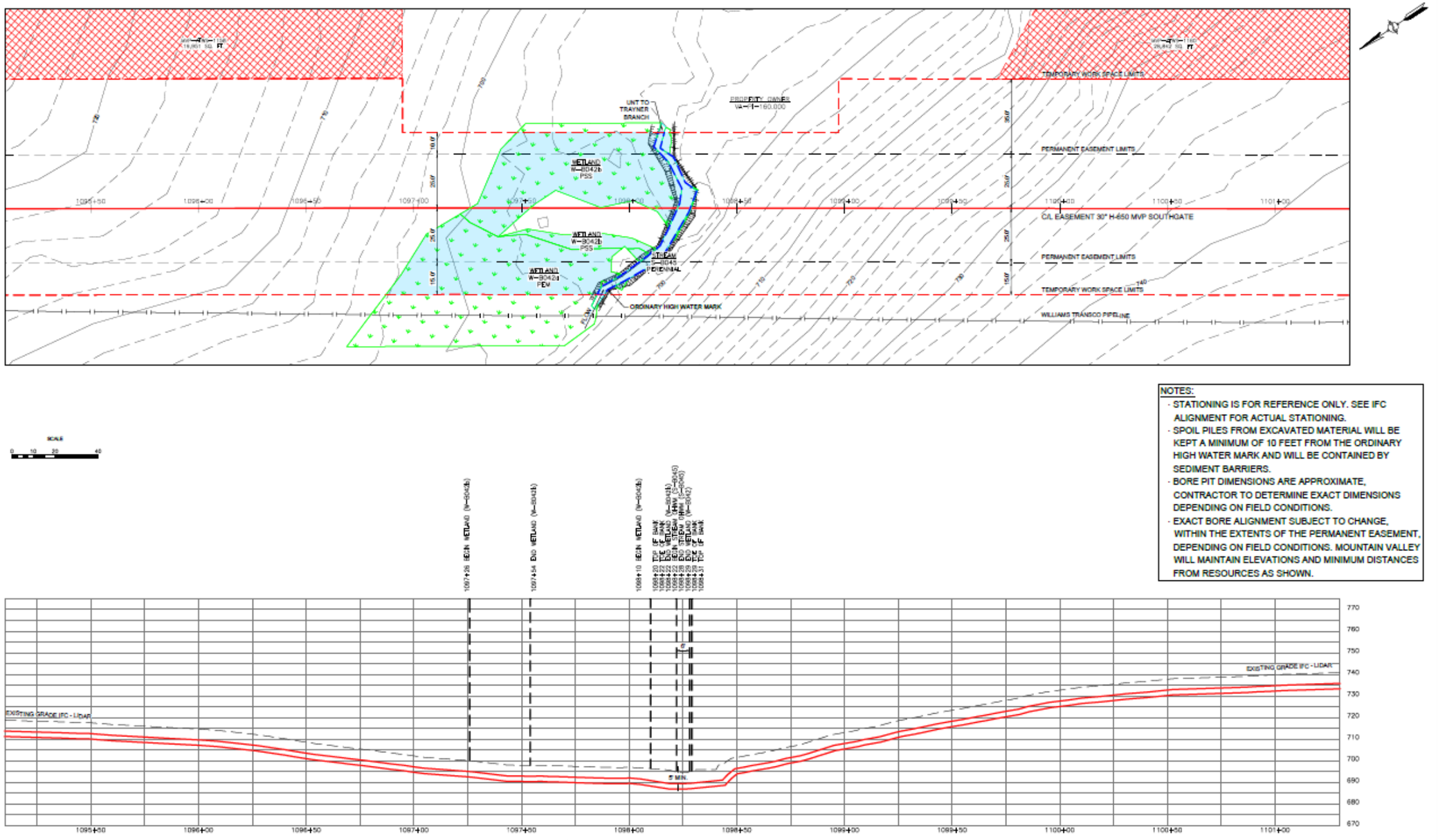
DRAWN BY:	J. THOMAS	PROJ. NO.:	300423
CHECKED BY:	A. HORRIE		
APPROVED BY:	M. TACKEL		
DATE:	APRIL 2025		

PAGE: 1
CL-001

TRC
10007 E 59TH STREET
TULSA, OK 74146
PHONE: 918.496.0400

FILE: SOUTHGATEIP_DATAPROCESSING.APRX

PA Overview
Impact Maps



NOTES:

- STATIONING IS FOR REFERENCE ONLY. SEE IFC ALIGNMENT FOR ACTUAL STATIONING.
- SPOIL PILES FROM EXCAVATED MATERIAL WILL BE KEPT A MINIMUM OF 10 FEET FROM THE ORDINARY HIGH WATER MARK AND WILL BE CONTAINED BY SEDIMENT BARRIERS.
- BORE PIT DIMENSIONS ARE APPROXIMATE, CONTRACTOR TO DETERMINE EXACT DIMENSIONS DEPENDING ON FIELD CONDITIONS.
- EXACT BORE ALIGNMENT SUBJECT TO CHANGE, WITHIN THE EXTENTS OF THE PERMANENT EASEMENT, DEPENDING ON FIELD CONDITIONS. MOUNTAIN VALLEY WILL MAINTAIN ELEVATIONS AND MINIMUM DISTANCES FROM RESOURCES AS SHOWN.

LEGENDS

PROJECTION: UTM ZONE 17
HORIZONTAL DATUM: NAD 83 US SURVEY FEET
VERTICAL DATUM: NAVD88

REFERENCE DRAWINGS

DRAWING NUMBER	TITLE
PP-PNA-H-652-45	ALIGNMENT SHEET

REVISIONS

REV.	BY	DATE	DESCRIPTION
P1	TRC	04/2025	ISSUED FOR PERC

APPROVED FOR BIDDING

REV.	BY	DATE

APPROVED FOR CONSTRUCTION

REV.	BY	DATE

HORZ. SCALE: 1" = 20'
DRAWN BY: TRC 2/13/2025
DRAFTING CK:
ENGINEERING CK:
CONSTRUCTION CK:
ENVIRONMENTAL CK:
APM P.O.NO.:
TRC PROJECT NO.: 300429
DRAWING NO.: PP-H650-050
SHEET: 1 OF 1 REV: P1
DATE OF PLOT: 4/10/2025 4:38:12 PM

Mountain Valley PIPELINE

PLAN & PROFILE
CROSSING 057
MVP SOUTHGATE AMENDMENT PROJECT
PROPOSED H-650 PIPELINE
PITTSYLVANIA COUNTY, VA

JPA Overview Plan & Profile Drawings

Compensatory Mitigation

- Stream Credits
  - Mitigation for Permanent Impacts Determined by USM
  - Need: 45 credits
  - 45 Credits to be reserved from either Beaverdam or Copper Hill

- Wetland Credits
  - Mitigation for Conversion Impacts Using DEQ's Standard Ratios*
  - Need: 6.0 credits
  - 0.64 credits reserved from Beaverdam Creek Mitigation Bank (release pending)
  - 0.87 credits reserved from Copper Hill Mitigation Bank (release pending)
  - PRM project under development as safety valve

*No proposed loss of wetland area in VA

Questions?

MVP
SOUTHGATE

MVP Southgate Project
Meeting Minutes

Meeting Date: April 3, 2025
Meeting Location: Microsoft Teams
Meeting Minutes Prepared By: Abby Heller-Leib
April 3, 2025

Participants:

Trisha Beasley	VDEQ	Director, Operations
Melanie Davenport	VDEQ	Director, Cross-Media Programs
Steven Hardwick	VDEQ	VWP Permit and Compliance Coordinator
Mike Mussomeli	VDEQ	Environmental Specialist
Brenda Winn	VDEQ	Senior Program Coordinator
John Tessier	NextEra	Environmental Manager
Nic Dale	NextEra	Senior Environmental Specialist
Justin Curtis	AquaLaw	External Council
Jim Sabol	EQT	Project Manager
Cory Chalmers	EQT	Permitting Specialist
Abby Heller Leib	Burns & McDonnell	Environmental Consultant
Christian King	Burns & McDonnell	Environmental Consultant

Meeting Purpose:

MVP Southgate JPA Pre-App Meeting with Virginia Department of Environmental Quality

Discussion Points:

- Introductions
- Purpose and Agenda

- VDEQ – notable difference from last time (Mainline) is that the decision sits with DEQ rather than a citizen board.
    i. Make sure the administrative record is strong since this is not going to the State Water Control Board
    b. There will be a predisposition from DEQ perspective to follow the process, evaluation, and overall framework for Mainline
    c. Since the permit got through the Fourth Circuit, they are planning to default on how things were done on Mainline, even if tenuous. Looking for this process to be successful as well.

- Key Dates
    a. JPA was filed in November 2018 and withdrawn in August 2019 due to Mainline concerns. Southgate was still certificated in June 2020
    b. Initially met with VDEQ in September 2024 to discuss the Southgate Amendment
    c. MVP is planning to submit the JPA in April 2025

- Project Overview

- Project Purpose and Need
  a. PSNC and Duke have a need in NC; Southgate provides them with reliability and operational flexibility
  b. Duke is focusing on cutting coal emissions and looking to natural gas.

- Avoidance and Minimization Approach
  a. Offsite Alternative Analysis looking at major route/transportation alternatives
     i. Route variations and workspace configuration alternatives
  b. Onsite Alternatives
     i. Site-specific crossing method alternatives (trenchless vs. open cut)
        1. Evaluation of access road impacts, including site-specific evaluation of each access road crossing
  c. Minimization measures
     i. Various measures documented in the JPA - (ROW reduction, feature buffers, etc.)

- Focus on a methodological process to find LEPDA
  a. By shifting workspaces and routes, etc.
  b. MVP is repeat processes that worked best (RE: Fourth Circuit)
  c. Lessons learned on Mainline: documenting access road impacts initially vs. after the fact (as was the case on Mainline after comments from the EPA and Appalachian Voices)

- The decision has been made to apply for an individual permit even though it could potentially be covered under GPs
  a. Yes, even though it is the Corps' discretion in how to process applications. VDEQ clarified that their regulations state it is the applicant's discretion on what permit to apply for.
     i. Following lessons learned from Mainline
     ii. Trying to skip the processes that may have been problematic before (issues with NWP, reapplications, reissues, Fourth Circuit, and then ultimately did IP anyway).

- The route is generally constrained by the FERC alignment. How confident are we that the alignment we have now will stand and will not be changed by FERC?
  a. Highly confident – the majority of the route that is in JPA is the same as what was in FEIS and was certificated in 2020.
     i. Changes that have been incorporated still reflect the LEPDA
     ii. FEIS was already completed; FERC will do an additional review and update the prior review but is working from an existing NEPA analysis
     iii. Things will inevitably come up, but the route should be pretty locked in at this stage
     iv. If there are significant changes to alignment, this whole process would start again.

- VDEQ – can you speak to sharing ROW with Transco and construction timing, coordination, etc., as it has already been mentioned/brought up by the opposition.
  a. MVP and Transco have been coordinating both on the route to avoid conflicts with construction and location.
     i. Coordination on the route to avoid conflicts, with delineations and PJD (to ensure consistency), crossing methods and how those are determined, sedimentation analysis
     ii. Have started some preliminary discussions with VDEQ/Transco on ESC and stormwater – and will continue that coordination.
        1. Purpose and need – there is a strong record being built that there are two separate projects that are serving different needs even though they are geographically close to each other.

b. Overlapping LOD--VDEQ asked about sharing crossing locations or looking at timing for crossings occurring at the same location as minimization tactics—MVP noted potential PHMSA and safety issues, etc.
    i. Timing is still a question mark – it is likely Southgate will be constructing first; schedules will become clearer as it gets closer.
c. If there are impacts or discharges to the same land/area, whose fault is it? How would DEQ determine who is responsible?
    i. VDEQ – If both projects go forward and you end up in a situation of non-compliance, could you legally make a partnership to write a joint NOV?
        1. Unique situation and may need to devote time outside of the application process on how it is going to work, what DEQ would need to prepare for and address, and how it has been approached for other utility projects.
        2. Sitting down with both parties and DEQ is an option. The major factor will come down to timing, and a number of scenarios may be limited as it gets closer to construction.

- VDEQ – in terms of Transco and MVP projects: one is going through IP and getting upland 401 cert., and the other pipeline is going through IP—no upland 401 cert.
    a. The Upland 401 Cert process is defined by statute but as far as the substance of the conditions and minimization measures, a lot of the conditions are already incorporated into Southgate (Water Resources Identification and Testing Plan, etc.).
        i. Not proposing not upland monitoring plan and financial assurance. Karst is not applicable for Southgate.
        ii. *Worthwhile noting that the project already meets many (clarify which) of the requirements of the upland 401 cert., even if not required.*
            1. Meeting the "spirit" of the upland 401 if not applying for it.
        iii. On Mainline-continuous monitoring with USGS: is it worth looking at the data to see what it did or did not show (i.e., was it worth it—did it do anything).

- MVP has started some coordination with DEQ on stormwater; understand that coordination with Transco happens so that two alignments and approaches are in sync to keep everybody in compliance.
    a. We are still working on getting a good set of plans in place and are in a good position but continuing to work on them.
    b. Will continue conversations with DEQ and Transco.

- MVP is able to assist with the administration/administrative record similar to what was done on Mainline if needed.

- Will a mitigation framework be completed for Southgate as it was for Mainline?
    a. MVP has baseline assessments and mitigation framework, but we plan to hold it and deploy that information only if needed.
        i. The additional points – temporal mitigation, etc. that go above regulatory requirements are not being included yet.

- Impact Map review--
    a. On Mainline, previously, the table lined up well with the figure. Cross references should easily tie the map to tables.
    b. Crossing method alternatives identifies unique crossing number that ties to the resources impacted by that crossing.

i. Suggested adding the crossing number to the impact figures showing the grouped crossings
    1. Adding crossing number to impact mapping would be excellent but not necessary if there is a big lift.

c. Culverted crossings need longitudinal profile drawings for permanent impacts.

- VDEQ noted that MVP might want to consider adding somewhere a graphic definition of "crossing" and "impact area" - show graphically Justin's description of how MVP interprets those.

- VDEQ – think it would be worth a conversation outside of this application meeting on how to handle overlapping LOD with Transco
    i. During that meeting, discuss the agency handling of cumulative impacts
    ii. The current plan is to have a non-project-specific specific conversation with Justin next week.

- Logistics – we will submit to VMRC through the regular course. Is there a preferred alternative delivery method?
    a. Two hard copies of drawings, narrative, and substantial items.
    b. Thumb drive is the most preferred
        i. Thumb drive copy <u>needs to be a signed copy</u>.
    c. Consider file size – it was a huge time suck during court proceedings on Mainline.
        i. It may be simpler to submit each file irrespective of size and then break it down later—MVP can assist in the administrative record side of things.

- Submittal in April – next few weeks
- VDEQ requested a copy of the PowerPoint used during the meeting, if possible.

Outlook

RE: MVP Southgate Amendment JPA - Information Request

From Hardwick, Steven (DEQ) <steven.hardwick@deq.virginia.gov>
Date Mon 2025-04-28 9:01 AM
To King, Christian M <cmking2@burnsmcd.com>; Mussomeli, Michael (DEQ) <Michael.Mussomeli@deq.virginia.gov>
Cc Ferry, Lori M <lmferry@burnsmcd.com>; Heller Leib, Abigail (Abby) <ahellerleib@burnsmcd.com>; Tessier, John <john.tessier@nee.com>; Sabol, James <james.sabol@eqt.com>; Jennifer Brough <jbrough@sheppardmullin.com>; Justin Curtis <justin@aqualaw.com>; Pichardo, Robert <robert.pichardo@eqt.com>

Christian,

We've received the supplemental information and are currently reviewing your application.

Thank you,

Steve Hardwick
VWP Permit and Compliance Coordinator
Office of Wetlands and Stream Protection
Virginia Department of Environmental Quality
1111 East Main Street, Suite 1400
Richmond VA 23228
(804) 698-4168

From: King, Christian M <cmking2@burnsmcd.com>
Sent: Friday, April 25, 2025 11:49 AM
To: Hardwick, Steven (DEQ) <steven.hardwick@deq.virginia.gov>; Mussomeli, Michael (DEQ) <michael.mussomeli@deq.virginia.gov>
Cc: Ferry, Lori M <lmferry@burnsmcd.com>; Heller Leib, Abigail (Abby) <ahellerleib@burnsmcd.com>; Tessier, John <john.tessier@nee.com>; Sabol, James <james.sabol@eqt.com>; Jennifer Brough <jbrough@sheppardmullin.com>; Justin Curtis <justin@aqualaw.com>; Pichardo, Robert <robert.pichardo@eqt.com>
Subject: MVP Southgate Amendment JPA - Information Request

CAUTION: This Email originated from OUTSIDE of the COV. Do not open attachments or click links unless this email comes from a known sender and you know the content is safe..

Hi Steve and Mike,

Please see the following information below and attached to address the information request. Please let us know if you have any questions or require additional information.

1. Wetland and stream impact tables in Excel format

a. Please see the attached zipped folder (Attachment A – VA DEQ 401 and VWP Permit App Tables.zip)

2. Shapefiles of limits of disturbance and wetland delineation
    a. Please see the attached zipped folder (MVP_SouthgateAmendment_WetlandDelineation_VA.zip)
3. Latitude/Longitude of the centroid of the Project
    a. 36.687423, -79.487574
4. Summary of differences between the Original Certificated Route and the Amendment Route
    a. Please see the attached Excel spreadsheet summarizing the differences (MVP Southgate – Amendment and Original Certificated Route Differences). This includes the following:
        i. Summary of Project facility changes as outlined in Resource Report 1 of the Amendment Application to FERC
        ii. Summary of proposed route variations as outlined in Resource Report 10 of the Amendment Application to FERC

Thank you,

Christian King, PWS \ Burns & McDonnell
Staff Environmental Scientist \ Environmental Services
O 816-782-6028 \ **M** 317-416-6128
cmking2@burnsmcd.com \ burnsmcd.com
200 West Adams Street, Suite 2700 \ Chicago, IL 60606

Outlook

FW: 25-0752: DEQ Comment Letter 1 - MVP Southgate Amendment Project

From King, Christian M <cmking2@burnsmcd.com>
Date Thu 2025-05-01 2:41 PM
To Heller Leib, Abigail (Abby) <ahellerleib@burnsmcd.com>

1 attachment (93 KB)
25-0752_2025_05-01_APP_Addinfo Letter1 signed.pdf;

From: Mussomeli, Michael (DEQ) <Michael.Mussomeli@deq.virginia.gov>
Sent: Thursday, May 1, 2025 2:35 PM
To: jeffrey.klinefelter@eqt.com; King, Christian M <cmking2@burnsmcd.com>; Ferry, Lori M <lmferry@burnsmcd.com>
Cc: Vanderploeg, Steven A CIV USARMY CENAO (USA) <Steven.A.Vanderploeg@usace.army.mil>; Davenport, Melanie (DEQ) <Melanie.Davenport@deq.virginia.gov>; Winn, Brenda (DEQ) <Brenda.Winn@deq.virginia.gov>; Olivia.Yu@ferc.gov; Hardwick, Steven (DEQ) <Steven.Hardwick@deq.virginia.gov>; Vanderploeg, Steven A CIV USARMY CENAO (USA) <Steven.A.Vanderploeg@usace.army.mil>; Howell, Beth (MRC) <Beth.Howell@mrc.virginia.gov>
Subject: 25-0752: DEQ Comment Letter 1 - MVP Southgate Amendment Project

Dear Mr. Klinefelter, Mr. King, and Ms. Ferry:

Please find attached DEQ's initial comment letter on the application for a DEQ VWP Individual Permit for the above-referenced project.

We look forward to coordination with you and your project team. If you have any questions, please do not hesitate to contact me.

Sincerely,

Michael J. Mussomeli, PWS

Environmental Specialist II

Office of Wetlands and Streams Protection

Virginia Department of Environmental Quality

1111 East Main Street, Suite 1400

Richmond VA 23228

(804) 659-1986

Michael J. Mussomeli, PWS

Environmental Specialist II

Department of Environmental Quality | Central Office

1111 East Main Street

Richmond, VA 23219

(804) 659-1986

michael.mussomeli@deq.virginia.gov

www.deq.virginia.gov

Commonwealth of Virginia

VIRGINIA DEPARTMENT OF ENVIRONMENTAL QUALITY

www.deq.virginia.gov

Stefanie K. Taillon
Secretary of Natural and Historic Resources

Michael S. Rolband, PE, PWD, PWS Emeritus
Director

1 May 2025

Mountain Valley Pipeline, LLC
Attn: Jeffrey Klinefelter
9401 Courthouse Road, Suite B
Chesterfield, Virginia 23832

SENT VIA EMAIL: jeffrey.klinefelter@eqt.com

Re: Joint Permit Application No. 25-0752
MVP Southgate Amendment Project
Pittsylvania County, Virginia
Comment Letter

Dear Mr. Klinefelter:

On 18 April 2025, the Virginia Department of Environmental Quality (DEQ) received your Joint Permit Application (JPA) for the above-referenced project. DEQ is evaluating your application for a Virginia Water Protection (VWP) individual permit in accordance with VWP Permit Program Regulation 9VAC25-210-10 *et seq*. The following information is required to complete your application:

1. Section 2.3 of the JPA narrative states 'The need for the Amendment Project is to meet the specific requests for natural gas transportation service of its Foundation Shippers, PSNC and Duke.' Pursuant to 9VAC25-210-80 B.1(f), please elaborate and provide documentation of the stated need. While Attachments K (Economic Analysis) and L (Public Interest Comment [component of FERC Docket No. CP25-60-000]) provide rationale and comments for the proposed project, please provide additional documentation and references to support the need of the proposed project. Describe and reference in full within the need statement.

2. Section 4.1.3 of the narrative states preliminary jurisdictional determination (PJD) approval letters are pending. Pursuant to 9VAC25-210-80.B-1(h-4), please provide a copy of the PJD upon receipt from the U.S. Army Corps of Engineers (USACE).

3. Pursuant to 9VAC25-210-80 B-1(a) and 9VAC25-210-80 B.1(o), Section 1 and Section 9 of the Standard JPA form lists two (2) separate business names (Mountain Valley Pipeline, LLC and MVP Construction & Engineering, respectively). Please advise if MVP Construction & Engineering is a division or department of Mountain Valley Pipeline, LLC or a separate subsidiary or entity. If there is a separate subsidiary or entity, please revise forms to reflect the same company name.

4. Please provide a figure/mapping that shows the Amendment Project in comparison with the previous Federal Energy Regulatory Commission (FERC)-approved project, highlighting the departures in alignment.

5. Pursuant to 9VAC25-210-80 B.1(g) please provide the following additional information for Section 3.2.4 (System Alternatives):
   a) Please elaborate on the type and nature of retrofits or upgrade of existing systems and how they would result in a similar or greater impact than the proposed project.
   b) Please advise on the additional cost related to this alternative.
   c) The narrative states that the proposed project could not use the Southeast Supply Enhancement Project (SSEP) as a system alternative. Please elaborate why scope, capacity, and tariff specifications would make this alternative unfeasible. Additionally, please elaborate on necessary infrastructure improvements that would be required, cost, and additional surface waters impacts.

6. Pursuant to with 9VAC25-210-80 B.1(g), please provide the following additional information for Section 3.2.5 (Route Alternatives):
   a) In order to better review the route alternatives, please provide a table that lists alternatives considered, with columns with information containing wetland impacts, stream impacts, potential threatened/endangered species impacts, right-of-way impacts, total project area, and cost.
   b) Please provide mapping of route alternatives considered. Narrative refers to FERC Federal Environmental Impact Statement; please include details and maps as an attachment.
   c) In relation to avoidance and minimization measures, it is DEQ's understanding that the proposed SSEP pipeline, referenced in the JPA narrative, projects a concurrent construction schedule as the proposed project. These two (2) pipelines may be undergoing active construction immediately adjacent to each other simultaneously. Please describe, in detail, efforts to minimize impacts by sharing limits of disturbance, sequencing of construction activities so as not to incur greater, cumulative impacts, and any additional efforts to reduce impacts between the two (2) projects.

7. Item 20 of the Standard JPA notes excess material would be stockpiled in wetlands. It is not clear from the drawings of the stockpile locations. Please show where temporary stockpiles are located. In order to reduce temporary wetland impacts, please advise if it is possible to relocate stockpiles outside of wetlands.

8. Pursuant to 9VAC25-210-80 B-1(p), a permit application fee is required to complete the application and continue noticing the draft permit. Once the proposed impact information has been determined and confirmed, DEQ will notify you of the fee amount.

9. Appendix M - Mitigation proposes a credit reservation letter in which the Bank anticipates an initial credit release of 0.87 wetland credits and 700 stream credits in January 2026, additional release of 0.43 wetland credits (undated), and 2.61 wetland credits in mid-2027. Please provide a purchase agreement with the Bank establishing a contractual obligation to provide the required compensatory mitigation credits required, or other documents that meet the requirements of 9VAC25-210-80B-1 (m).

In addition to the above information required to complete the permit application, the following information is necessary to assist in DEQ's review of the application:

1. Section 4.2.7 (Spawning Areas) notes coordination with the Virginia Department of Wildlife Resources (DWR) regarding time-of-year restrictions (TOYRs) for waterbodies crossed by the proposed project. Documentation refers to surveys provided to DWR in 2019. These surveys may be outdated. As part of the individual permit review process, DEQ has initiated coordination from DWR and will advise/forward comments to you for response.

2. Section 4.2.9 (Freshwater Mussels) and 4.3.7 (Threatened and Endangered Species) notes ongoing coordination with U.S. Fish and Wildlife Service (USFWS). Please provide concurrences from USFWS upon receipt.

3. Section 4.1.4 states water withdrawal from Dan River (NC) for hydraulic directional drilling operations of both Dan and Sandy River. As the Sandy River is located approximately six (6) to eight (8) miles from the North Carolina border, please confirm if any water withdrawal activities will occur in Virginia. Also, please advise if water withdrawal associated with hydrostatic testing will be required.

4. Section 5.2.6 (Time-of-Year Restrictions) notes TOYR for streams designated as warmwater fisheries from 15 April-15 July. Additional TOYR may be required, pending coordination with DWR and USFWS.

5. Drawing No.'s MVP-SG-17, 17.1, 17.2, 17.3, 17.4, 17.7, and MVP-SGO-ES8 in Appendix J contain typical details regarding waterbars. These drawings are dated from 2018 and are related to the original mainline project. Please coordinate with DEQ Office of Stormwater as to whether these details are acceptable. If changes to details require additional workspace/extended LOD, impacts may need to be adjusted.

6. Please provide GIS shape files, or the equivalent, showing the project's overall limits of disturbance and aquatic resource impacts within Virginia.

DEQ is continuing review of the plan details and may provide additional comments either as an addendum or as part of the next comment letter. We look forward to future coordination for this project. Please contact me at (804) 659-1986 or michael.mussomeli@deq.virginia.gov if you have any questions.

Respectfully,

Michael J. Mussomeli, PWS
Environmental Specialist II

cc (via email): Christian King, Burns & McDonnell Engineering Company, Inc.
Lori Ferry, Burns & McDonnell Engineering Company, Inc.
Olivia Yu, Federal Energy Regulatory Commission
Steven VanderPloeg, USACE
Steve Hardwick, DEQ
Melanie Davenport, DEQ
Brenda Winn, DEQ
Beth Howell, VMRC

MVP Southgate Amendment Project
Meeting Minutes

Meeting Date:	May 7, 2025
Meeting Location:	Microsoft Teams
Meeting Minutes Prepared By:	Abby Heller-Leib May 21, 2025

Participants:

Melanie Davenport	VDEQ	Director, Cross-Media Programs
Brenda Winn	VDEQ	Senior Program Coordinator
Steve Hardwick	VDEQ	VWP Permit and Compliance Coordinator
Brenda Winn	VDEQ	Senior Program Coordinator
Kate Miller	VDEQ	Environmental Review
Becky Rochet	VDEQ	Deputy Director, Division of Water Permitting
John Tessier	NextEra	Environmental Manager
Nic Dale	NextEra	Senior Environmental Specialist
Justin Curtis	AquaLaw	External Council
Jim Sabol	EQT	Project Manager
Cory Chalmers	EQT	Permitting Specialist
Megan Neylon	EQT	Permitting Manager
Rob Pichardo	EQT	Internal Council
Lori Ferry	Burns & McDonnell	Environmental Consultant
Abby Heller Leib	Burns & McDonnell	Environmental Consultant
Christian King	Burns & McDonnell	Environmental Consultant

Meeting Purpose:

MVP Southgate Amendment VWP & ESC/SWM Check-in with Virginia DEQ

Discussion Points:

- VWP Application
  a. Process and Timeline / Public Hearing
     i. Question of requesting a public hearing vs. waiting for public comments
- Mountain Valley is committed to a full and transparent review of the Project.
  a. Not going to make people ask; recognize that it is something that should be scheduled in the beginning.
  ii. One public hearing-one location
- Kate Miller has been tasked with finding a suitable venue. Mountain Valley can help coordinate (as Mountain Valley did for Mainline).
  a. Timeframe of review
- If Mountain Valley turns additional information requests around quickly and VDEQ does not have multiple, their internal estimated timeframe shrinks down.

i. What about as an emergency project under EO?
    1. Unsure what a reasonable period would be, but want to ensure VDEQ has enough time for a complete and defensible review.

- Mountain Valley/DEQ to coordinate to reach out to the Corps about what the reasonable period should be.
    1. There has not been anything directed to FERC and FWS about the EO timeframe.

b. Mitigation
    i. PRM project in the works as an "in case of emergency" behind the scenes.
        1. If this is going to be submitted, it should be put in ASAP.

- If Mountain Valley brings PRM to the table, DEQ will do their best to do a quick review and turnaround.
    i. DEQ needs more than a credit reservation letter for them to deem the application complete.
        1. There has to be a demonstration of compensation.
        2. Want a letter showing the actual availability of credits. VDEQ will not authorize an impact unless they have 100% certainty that they will be compensated for loss.

b. 5/1 Add-Info Request
    i. Point of contact for clarification is Mike Mussomeli.

- Steve Hardwick requested that both Mountain Valley and Transco coordinate their ROW, workspaces, access roads, etc., to minimize impacts.

- ESC & SWM Plans

a. Plan Development and Review Process
    i. DEQ wants to review plans because of the overlap
    ii. Will do review in-house vs. 3rd party (which they did for Mainline)
        1. The review would be tracked on VDEQ's PEEP website. They expect it to follow the target plan-review timeline of 155 days.
        2. Review team: April Rhodes, Chance Ballard, Becky Rochet
            a. Recommend pre-app meeting to make sure stormwater compliance is on the same page, and any overarching issues are addressed.
            b. ENS will be the driving factor in the plan review.
            c. Different reviewer, but the same team would manage both projects (i.e., Transco) to ensure they are working together.
    iii. Our preference would be to keep things simple. No objection to submitting the plans to VDEQ for review. Full plan review and approval process may not be appropriate.
    iv. Making progress on plans—we are getting close and have a good working draft of the ENS--working closely with SSEP to ensure we have the right conversations with respective groups.

- Potential for ESC/SWM-related issues to arise between Mountain Valley/Transco during construction. What happens if there is a conflict? How do you assess the responsible party, etc.

a. VDEQ can give both parties an opportunity to hash out issues collaboratively with the objective of developing a set of SOPs to outline how foreseeable issues will be addressed.
    i. Clearly lay out processes and how issues will be addressed -- will become more clear as timelines become closer.
2. DEQ agreed that this makes sense and assumes there will be more to come as we move through this process.

- Analysis of Existing Water Quality Monitoring Data
  a. Task and Purpose
     i. DEQ received complaints and years of allegations that they were destroying water quality during Mainline. Similar allegations will likely come up.
        1. Assume the data will show no/minimal impact, but analysis of that data is the only way to show that.
        2. VDEQ must demonstrate that they protected water quality.
           a. Reached out to USGS to analyze their data
           b. Looking into VDEQ looking at their own data
              i. The intent is for VDEQ to do post-construction observations and compare them to pre-construction.
     ii. USGS data showed more sedimentation from rain; all data tells a consistent story.
     iii. Need to collate to show that data doesn't validate allegations.
- Irrespective of what USGS does, Mountain Valley has most of the data--could work with Williams (tentatively) to pull together a technical report and cite sources/draw conclusions from the data?
    1. Submit as part of the VWP application but would be applicable to other permits/approvals.
    2. VDEQ would want to have a kick-off with the appropriate people beforehand to agree on a scientific approach and make sure the right analysis is done.
       a. Do not want to have something completed and then have methods questioned after the fact.
- Assuming Transco is willing, Mountain Valley/Transco to put together a TOC/outline to show what analysis would entail with VDEQ/maybe USGS to make sure it would be sufficient for their purposes.

Outlook

RE: 25-0752: DEQ Comment Letter 1 - MVP Southgate Amendment Project

From King, Christian M <cmking2@burnsmcd.com>
Date Fri 2025-05-30 2:33 PM
To Mussomeli, Michael (DEQ) <Michael.Mussomeli@deq.virginia.gov>; jeffrey.klinefelter@eqt.com <jeffrey.klinefelter@eqt.com>; Ferry, Lori M <lmferry@burnsmcd.com>
Cc Vanderploeg, Steven A CIV USARMY CENAO (USA) <Steven.A.Vanderploeg@usace.army.mil>; Davenport, Melanie (DEQ) <Melanie.Davenport@deq.virginia.gov>; Winn, Brenda (DEQ) <Brenda.Winn@deq.virginia.gov>; Hardwick, Steven (DEQ) <Steven.Hardwick@deq.virginia.gov>; Vanderploeg, Steven A CIV USARMY CENAO (USA) <Steven.A.Vanderploeg@usace.army.mil>; Howell, Beth (MRC) <Beth.Howell@mrc.virginia.gov>; Tessier, John <john.tessier@nee.com>; Heller Leib, Abigail (Abby) <ahellerleib@burnsmcd.com>

Hi Mike,

Please see the link below that contains a response letter and attachments to the initial comment letter sent by DEQ on May 1, 2025. Please let us know if you have any issues accessing the materials or have any questions in your review of the responses and associated attachments.

Final_VDEQ_AddInfoRequest_Response_May 30, 2025

Thank you,

Christian King, PWS \ Burns & McDonnell
Staff Environmental Scientist \ Environmental Services
O 816-782-6028 \ **M** 317-416-6128
cmking2@burnsmcd.com \ burnsmcd.com
200 West Adams Street, Suite 2700 \ Chicago, IL 60606

From: Mussomeli, Michael (DEQ) <Michael.Mussomeli@deq.virginia.gov>
Sent: Thursday, May 1, 2025 2:35 PM
To: jeffrey.klinefelter@eqt.com; King, Christian M <cmking2@burnsmcd.com>; Ferry, Lori M <lmferry@burnsmcd.com>
Cc: Vanderploeg, Steven A CIV USARMY CENAO (USA) <Steven.A.Vanderploeg@usace.army.mil>; Davenport, Melanie (DEQ) <Melanie.Davenport@deq.virginia.gov>; Winn, Brenda (DEQ) <Brenda.Winn@deq.virginia.gov>; Olivia.Yu@ferc.gov; Hardwick, Steven (DEQ) <Steven.Hardwick@deq.virginia.gov>; Vanderploeg, Steven A CIV USARMY CENAO (USA) <Steven.A.Vanderploeg@usace.army.mil>; Howell, Beth (MRC) <Beth.Howell@mrc.virginia.gov>
Subject: 25-0752: DEQ Comment Letter 1 - MVP Southgate Amendment Project

Dear Mr. Klinefelter, Mr. King, and Ms. Ferry:

Please find attached DEQ's initial comment letter on the application for a DEQ VWP Individual Permit for the above-referenced project.

We look forward to coordination with you and your project team. If you have any questions, please do not hesitate to contact me.

Sincerely,

Michael J. Mussomeli, PWS

Environmental Specialist II

Office of Wetlands and Streams Protection

Virginia Department of Environmental Quality

1111 East Main Street, Suite 1400

Richmond VA 23228

(804) 659-1986

Michael J. Mussomeli, PWS

Environmental Specialist II

Department of Environmental Quality | Central Office

1111 East Main Street

Richmond, VA 23219

(804) 659-1986

michael.mussomeli@deq.virginia.gov

www.deq.virginia.gov

Outlook

FW: JPA: 20250752 in Pittsylvania, Applicant: Mountain Valley Pipeline, LLC

From King, Christian M <cmking2@burnsmcd.com>
Date Tue 2025-05-20 1:48 PM
To Ferry, Lori M <lmferry@burnsmcd.com>; Heller Leib, Abigail (Abby) <ahellerleib@burnsmcd.com>

This is where I got the link and what he is referring to.

From: Mussomeli, Michael (DEQ) <Michael.Mussomeli@deq.virginia.gov>
Sent: Tuesday, May 20, 2025 1:33 PM
To: King, Christian M <cmking2@burnsmcd.com>
Subject: Fw: JPA: 20250752 in Pittsylvania, Applicant: Mountain Valley Pipeline, LLC

Michael J. Mussomeli, PWS

Environmental Specialist II

Office of Wetlands and Streams Protection

Virginia Department of Environmental Quality

1111 East Main Street, Suite 1400

Richmond VA 23228

(804) 659-1986

Michael J. Mussomeli, PWS

Environmental Specialist II

Department of Environmental Quality | Central Office

1111 East Main Street

Richmond, VA 23219

(804) 659-1986

michael.mussomeli@deq.virginia.gov

www.deq.virginia.gov

From: Crist, Shawn (DEQ) <Shawn.Crist@deq.virginia.gov>
Sent: Thursday, May 15, 2025 6:48 AM
To: Winn, Brenda (DEQ) <Brenda.Winn@deq.virginia.gov>; Mussomeli, Michael (DEQ) <Michael.Mussomeli@deq.virginia.gov>
Cc: Fletcher, Timothy (DEQ) <Timothy.Fletcher@deq.virginia.gov>
Subject: FW: JPA: 20250752 in Pittsylvania, Applicant: Mountain Valley Pipeline, LLC

FYI. The Southgate Response has been submitted. There are several of the same e-mails with broken links to the files. Its probably more efficient to go HERE for all of the 5/14 files that were the submittal. I can forward all of the MRC notifications, but they are just more of the same e-mail with links to the files.

From: Howell, Beth (MRC) <beth.howell@mrc.virginia.gov>
Sent: Wednesday, May 14, 2025 5:02 PM
To: CENAO.REG_ROD@usace.army.mil; DEQ-BRRO VWP <brro.vwp@deq.virginia.gov>
Subject: JPA: 20250752 in Pittsylvania, Applicant: Mountain Valley Pipeline, LLC

Revision Notice

Virginia Marine Resources Commission, Habitat Management Division, would like to notify you of the revision to permit application 20250752.

Please click this link to see the specific revision documents:

Revision#: 243153

Please click the link below for full application details.

Application: 20250752

Applicant: Mountain Valley Pipeline, LLC
Locality: Pittsylvania
Project Description: MVP Southgate Amendment Project
Date Received: April 14, 2025
Engineer: Claire Gorman

Should you have any questions regarding this permit application, please do not hesitate to contact Claire Gorman at (757) 247-2285 or Claire.Gorman@mrc.virginia.gov

Virginia Marine Resources Commission
Phone: (757) 247-2252

Email: jpa.permits@mrc.virginia.gov

Viewing application and related documents requires Google Chrome, Mozilla Firefox, Safari, or Microsoft Edge.

Outlook

RE: MVP Southgate Amendment JPA - Information Request

From King, Christian M <cmking2@burnsmcd.com>
Date Wed 2025-05-21 11:25 AM
To Mussomeli, Michael (DEQ) <Michael.Mussomeli@deq.virginia.gov>; Ferry, Lori M <lmferry@burnsmcd.com>
Cc Hardwick, Steven (DEQ) <Steven.Hardwick@deq.virginia.gov>; Winn, Brenda (DEQ) <Brenda.Winn@deq.virginia.gov>; Heller Leib, Abigail (Abby) <ahellerleib@burnsmcd.com>; Tessier, John <john.tessier@nee.com>

Hi Mike,

Following our phone conversation, I am confirming that the links posted on the VMRC website contain only information from the JPA application submittal on April 11, 2025. No responses to additional information requests have been sent or uploaded to the VMRC website.

Thank you,
Christian

From: Mussomeli, Michael (DEQ) <Michael.Mussomeli@deq.virginia.gov>
Sent: Thursday, May 15, 2025 8:17 AM
To: King, Christian M <cmking2@burnsmcd.com>; Ferry, Lori M <lmferry@burnsmcd.com>
Cc: Hardwick, Steven (DEQ) <Steven.Hardwick@deq.virginia.gov>; Winn, Brenda (DEQ) <Brenda.Winn@deq.virginia.gov>
Subject: Re: MVP Southgate Amendment JPA - Information Request

Good morning Christian/Lori:
We received a notice about a posting on the VMRC website regarding additional information submitted. It appears that content within the links on the VMRC website were related to the Cumulative Analysis appendix; however, some of the links were broken and we wished to determine if contained comment response from our 1 May letter. Could you advise?

Thanks,

Michael J. Mussomeli, PWS

Environmental Specialist II

Office of Wetlands and Streams Protection

Virginia Department of Environmental Quality

1111 East Main Street, Suite 1400

Richmond VA 23228

(804) 659-1986

Michael J. Mussomeli, PWS

Environmental Specialist II

Department of Environmental Quality | Central Office

1111 East Main Street

Richmond, VA 23219

(804) 659-1986

michael.mussomeli@deq.virginia.gov

www.deq.virginia.gov

From: King, Christian M <cmking2@burnsmcd.com>
Sent: Friday, April 25, 2025 11:49 AM
To: Hardwick, Steven (DEQ) <steven.hardwick@deq.virginia.gov>; Mussomeli, Michael (DEQ) <michael.mussomeli@deq.virginia.gov>
Cc: Ferry, Lori M <lmferry@burnsmcd.com>; Heller Leib, Abigail (Abby) <ahellerleib@burnsmcd.com>; Tessier, John <john.tessier@nee.com>; Sabol, James <james.sabol@eqt.com>; Jennifer Brough <jbrough@sheppardmullin.com>; Justin Curtis <justin@aqualaw.com>; Pichardo, Robert <robert.pichardo@eqt.com>
Subject: MVP Southgate Amendment JPA - Information Request

Hi Steve and Mike,

CAUTION: This Email originated from OUTSIDE of the COV. Do not open attachments or click links unless this email comes from a known sender and you know the content is safe..

Please see the following information below and attached to address the information request. Please let us know if you have any questions or require additional information.

1. Wetland and stream impact tables in Excel format
    a. Please see the attached zipped folder (Attachment A – VA DEQ 401 and VWP Permit App Tables.zip)
2. Shapefiles of limits of disturbance and wetland delineation
    a. Please see the attached zipped folder (MVP_SouthgateAmendment_WetlandDelineation_VA.zip)
3. Latitude/Longitude of the centroid of the Project
    a. 36.687423, -79.487574
4. Summary of differences between the Original Certificated Route and the Amendment Route
    a. Please see the attached Excel spreadsheet summarizing the differences (MVP Southgate – Amendment and Original Certificated Route Differences). This includes the following:
        i. Summary of Project facility changes as outlined in Resource Report 1 of the Amendment Application to FERC
        ii. Summary of proposed route variations as outlined in Resource Report 10 of the Amendment Application to FERC

Thank you,

Christian King, PWS \ Burns & McDonnell
Staff Environmental Scientist \ Environmental Services
O 816-782-6028 \ **M** 317-416-6128
cmking2@burnsmcd.com \ burnsmcd.com
200 West Adams Street, Suite 2700 \ Chicago, IL 60606

Outlook

FW: 25-0752- MVP Southgate Amendment JPA - Overlap Areas with SSEP Project

From Ferry, Lori M <lmferry@burnsmcd.com>
Date Thu 2025-05-29 11:41 AM
To Tessier, John <John.Tessier@nee.com>; Sabol, James <james.sabol@eqt.com>; Heller Leib, Abigail (Abby) <ahellerleib@burnsmcd.com>; King, Christian M <cmking2@burnsmcd.com>

FYI
We received another letter from DEQ today. We are reviewing these and will get back with everyone on some insight into the questions!

Lori

From: Mussomeli, Michael (DEQ) <Michael.Mussomeli@deq.virginia.gov>
Sent: Thursday, May 29, 2025 11:33 AM
To: King, Christian M <cmking2@burnsmcd.com>; Ferry, Lori M <lmferry@burnsmcd.com>
Cc: Hardwick, Steven (DEQ) <Steven.Hardwick@deq.virginia.gov>; Winn, Brenda (DEQ) <Brenda.Winn@deq.virginia.gov>
Subject: 25-0752- MVP Southgate Amendment JPA - Overlap Areas with SSEP Project

Good afternoon Christian: As followup to my voicemail, DEQ has reviewing revised State Surface Waters Delineation request for the adjacent SSEP project. DEQ appreciates the substantial effort made by the agents for both projects to coordinate and revise discrepancies between delineation results and field meeting with USACE and DEQ. In revised mapping provided by the SSEP project and comparing to the MVP Southgate Amendment project, it looks like a few departures in results still remain:

1. Sheet CL-058: It appears the original delineation results are still depicted for emergent wetlands within the existing utility easement, identified as W-B017 on Figure 3. Per prior coordination with SSEP and field review, portions of the wetland boundary were revised, specifically linear portions of the wetland. This change would affect impacts associated with W-B017. The SSEP project originally had similar mapping as provided; however, during field visits DEQ requested provision of additional data points that showed a reduction in size of the wetland was appropriate. This change would affect mapping and impact tables.
2. Sheet CL-046: An emergent wetland, located adjacent to unnamed tributary (UNT) of the Sandy Creek (S-B046), is depicted on the SSEP project but is not included in Figure 3.
3. Sheet CL-042: Stream S-A059 (UNT Sandy River) is identified as intermittent; the SSEP project has determined this feature is perennial.
4. Sheet CL-41 and CL-042: It portions of the survey area boundary does not include LOD/limits of construction workspace (linework indicates the survey area diverges from proposed alignment on Sheet CL-42, west of the Sandy River and on Sheet CL-41, east of the Sandy River, crossing through the LOD). It is difficult to discern from the Figure 3 aerial if stream/wetland system shown on the SSEP mapping should be included. Can you clarify the study area limits and if the stream/wetland system on the SSEP mapping overlaps?
5. Sheet CL-035: Stream S-A048 (UNT Sandy River) is identified as intermittent; the SSEP project has determined this feature is perennial. Can you advise if this wetland area was reviewed in coordination with USACE and the SSEP project?

Can you advise on these locations and please coordinate with SSEP for resolution as needed.

If you have any questions, please do not hesitate to contact me.

Sincerely,

Michael J. Mussomeli, PWS

Environmental Specialist II

Office of Wetlands and Streams Protection

Virginia Department of Environmental Quality

1111 East Main Street, Suite 1400

Richmond VA 23228

(804) 659-1986

Michael J. Mussomeli, PWS

Environmental Specialist II

Department of Environmental Quality | Central Office

1111 East Main Street

Richmond, VA 23219

(804) 659-1986

michael.mussomeli@deq.virginia.gov

www.deq.virginia.gov

MVP Southgate Amendment Project
Meeting Minutes

Meeting Date:	May 16, 2025
Meeting Location:	Microsoft Teams
Meeting Minutes Prepared By:	Abby Heller-Leib May 17, 2025

Participants:

Michael Mussomeli	VDEQ	Environmental Specialist
Steve Hardwick	VDEQ	VWP Permit and Compliance Coordinator
Brenda Winn	VDEQ	Senior Program Coordinator
John Tessier	NextEra	Environmental Manager
Justin Curtis	AquaLaw	External Council
Jim Sabol	EQT	Project Manager
Cory Chalmers	EQT	Permitting Specialist
Megan Neylon	EQT	Permitting Manager
Rob Pichardo	EQT	Internal Council
Lori Ferry	Burns & McDonnell	Environmental Consultant
Abby Heller Leib	Burns & McDonnell	Environmental Consultant
Christian King	Burns & McDonnell	Environmental Consultant

Meeting Purpose:
VDEQ Data Request #2 and Review for Transco Feature Boundary Discrepancies

Discussion Points:

- Mountain Valley wanted to provide some context or reasoning to VDEQ for several responses from Data Request #1.
    a. Responses are good faith efforts to avoid unnecessary attacks and litigation risks
    b. Want to ensure everyone is on the same page.
        i. VDEQ does not have concern about how responses are worded, they are just looking for information ASAP
            1. All want to get items processed as quickly as possible.
            2. Need the permit to be defensible after it is issued.
            3. Need to ensure solid communication record that is as air-tight as possible.
- Unprecidented to have two large scale projects being constructed/permits being processed at the same time—causing some strain on resources at VDEQ.
    a. Getting a lot of comments from public/the outside that are causing some additional questions from VDEQ that they would likely not otherwise ask.

- Delineation questions/review
    a. VDEQ has three delinieations all in the same area and all disagree—need to ensure that they are all appropriate and consistent with one another.
        i. Transco and Mountain Valley to date have done a lot of coordination already.
            1. A few outstanding areas to be reviewed.

ii. L132-1 (Transco feature) was removed in the field during VDEQ/USACE field visit.
    1. Will follow up with Transco/WSSI to review, but both VDEQ/USACE had agreed on removing the feature in the field (did not meet appropriate criteria). Tire ruts should not equate to a feature.
        a. No PJD yet—not "official" agreement to remove the feature from the USACE
            i. VDEQ noted that there is no need to restore wetlands that aren't actually there.
            ii. WSSI made some changes from perennial to intermittent to match our data and to be consistent with the third delineation overlap.

b. Some of our features need to be shrunk down to match Transco—relatively minor differences, but some of those differences between the two are a little too large for VDEQ to accept.
    i. Mountain Valley met with WSSI last week. Were not aware that the linear drainage feature was removed. Will follow back up with them to review.
    ii. For any changes/information that is requested, VDEQ wants us to look at our existing data; VDEQ doesn't need us to complete additional effort if it is not necessary.
c. Cowardin classification items should be resolved (Questions 8c, 8d)

- Double check W081-1 (Transco feature)—hard for VDEQ to determine if it to see if it is our survey area because of scale and direction. Reviewed on the call.
    a. Confirmed, outside our survey area.

- PRM Discussion
    a. Have a meeting set up next week-June 23 and have included Vanderploeg (USACE)
        i. Have a property lined up and will discuss next week with VDEQ-exact date/time to be scheduled.
            1. Note from VDEQ to make sure you look at laundry list of what is considered a complete PRM package.
                a. Hoping they don't need to do an additional information request.
        ii. Will we be wrapping in the PRM in with PJD? To be determined—MVP will review with mitigation team and will discuss further on the PRM call next week.
            1. VDEQ is not sure it is something that they would require—not a timeframe they can necessarily control.
            2. Do not necessarily need to do a site visit.
            3. WSSD request or PJD request—do not need both, though.
                a. If Mountain Valley gets a PJD, VDEQ is not going to pick at it.

- Certain questions could trigger additional compensation: Question #8e, 8f
    a. Review PFO areas that will be bored
        i. Conversion impacts for PFO if there is a maintenance corridor (per FERC Procedures)
        ii. Would be avoided during <u>construction</u> of the pipeline, but may be impacted during maintenance
            1. For just cutting the trees (not grubbing)-conversion.
            2. Would like to cover that during this permit and avoid changes later.

- Not clear what is going on outside of the survey corridor (as this was not surveyed)
  a. May be secondary impacts for the tiny "fringe" areas outside of the survey area/LOD.
     i. What if it clips the edge? Would this be a secondary impact?
        1. If it is a larger wetland area that extends outside the LOD/survey area, probably not count as a secondary impact.
        2. Use field notes/NWI data/elevation data to review areas outside of the survey area when assessing secondary impacts.
           a. Ideally, we can demonstrate without boots on the ground, but need to make a strong argument.
  b. Keep 1:1 ratio for conversion (secondary impacts).
  c. Quantifying secondary impacts—how are we to quantify?
     i. Fine line between doing too much work and being defensible
     ii. Look at the reality of cutting off hydrology for wetlands.
        1. Will a PFO be able to maintained after you have converted a central portion to a different type?
     iii. Use NWI/field notes—if we can make a compelling and reasonable argument that we are not making secondary impacts, then they can probably accept it. Maybe not, but they can only go off the data that we provide.
        1. Provide whatever information is available.

- Mountain Valley will review all items line by line and evaluate.
  a. Hope to run through our changes/status VDEQ before we officially respond to try to ensure less back-and-forth.
     i. Document all correspondence.

- VDEQ of the Transco permit application is starting this week
  a. Will ensure they are consistent with recommendations, questions/rationale, etc.
     i. Might be another add info request—need to do a side-by-side comparison
     ii. If anything comes up before we submit our response, they can reach out and we can incorporate into this response
        1. Might require an additional meeting/addendum letter to ensure appropriate/accurate documentation.

- Question on crossing methods—there are a few instances where they want to know if we can HDD to cover multiple crossings/roads, etc.
  a. Request that we use same type of table/rationale as we previously created (Table 12 in JPA)

- RE: Question 3—Mountain Valley's rationale for response (e.g., *not aware of any authority or precedent for requiring coordinated minimization efforts by independent applicants*, etc.)
  a. All parties want to make sure there is a defensable record.
  b. Need to anticipate any arguments the opposition may make.
     i. We want to have in the record that we did coordinate, but there was no actual need to do so.
     ii. Ensure that VDEQ understands that is why we are including certain language.
  c. VDEQ noted that the opposition is asking about coordination—unprecedented to have two large scale projects being constructed at the same time.

- RE: Question #2 (#5 in first information request letter): Alternatives
  a. Again, anticipating arguments that may come in from opposition.
  b. RE: siting decisions of FERC

i. DEQ will not affect the siting decisions of FERC (previously established)
    1. FERC has a much broader scope of review—on other pipelines, customers, longterm supply issues, etc.–drives FERC to consider alternatives that would never be considered in a VWP/JPA, etc., LEPDA perspective.
    2. Can repackage what is in the FEIS—but we cannot know impacts that may be incurred or avoided by another system being used.
    3. Focusing on the five alternatives from what was Certificated by FERC.

- RE: Question 8d (Construction General Permit)
  a. *"It was noted during preapplication meetings that the submission of CGPermit would occur at a later date."*
     i. Project is exempt from CGP (gas transmission projects are exempt)
        1. No CGP, but Standard and Specifications are approved by VDEQ and compliance with those are enforceable–will be included in our response.

- VDEQ has extendeded the DWR comment period two weeks to encompass the scope of the project.
- Mountain Valley is still coordinating with FWS—expecting comments in mid-July and then will give biolgoical assessment to FERC, which will start the formal consultation process.
  a. Estimating final concurrence, etc. sometime in October
     i. Best guess, but this may change—Mountain Valley to keep VDEQ in the loop.

- Question on application fee request–if impacts change, we assume that number would change? How does VDEQ want to handle this?
  a. Minor changes in impacts would not require an additional fee.
  b. Assess fee based on application; assuming one and done fee at this time.
     i. Change in approach by VDEQ.
     ii. Do not want the fee holding up the draft permit issuance.

- Riparian landowner notification—sometime after the third additional information request (if this is required). Once everything is as complete as possible.
  a. Using the alignment as is with the assumption there will be no major changes.

Outlook

FW: 25-0752- MVP Southgate Amendment Project Agency Comments

From King, Christian M <cmking2@burnsmcd.com>
Date Mon 2025-06-09 2:17 PM
To Tessier, John <john.tessier@nee.com>; Sabol, James <james.sabol@eqt.com>; Justin Curtis <justin@aqualaw.com>; Neylon, Megan <megan.neylon@eqt.com>; Chalmers, Cory <cory.chalmers@eqt.com>; Pichardo, Robert <robert.pichardo@eqt.com>
Cc Ferry, Lori M <lmferry@burnsmcd.com>; Heller Leib, Abigail (Abby) <ahellerleib@burnsmcd.com>

2 attachments (1 MB)
Scoping_letter_1356.pdf; VWP_25-0752_MVP Southgate_2025-05-19-VDH Comment Response.pdf;

Hi all,

We received the following comment letters from the VMRC and VDH. No action needed at this time.

Thanks,
Christian

From: Mussomeli, Michael (DEQ) <Michael.Mussomeli@deq.virginia.gov>
Sent: Monday, June 9, 2025 11:18 AM
To: King, Christian M <cmking2@burnsmcd.com>; Ferry, Lori M <lmferry@burnsmcd.com>
Cc: Hardwick, Steven (DEQ) <Steven.Hardwick@deq.virginia.gov>
Subject: Fw: 25-0752- MVP Southgate Amendment Project Agency Comments

Please find attached comments received from VMRC and VDH. If you have any questions or comments, please reach out to each agency directly and please cc DEQ. DEQ is still anticipating DWR comments and will forward upon receipt.

Sincerely,

Michael J. Mussomeli, PWS
Environmental Specialist II
Office of Wetlands and Streams Protection
Virginia Department of Environmental Quality
1111 East Main Street, Suite 1400
Richmond VA 23228
(804) 659-1986

Michael J. Mussomeli, PWS
Environmental Specialist II
Department of Environmental Quality | Central Office
1111 East Main Street
Richmond, VA 23219
(804) 659-1986
michael.mussomeli@deq.virginia.gov
www.deq.virginia.gov

From: MRC - Scoping (MRC) <Scoping@mrc.virginia.gov>
Sent: Monday, June 9, 2025 10:22 AM
To: Gorman, Claire (MRC) <Claire.Gorman@mrc.virginia.gov>; Mussomeli, Michael (DEQ) <Michael.Mussomeli@deq.virginia.gov>
Cc: Birge, Tiffany (MRC) <Tiffany.Birge@mrc.virginia.gov>
Subject: Re: 25-0752- MVP Southgate Amendment Project Agency Comments

Good morning,

Please find attached the VMRC agency comments regarding the above referenced project. Thank you for the opportunity to comment.

Best,

Kylie Harris

Environmental Engineer – Habitat Management Division

Virginia Marine Resources Commission

380 Fenwick Road, Building 96

Fort Monroe, VA 23651

757-247-8032

From: Gorman, Claire (MRC) <Claire.Gorman@mrc.virginia.gov>
Sent: Monday, June 9, 2025 9:52 AM
To: Mussomeli, Michael (DEQ) <Michael.Mussomeli@deq.virginia.gov>
Cc: MRC - Scoping (MRC) <Scoping@mrc.virginia.gov>
Subject: FW: 25-0752- MVP Southgate Amendment Project Agency Comments

Good morning Mr. Mussomeli,

Thank you for following up.

We are currently reviewing the application for this project. It will likely require a permit form our agency, but we will get that in writing you here shortly.

Best,

Claire

Claire Gorman

Environmental Engineer

Habitat Management Division

Virginia Marine Resources Commission

380 Fenwick Road

Fort Monroe, VA 23651

(757) 247-2285

From: Mussomeli, Michael (DEQ) <Michael.Mussomeli@deq.virginia.gov>
Sent: Friday, June 6, 2025 10:50 AM
To: Birge, Tiffany (MRC) <Tiffany.Birge@mrc.virginia.gov>
Cc: Hardwick, Steven (DEQ) <Steven.Hardwick@deq.virginia.gov>; Owen, Randy (MRC)

<Randy.Owen@mrc.virginia.gov>
Subject: 25-0752- MVP Southgate Amendment Project Agency Comments

Hello Tiffany:

I just wanted to check in on this review request, as the forty-five (45)-day review period is ending. If VMRC has any comments, needs additional review time, or additional information, please advise. Due to the scope of the project, DEQ would be willing to extend the comment period to ensure VMRC has a sufficient opportunity to provide comments.

Thanks,

Michael J. Mussomeli, PWS

Environmental Specialist II

Office of Wetlands and Streams Protection

Virginia Department of Environmental Quality

1111 East Main Street, Suite 1400

Richmond VA 23228

(804) 659-1986

Michael J. Mussomeli, PWS

Environmental Specialist II

Department of Environmental Quality | Central Office

1111 East Main Street

Richmond, VA 23219

(804) 659-1986

michael.mussomeli@deq.virginia.gov

www.deq.virginia.gov

From: Vitashare <vitashare@vita.virginia.gov>
Sent: Wednesday, April 23, 2025 6:16 PM
To: Mussomeli, Michael (DEQ) <Michael.Mussomeli@deq.virginia.gov>
Subject: New Transaction 86302

Transaction details for Michael Mussomeli(user michael.mussomeli@deq.virginia.gov)

Job Id: 86302

Date: Wed, Apr 23, at 18:16 EST (GMT-5)

Transaction Details:

Acknowledge Security Policy:	I understand that this system is not intended for sensitive data.
Recipient Email (comma separated):	scoping@mrc.virginia.gov, Beth.Howell@mrc.virginia.gov, tiffany.birge@mrc.virginia.gov, steven.hardwick@deq.virginia.gov
Subject:	You have received a package from VITA's Large File Transfer Application
Message:	Good afternoon: DEQ is in receipt of Joint Permit Application for an individual permit for the above-referenced project. We are requesting your review and comments. Due to the large file sizes, I am transmitting this request via VITAshare.

We request transmittal of any comments you may have by 7 June 2025.
If you have any questions, please do not hesitate to contact me.
Michael J. Mussomeli, PWS
Virginia Department of Environmental Quality
Environmental Specialist II
804-659-1986
michael.mussomeli@deq.virginia.gov

Notify when download occurs?:	Yes

Files

25-0752- MVP Southgate Amendment JPA.zip

View details here

Total Estimated File Size: 708962 KB
Total Number of Files: 1
Estimated Upload Time: 00:02:56

COMMONWEALTH of VIRGINIA

Marine Resources Commission
380 Fenwick Road
Building 96
Fort Monroe, VA 23651

Stefanie K. Taillon
Secretary of Natural
and Historic Resources

Jamie L. Green
Commissioner

June 9, 2025

Department of Environmental Quality
Attn: Michael Mussomeli
1111 East Main Street
Richmond, VA 23219

Re: MVP Southgate Amendment Project, Agency Comment

Dear Mr. Mussomeli:

This will respond to the request for comments regarding the Agency Comment for the MVP Southgate Amendment Project, prepared by Burns & McDonnell, on behalf of Mountain Valley Pipeline, LLC. Specifically, Mountain Valley Pipeline, LLC has proposed to install 31.3 miles of 30-inch diameter natural gas pipeline via open-cut trenching and bored crossing methods beginning at the proposed Lambert Interconnect in Pittsylvania County, Virginia, extending south to North Carolina.

We received the applicant's Joint Permit Application (JPA) information on April 14, 2025 (JPA #2025-0752). This project is in the JPA review process and will require a permit from this agency for the proposed submerged land encroachments for bored crossings. Please be advised that the Virginia Marine Resources Commission (VMRC), pursuant to §28.2-1200 et seq of the Code of Virginia, has jurisdiction over encroachments in, on, or over the beds of the bays, ocean, rivers, streams, or creeks which are the property of the Commonwealth. Accordingly, if any portion of the subject project involves any encroachments channelward of ordinary high water along non-tidal, natural rivers and streams with a drainage area greater than 5-square miles, a permit may be required from our agency or the Department of Environmental Quality. Any jurisdictional impacts will be reviewed by the VMRC during the JPA process.

Please contact me at (757) 247-2285 or by email at claire.gorman@mrc.virginia.gov if you have questions. Thank you for the opportunity to comment.

Sincerely,

Claire Gorman
Environmental Engineer, Habitat Management

CG/kh
HM

COMMONWEALTH of VIRGINIA

DEPARTMENT OF HEALTH

OFFICE OF DRINKING WATER

211 Nor Dan Drive, Suite 1040
Danville, Virginia 24540

Danville Field Office

Phone: 434-836-8416
Fax: 434-836-8424

DATE: May 12, 2025

FROM: K. Ray Weiland, PE, Engineering Field Director

TO: Arlene F. Warren, GIS Program Support Technician
Arlene.warren@vdh.virginia.gov
VDH, Office of Drinking Water
109 Governor Street, 6th Floor
Richmond, VA 23219

CITY/COUNTY: Pittsylvania County

APPLICANT: Mountain Valley Pipeline, LLC

PERMIT TYPE: Virginia Water Protection (VWP)

APPLICATION TYPE: Amendment

PROJECT: MVP Southgate Amendment

SUBJECT: Review response for DEQ's permit application VWP 25-0752

Mountain Valley Pipeline, LLC (Mountain Valley) has applied for an Individual Permit from the US Army Corps of Engineers to conduct regulated activities below the ordinary high-water elevation of navigable waters under Section 10 of the Rivers and Harbors Act of 1899 and for the discharge of dredged and fill material into Waters of the US under Section 404 of the Clean Water Act (CWA) for the MVP Southgate Amendment Project. In addition, Mountain Valley is requesting CWA § 401 Water Quality Certification (WQC) and a Virginia Water Protection (VWP) permit from the Virginia DEQ.

The Amendment Project is a 31.3-mile, 30-inch-diameter natural gas pipeline between Pittsylvania County, Virginia, and Rockingham County, North Carolina. Pipeline construction through regulated waters will be accomplished using conventional dry-ditch open-cut or trenchless methods. Where the dry-ditch method is employed, flowing water will be diverted around the crossing through the installation of a dam-and-pump or flume, with the specific water diversion method to be decided during construction by the construction supervisor and/or the Mountain Valley representative based on conditions at the time of the crossing. Where trenchless methods are employed, the pipe will be installed with specialized equipment that bores tunnels under the water using either conventional bore or horizontal directional drilling (HDD).

Mountain Valley identified seven streams that would be crossed on the project. Four of these streams will be crossed utilizing open-cut techniques and will be permitted under the VA DEQ Virginia Water Protection (VWP) permit. Mountain Valley is requesting approval for the use of trenchless crossing methods for the three remaining streams that are subject to VMRC jurisdiction.
Mountain Valley is proposing to use the horizontal directional drill (HDD) method for crossing the Sandy River, which will require pumping drilling fluids through the pilot hole while completing this crossing. The conventional bore crossing method is proposed for Cherrystone Creek and the Banister River, which will use a screw auger to install the drill pipe.

No public raw water intakes in Virginia were found within 20 miles downstream of the potential impact areas. The HSCA intake on the Dan River is the nearest intake below the affected areas and is approximately 50 miles downstream. The intake for the Town of Chatham on Cherry Stone Creek is above the area of potential impact. The City of Danville intake on the Dan River is above the confluence of Sandy Creek with the Dan River. In addition, there are no groundwater public water systems located within one mile of the project areas.

There will be no apparent impacts to waterworks sources as a result of this activity.

SVK:dmb

1.0 Project Information

Mountain Valley Pipeline, LLC (Mountain Valley[1]) is seeking an Individual Permit from the United States Army Corps of Engineers (USACE) Norfolk and Wilmington Districts to conduct regulated activities below the ordinary high water elevation of navigable waters under Section 10 of the Rivers and Harbors Act of 1899 and for the discharge of dredged and fill material into Waters of the United States under Section 404 of the Clean Water Act (CWA) for the MVP Southgate Amendment Project (Amendment Project). In addition to the USACE Individual Permit application, Mountain Valley will be requesting CWA § 401 Water Quality Certification (WQC) from the Virginia Department of Environmental Quality (VA DEQ) and North Carolina Department of Environmental Quality for portions of the Amendment Project located within their respective jurisdiction.[2] [3]

Due to the large volume of materials included in this submission and for the convenience of Virginia Marine Resources Commission (VMRC) staff, Mountain Valley has consolidated materials relevant to the VMRC permit request in this attachment.

2.0 Permit Request

The Amendment Project is seeking authorization to encroach in and on State-owned subaqueous bottoms pursuant to Chapter 12, Subtitle III, of Title 28.2 of the Code of Virginia and the Utility Line Encroachments general permit (4 VAC 20-1410). Streams with a drainage basin of greater than five square miles or a mean annual flow greater than five cubic feet per second are considered navigable-in-fact until evidence is presented proving non-navigability and require authorization from the VMRC.

In the course of preparing this multi-agency permit application, Mountain Valley has conducted a detailed evaluation of every stream and wetland associated with the Amendment Project to identify opportunities to avoid and minimize aquatic impacts where appropriate and practicable. As a result of that analysis, Mountain Valley identified a total of seven streams with a drainage area of over five square miles that would be crossed on the Amendment Project. Four of these streams will be crossed utilizing open-cut techniques and will be permitted under the VA DEQ Virginia Water Protection (VWP) permit (Table 1). Mountain Valley is requesting approval for the use of trenchless crossing methods for the three remaining streams that are subject to VMRC jurisdiction, as identified in Table 2 below.

These three streams will be crossed using a trenchless crossing method, which would avoid or minimize instream impacts to subaqueous bottomlands, thereby eliminating direct impacts to the aquatic environment at the location of the crossing and reducing downstream sediment impacts. Mountain Valley is proposing to use the horizontal directional drill (HDD) method for crossing the Sandy River, which will require pumping drilling fluids through the pilot hole while completing this crossing. The conventional bore

[1] Mountain Valley is a joint venture between EQT; NextEra Energy, Inc.; Consolidated Edison, Inc.; AltaGas Ltd.; and RGC Resources, Inc.

[2] Additional detailed Amendment Project information can be found in Section 1.0 of the Individual Permit application narrative.

[3] Mountain Valley reserves all rights to amend, withdraw, or supplement the VMRC Permit Request or any of its Attachments (including the Attachments thereto), and/or to object to, contest, or hold out as optional/ unnecessary any permit, request, approval, or certification applied for, denied, or received pursuant to the VMRC Permit Request or its Attachments, pursuant to any Presidential Executive Order or any governmental action taken as a result of or related to any Presidential Executive Order.

crossing method is proposed for Cherrystone Creek and the Banister River, which will use a screw auger to install the drill pipe. Small quantities of water, bentonite, or polymer-based lubricant may be applied during the conventional bore crossings to increase the likelihood of success. For all trenchless crossing methods, any additives will be non-toxic, non-petroleum based, and NSF-60 compliant to meet FERC requirements. All three crossings will be completed in accordance with the FERC *Wetland and Waterbody Construction and Mitigation Procedures*, the project-specific Erosion and Sediment Control Plan (ESCP), and the Spill Prevention, Control, and Countermeasure Plan.

Mountain Valley is proposing the following crossing methods for streams that have a drainage area greater than five square miles.

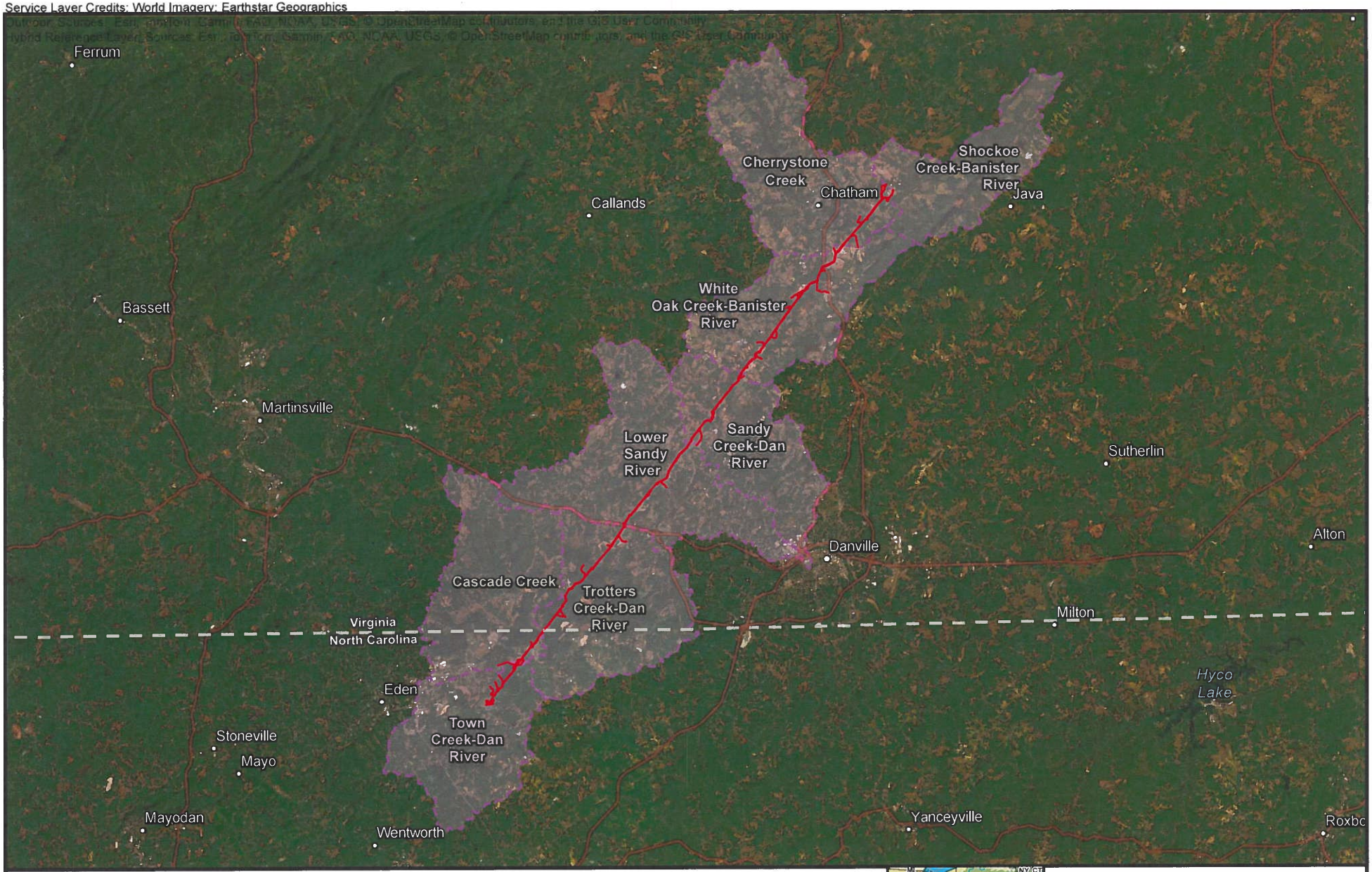
Table 1. Proposed VWP Permit Stream Crossings with Drainage Areas Greater than Five Square Miles

Milepost	Impact ID	Stream	Drainage Area (square miles)	Pipeline Crossing Length (feet)	Linear Feet of Resource in Workspace	Proposed Crossing Method
0.7	S-A004	Little Cherrystone Creek	5.11	20	99	Dry-Ditch Open-Cut
5.3	S-A021	White Oak Creek	15.94	30	91	Dry-Ditch Open-Cut
5.4	S-A022	White Oak Creek	15.72	21	77	Dry-Ditch Open-Cut
23.6	S-B029	Trotters Creek	5.01	14	76	Dry-Ditch Open-Cut

Table 2. Proposed VMRC Permit Stream Crossings with Drainage Areas Greater than Five Square Miles

Milepost	Impact ID	Stream	Drainage Area (square miles)	Pipeline Crossing Length (feet)	Linear Feet of Resource in Workspace	Proposed Crossing Method
2.0	S-A008	Cherrystone Creek	36.62	28	87	Conventional Bore
5.3	S-A020	Banister River	68.62	46	84	Conventional Bore
18.2	S-A063	Sandy River	102.60	84	50	HDD

Service Layer Credits: World Imagery: Earthstar Geographics



Project LOD

Watershed Boundary

NORTH

6 3 0 6

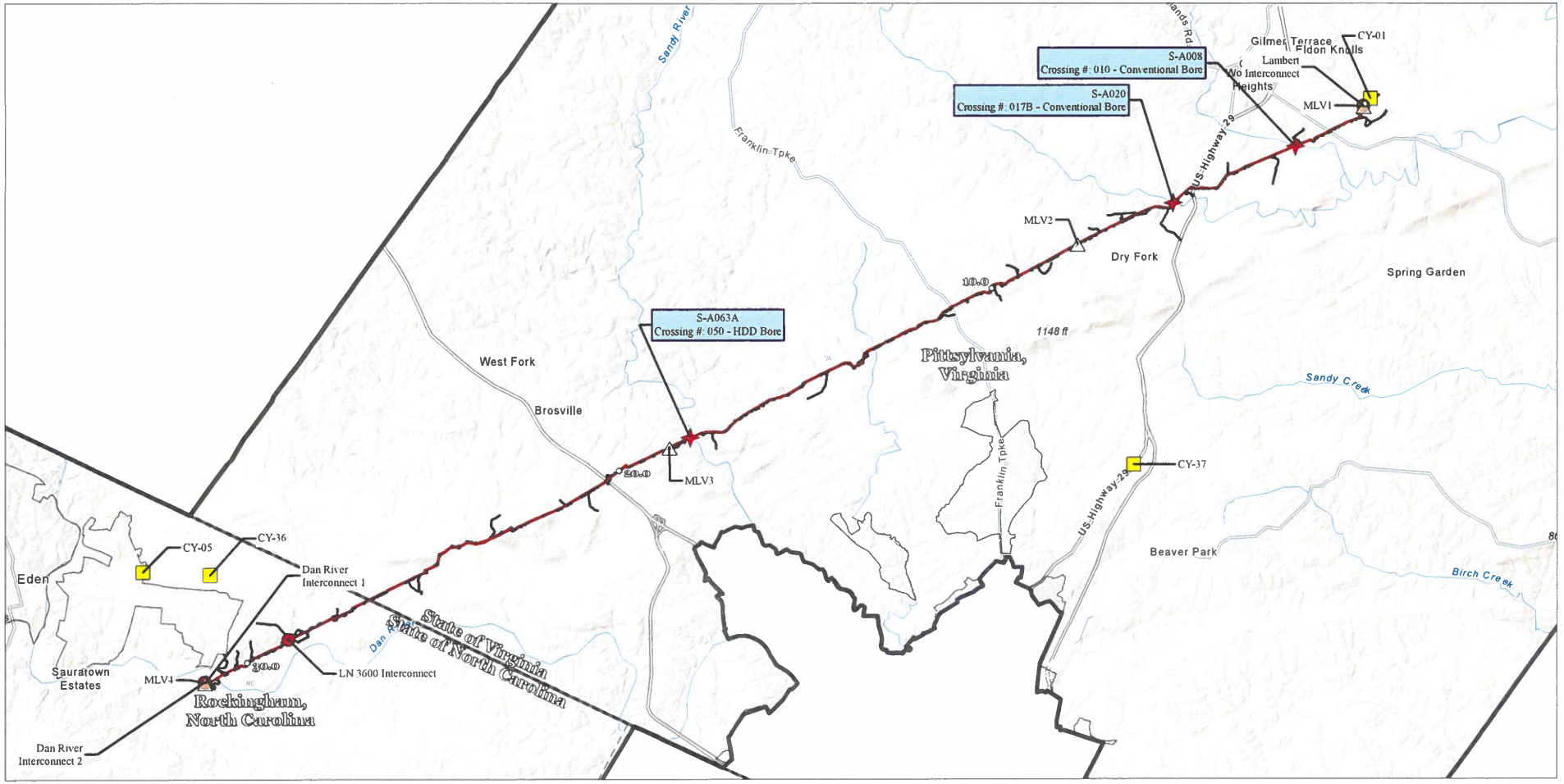
Miles

Mountain Valley

Figure 2
MVP Southgate
Amendment Project
Watershed Boundary - Overview

Source: USGS, MVP

Issued: 3/12/2025



- TEN MILE
- MAINLINE VALVE
- METER STATIONS
- CONTRACTOR YARD
- H-650 PIPELINE
- LIMITS OF CONSTRUCTION RIGHT-OF-WAY
- VMRC AUTHORIZATION REQUEST LOCATIONS
- USA CENSUS URBAN AREAS
- COUNTY BOUNDARY
- STATE BOUNDARY

Delineation ID	Stream Name	MP	Drainage Area (sq mi)	Bore Type
S-A008	Cherrystone Creek	2	36.62	Conventional
S-A020	Banister River	5.3	68.62	Conventional
S-A063	Sandy River	18.2	102.6	HDD

NOTES:
1. THIS FIGURE IS INTENDED TO BE VIEWED OR PRINTED IN COLOR ON 11"X17" SIZE SHEET.
2. BASE MAP SERVICES: ESRI, NASA, NGA, USGS. SOURCES: ESRI, TOMTOM, GARMIN, FAO, NOAA, USGS, © OPENSTREETMAP CONTRIBUTORS, AND THE GIS USER COMMUNITY, ESRI, GEBCO, GARMIN, NATURALVUE, ESRI, USGS

0 7,500 15,000 FEET
1:180,000 1" = 15,000'

PROJECT: MVP Southgate Amendment Project
Pittsylvania County, Virginia and
Rockingham County, North Carolina

TITLE: VMRC STREAM OVERVIEW

DRAWN BY:	J. THOMAS	PROJ. NO.:	300423
CHECKED BY:	A. HORRIE		OVERVIEW
APPROVED BY:	M. TACKEL		
DATE:	APRIL 2025		

TRC
10007 E 59TH STREET
TULSA, OK 74146
PHONE: 918.496.0400

FILE: SOUTHGATEIP_DATAPROCESSING.APRX

Coordinate System: WGS 1984 Web Mercator Auxiliary Sphere Map Rotation: 0
Saved By: JOSHUA.THOMAS on 4/11/2025 11:54:01 AM File Path: C:\GIS\Projects\300423_MVP_Southgate\IP2-APRX\Southgate\P2_DataProcessing.aprx Layout Name: Fig_7 VMRC Stream Overview Map_11x17

Outlook

FW: 25-0752- MVP Southgate Amendment Project - VWP Comment Letter No. 2

From King, Christian M <cmking2@burnsmcd.com>
Date Thu 2025-06-12 5:57 PM
To Tessier, John <john.tessier@nee.com>; Sabol, James <james.sabol@eqt.com>; Neylon, Megan <megan.neylon@eqt.com>; Chalmers, Cory <cory.chalmers@eqt.com>; Justin Curtis <justin@aqualaw.com>; Pichardo, Robert <robert.pichardo@eqt.com>
Cc Ferry, Lori M <lmferry@burnsmcd.com>; Heller Leib, Abigail (Abby) <ahellerleib@burnsmcd.com>

2 attachments (330 KB)
25-0752_2025_06-12_APP_Addinfo Letter2 signed.pdf; Water_Permit_Fee_Form5_October2018-20210215170950.pdf;

Hi all,

Please see the attached information request #2 and application fee from VDEQ. Please let me know if you would like me to set up a call to discuss.

Thanks,
Christian

From: Mussomeli, Michael (DEQ) <Michael.Mussomeli@deq.virginia.gov>
Sent: Thursday, June 12, 2025 5:11 PM
To: jeffrey.klinefelter@eqt.com; King, Christian M <cmking2@burnsmcd.com>
Cc: Ferry, Lori M <lmferry@burnsmcd.com>; Winn, Brenda (DEQ) <Brenda.Winn@deq.virginia.gov>; Hardwick, Steven (DEQ) <Steven.Hardwick@deq.virginia.gov>; VanderPloeg, Steven A CIV USARMY CENAO (USA) <steven.a.vanderploeg@usace.army.mil>; MRC - jpa Permits <jpa.permits@mrc.virginia.gov>
Subject: 25-0752- MVP Southgate Amendment Project - VWP Comment Letter No. 2

Good afternoon Mr. Klinefelter and Mr. King:

Please find attached additional information request for the above-referenced project. Per Item 9 of the comment letter, also attached is the application fee form.

We look forward to coordinating with you. If you have any questions, please do not hesitate to contact me.

Sincerely,

Michael J. Mussomeli, PWS
Environmental Specialist II
Office of Wetlands and Streams Protection
Virginia Department of Environmental Quality
1111 East Main Street, Suite 1400
Richmond VA 23228
(804) 659-1986

Michael J. Mussomeli, PWS
Environmental Specialist II
Department of Environmental Quality | Central Office
1111 East Main Street
Richmond, VA 23219
(804) 659-1986
michael.mussomeli@deq.virginia.gov
www.deq.virginia.gov

Commonwealth of Virginia

VIRGINIA DEPARTMENT OF ENVIRONMENTAL QUALITY

www.deq.virginia.gov

Stefanie K. Taillon
Secretary of Natural and Historic Resources

Michael S. Rolband, PE, PWD, PWS Emeritus
Director

12 June 2025

Mountain Valley Pipeline, LLC
Attn: Jeffrey Klinefelter
9401 Courthouse Road, Suite B
Chesterfield, Virginia 23832

SENT VIA EMAIL: jeffrey.klinefelter@eqt.com

Re: Joint Permit Application No. 25-0752
MVP Southgate Amendment Project
Pittsylvania County, Virginia
Comment Letter 2

Dear Mr. Klinefelter:

DEQ is in receipt of your Response to Request for Additional Information for Joint Permit Application (JPA) No. 25-0752, dated 30 May 2025. Thank you for your comment responses and additional information. After review of the package, review of project plans, and pursuant to 9VAC25-210-10 *et seq*., the following information is required to complete your application:

1. The 30 May 2025 Response Letter states the preliminary jurisdictional determination (PJD) is pending. A request for a State Surface Water Determination (SSWD) and, concurrently, a PJD to the U.S. Army Corps of Engineers (USACE) was submitted by the Southeast Supply Enhancement Project – Eden Loop (SSEP) in October 2024. There is a significant overlap between the proposed project and the SSEP SSWD/PJD study area and, in coordination with the USACE, some discrepancies in results and Cowardin designations were identified between the two (2) projects. At the request of USACE, respective agents for each proposed project coordinated and revised the delineations accordingly. A field meeting with both agents, USACE, and DEQ occurred on 26-27 February 2025 to reconcile remaining discrepancies in the respective delineation results. DEQ appreciates the efforts and coordination between the projects themselves and with USACE to reconcile differences in results.

   However, DEQ received revised mapping and data submitted by the SSEP on 13 May 2025, which indicate some discrepancies remain in linework and Cowardin classification between the wetlands/stream linework on SSEP mapping and Figure 3 (Detail Map) of the MVP Southgate Amendment:

a) Sheet CL-058: It appears the original delineation results are still depicted for emergent wetlands within the existing utility easement, identified as W-B017 on Figure 3. Per prior coordination with SSEP and field review, portions of the wetland boundary were revised, specifically linear portions of the wetland. This change would affect impacts associated with W-B017. Please adjust the boundary, impacts, and impact tables accordingly.
b) Sheet CL-046: An emergent wetland, located adjacent to unnamed tributary (UNT) of the Sandy Creek (S-B046), is depicted on the SSEP project but is not included in Figure 3.
c) Sheet CL-042: Stream S-A059 (UNT Sandy River) is identified as intermittent; the SSEP project has determined this feature is perennial.
d) Sheet CL-035: Stream S-A048 (UNT Sandy River) is identified as intermittent; the SSEP project has determined this feature is perennial.

DEQ has reached out to USACE and the SSEP separately and to MVP Southgate by email on 2 June 2025. Please correct Item A above and advise on revisions to Item B through Item D.

2. Please advise if the alternatives analysis presented in the Amendment Project application were considered during the previous FERC alternatives review, and if so, provide complete documentation to support the proposed alternative rationale, as requested in DEQ Information Request Items No. 5 (a and b) (1 May 2025).

3. Item 6c of DEQ's Comment Letter of 1 May 2025 requests additional information regarding efforts to minimize impacts between the MVP Southgate Amendment Project and the SSEP. The 30 May 2025 Response Letter states:
Although Mountain Valley is not aware of any authority or precedent for requiring coordinated minimization efforts by independent applicants, the parties have nevertheless been working voluntarily and in good faith to minimize the potential cumulative impacts associated with the construction of the MVP Southgate and the Transco SSEP pipelines. Mountain Valley and Transco continue to collaborate to address construction-related concerns, including those highlighted by DEQ, and develop field strategies to mitigate potential issues from potentially concurrent construction activities. Detailed evaluations of construction sequencing are being undertaken in areas where the MVP Southgate and SSEP pipelines overlap workspaces, ensuring minimizing disturbances. Additionally, Mountain Valley and Transco are exploring opportunities to share workspace and sequence construction activities to enhance safety, substantially reduce cumulative environmental impacts, avoid bottlenecks, and target erosion and sediment control design and implementation, ensuring effective measures and environmental protection. Mountain Valley remains committed to continued discussions with Transco to proactively manage construction impacts and comply fully with DEQ's environmental standards and expectations.

The majority of the Amendment Project and SSEP alignments are located immediately adjacent to each other and appear to have concurrent construction schedules.

a. Elaborate on how FERC guidance related to reducing limits of disturbance (LOD) can be applied to the Amendment Project at the five (5) locations where the two (2) project alignments are crossing each other/the existing pipeline corridor to avoid or minimize impacts to surface waters. For example, placement of the SSEP pipeline adjacent to the existing pipeline (as they are the same owner) would reduce the FERC-required offset and

thus reduce wetland or stream impacts (Sheets CL-053 and CL-058). Have such placement options been evaluated? If not, provide an explanation as to why these are not included in design.

b. Please advise if previously disturbed areas within the existing ROW may be utilized to reduce surface water impacts, particularly those areas being pursued via access agreements with adjacent property owners, including Transco. Please provide details on coordination efforts with SSEP that may further reduce impacts to wetlands and streams.

4. In regard to compensatory mitigation, the 30 May 2025 Response Letter states:
Mountain Valley obtained credit reservation letters from the Copper Hill Mitigation Bank and Beaverdam Mitigation Bank. However, the credit reservation letter from Beaverdam was inadvertently omitted from Attachment M of the application. Both reservation letters are attached to this response (Attachment 6). Discussions with the sponsor of the banks regarding purchase agreements are continuing. In lieu of mitigation bank credits, Mountain Valley continues to evaluate other potential approaches to mitigation. Mountain Valley is evaluating a potential Permittee-Responsible Mitigation (PRM) project that it will discuss with the DEQ.

   In order for the application to be considered complete, please provide a compensatory mitigation plan with documentation from an approved bank or in-lieu fee program sponsor of the availability of credits at the time of application, or that otherwise meets the requirements of 9VAC25-210-80.B.1.m(1 through 3).

5. Section 5.2.8 and 5.2.9 of the JPA narrative states that temporarily impacted resources will be restored to preconstruction contours. Profiles contained within Attachment H show elevation data with Full-Canopy LIDAR. Will survey grade elevations be provided to restore streambank and wetlands to preconstruction elevations and contours, such that previous wetland acreage and functions or surface water functions are restored? If not using survey grade elevations, how will the requirements of 9VAC25-210-80.B.1.j for pipe or culverts be documented to demonstrate restoration is to preconstruction elevations and contours?

6. Thank you for details and rationales provided in Table 12 for crossing methods. This information is very helpful in evaluating each crossing method. The JPA narrative states that there are length limitations involving the use of horizontal directional drilling (HDD) methods. For longer wetland crossings, in consideration of where crossings listed in Table 12 may be combined, or where wetland/stream crossings may be combined with roadway or railroad crossings, please advise and provide similar rationale for consideration of HDD (or extended conventional bore where noted) crossings at the following locations:
   a) On Figure 3, Sheet CL-002 and Sheet CL-003, the proposed crossing of perennial Cherrystone Creek and adjacent wetlands (S-A004/W-A003A-B) is open cut, with rationale of cost difference and construction schedule for which a conventional bore would not be feasible. This wetland/stream system is located in between conventional bore locations S-A006 and S-002/S-A003. To avoid impact, please advise as to why an HDD method encompassing the three (3) stream/wetland systems is not feasible for this location or the feasibility of extending the conventional bore associated with either of the other crossings.

b) Sheet CL-004 indicates an open cut is proposed for wetland W-A013A, W-A013C, and W-A013D. Please provide rationale and disposition as to whether horizontal directional drilling (HDD) is not feasible at this location.
c) On Sheet CL-005/6, please advise cost for use of HDD alternative for W-A010 (A/B/C) and expand on why this method would not be feasible for this crossing (or if an HDD can be combined with Item ii above).
d) On Sheet CL-012, a conventional bore is proposed as a crossing for Banister River. Please advise as to the feasibility of an HDD crossing that would avoid impacts to adjacent/abutting wetlands and, potentially White Oak Creek (S-A021).
e) On Sheet CL-013 and corresponding Table 12 (Crossing Methods), a conventional bore is proposed for the railroad crossing. A second, upstream crossing with open cut is proposed for White Oak Creek and abutting/adjacent wetlands, west of the railroad. Please advise on the feasibility of an HDD crossing for these systems and the railroad. Would an alternative route to the south result in less forested wetland impacts?
f) On Sheet CL-028, please advise if an HDD would be subject to the same cost and constructability constraints as a conventional bore for crossing of UNT of Sandy Creek (S-A044) and abutting wetlands.
g) UNTs to Trotters Creek and abutting wetlands are located adjacent to Horseshoe Road (Sheet CL-052). In consideration of crossing of Horseshoe Road, please elaborate on the feasibility and constructability of crossing some or all of streams/wetlands and roadway with a single conventional bore or HDD.

7. Thank you providing supplemental materials in the 30 May 2025 letter regarding alternative alignments and variations. DEQ's understanding is the following alignments were not included for evaluation in the original FERC certificate: MP 9.9 to 10.3, Lambert Variation, Sandy River Variation, MP 19.9 variation, and MP 23.9 to MP 25.4 Variation. Please advise on the following alignment questions:
   a) The JPA narrative states the MP 9.9-10.3 variation results in a reduction of 7.8 acres of wetland impacts, including forested wetlands. The excel table provided within the supplemental materials notes no wetland impacts between either the variation or the proposed route would be incurred. Mapping on Figure 3 and the attachments indicate wetland impacts within both the original and proposed alignment. From the mapping provided in attachment (Pipeline Alignment – H-650 Line), blue hatching (Original FERC Approval/Certificate Project) shows wetland impacts (e.g. W-A031) within the variation. Please clarify and adjust mapping and tables accordingly that support this variation as the least damaging practicable alternative (LEDPA).
   b) DEQ concurs that the proposed MP 23.9 to MP 25.4 Variation would incur less stream impacts. However, to minimize impacts to surface waters, please advise if it would be feasible to adjust the alignment to avoid stream S-B056. Additionally, please advise the feasibility of adjoining the approved alignment closer to St. 1340+00 in order to reduce wetland and stream impacts. The excel table provided indicates no wetland impacts between either proposed route or variation; however, mapping indicates wetland impacts for both alignments. Please revise the table accordingly.

8. Pursuant to 9VAC25-210-80.B.1.i, plan view drawing or drawings of the project site are required to assess the project. Please provide the following information in regard to Figure 3 - Detail Map and Figure A-2 (VA Wetland and Waterbody Impact Map):
   a) In order to better assess the project, please add flow lines indicating the direction of stream flow to the Figure 3 - Detail Map and Figure A-2 (VA Wetland and Waterbody Impact Map). While this information is included in Attachment H, it would be helpful to be consolidated on overall project mapping.
   b) Please show launch/receiving pits associated with conventional bores on Figure 3 (Details Map) and Figure A-2 (VA Wetland and Waterbody Impact). While this information is included in Attachment H, it should be consolidated on overall project mapping.
   c) Please show/highlight areas of shared LOD, if any, between the proposed project and the SSEP project.
   d) The legend of the detail maps indicates dark orange linework as limits of construction workspace. Please confirm if this designation is equivalent to LOD. Also, it was noted during preapplication meetings that the submission of Construction General Permit would occur at a later date. Please advise if all erosion and sediment control measures that could represent temporary impacts are contained within this linework.
   e) Conventional bores are proposed at a number of locations in which the proposed bore occurs under palustrine forested (PFO) wetlands. Mapping indicates avoidance of PFO impacts. The PFO locations that are proposed to be avoided by conventional bore are:
      i. Wetland abutting S-A006 (Sheet CL-001)
      ii. W-B039B (Sheet CL-049)
      iii. Wetland abutting S-B030 and S-B031 (Sheet CL-055)
      iv. Wetland abutting S-B022 (Sheet CL-056)
      v. W-B015 (Sheet CL-059)
      vi. Wetland abutting S-B020 (Sheet CL-061)

      As these wetlands will be subject to future maintenance activities, they (or portions that will be maintained) should be considered conversion impacts. Please show these PFO wetlands as conversion impacts and adjust impact maps, mitigation tables, and mitigation calculations accordingly.
   f) DEQ has determined a number of locations would or may result in secondary wetland impacts:
      i. At W-A013A, W-A013C, and W-A013D on Sheet CL-004, wetlands depicted are limited to the study area. Impacts to PFO wetlands are limited to the fringe of the tree line; however, from National Wetland Inventory (NWI) mapping it is difficult to determine the extend of wetlands adjacent to the project area and if secondary impacts would be incurred. Please advise to the size of the adjacent wetland system so it may be determined if secondary wetland impacts will be incurred.
      ii. On Sheet CL-032, please advise as to the extent of wetlands that continue offsite for W-A044 so it may be determined if secondary wetland impacts will be incurred.
      iii. On Sheet CL-032, small fringes of PFO W-A045 extend slightly beyond the westerly LOD. As only remnant fringes would remain, DEQ considers these areas as secondary wetland impacts. Additionally, please advise as to the extent of PFO wetlands east of the ROW to determine if secondary PFO impacts would be incurred.
      iv. Based on topography, it appears fringes of PFO wetland W-B023 (Sheet CL-052) extends beyond the study area. As it appears greater than 90% of the wetland will be

taken as a conversion impact; these remaining areas should be considered a secondary impact. Please show the remaining extent of the wetland show as secondary impact.

v. PFO W-B036a (Sheet CL-051/052) appears to continue slightly beyond the study area. Remaining offsite wetlands should be considered a secondary impact.
vi. Please advise if W-B015 (Sheet CL-059) continues beyond the study area and to what extent so DEQ can evaluate if a secondary impact is incurred.
vii. Per Item 8(E-i) above, if a conversion impact is incurred for wetland adjacent to S-A006, the remaining PFO fringe between the existing easement and the new cleared ROW should be considered a secondary impact.
viii. PFO Wetland B-039b (Sheet CL-049) extends slightly beyond the ROW. Per Item 8(E-ii), if a conversion impact is incurred, the remaining westerly PFO fringe should be considered a secondary impact.
ix. Per Item 8(E-iv), if a conversion impact is incurred to wetland abutting S-B022 (Sheet CL-056), the westerly fringe (if a PFO or PSS) should be considered a secondary impact.
x. Per Item 8(E-vi), if a conversion impact is incurred to wetland abutting S-B020 (Sheet CL-061), the westerly fringe should be considered a secondary impact.

g) On Sheet CL-001, please confirm the Cowardin classification of W-A004. The callout and Table 3 lists as palustrine emergent (PEM) wetland; however, it is located within the tree line. Please provide data sheet and photographs.
h) On Sheet CL-002, please advise if any temporary impacts related to construction access through S-A002/S-A003 (intermittent, UNT Cherrystone Creek) and adjacent PEM wetland (W-A001) would be incurred.
i) On Sheet CL-004, please advise how flow will be maintained for stream S-A010 (timber mat crossing). Will this crossing be bridged or a mat/fill placed in the stream? There are a number of similar callouts (e.g. S-A067, S-A031 [perennial], S-A040, S-B040); please advise on maintenance of streamflow at these locations as well. Additionally, is it possible to reduce the LOD to avoid this impact? The opposite (northerly) side of the work area contains reduced workspace where no resources are present; is it possible to shift that reduced workspace to the southerly side to avoid impacts?
j) W-A013A, W-A013C, and W-A013D on Sheet CL-004 shows 1.0186 acres of temporary PEM impacts within the right-of-way (ROW) for access. In order to minimize impact and compaction, will timber mats be utilized?
k) Sheet CL-005 shows a palustrine scrub-shrub (PSS) wetland (W-A012) located east of access road TA-PL-004 in the vicinity of Cherrystone Creek. The PSS wetland is located within both the operational workspace and limits of construction workspace. Would this wetland be impacted by construction access or open cut? Additionally, a conversion impact should be shown if this location will undergo long-term maintenance within the ROW.
l) On Sheet CL-006, is it possible to neck down the LOD to avoid impact to W-A080?
m) Sheet CL-006/AR-012 shows a proposed access road bisecting emergent wetlands W-A007, W-A008, and Stream S-A007. To avoid and minimize impacts to these jurisdictional resources, would it be possible to shift the access road slightly to the north? This adjustment would avoid wetlands and potentially reduce tree clearing adjacent to the stream. The intermittent stream impact is designated as permanent on Table 2 but temporary on Figure 3 (Sheet AR-012). Will the culvert and access road remain in place? If yes, this wetland impact will be designated a

permanent impact. If no, how long will it remain in place during construction? Please advise and revise accordingly.

n) On Sheet CL-010, as the location at the proposed crossing is a conventional bore, is it possible to avoid W-A075 as it is located on the fringe of the LOD?

o) On Sheet CL-012, a bore hole is proposed within wetlands. Please describe how impacts to abutting wetlands will be minimized and describe the proposed dewatering operations for the bore hole.

p) The proposed boring hole for the conventional bore under the railroad depicted in Attachment H- Crossing 019 (Sheet CL-013) is shown within wetlands. Please provide details to minimize impacts to wetlands regarding dewatering operations and access and if secondary impacts would be incurred.

q) Two (2) small stream features (S-A066) are shown on CL-015. One (1) of these features is located within the proposed operational workspace. The unlabeled feature would appear to be an impact area; please revise mapping and impact table accordingly. The second feature is located within the fringe of the limits of construction workplace and is called out as being avoided. Please advise if it is possible to avoid S-A066 by reducing the LOD.

r) Is it possible to neck down the LOD to avoid impacts to S-A067 (Sheet CL-015) as it is located along the fringe of the workspace? Per Item I above, please advise how streamflow will be maintained.

s) On Sheet CL-021/022, an ephemeral, unnamed tributary of White Oak Creek (S-A030) is called out as no impact; however, the feature is located within the operational workspace and Table 12 (Crossing Methods) indicates open cut. Please clarify and adjust table/figure accordingly.

t) On Sheet CL-026, the alignment diverges from the existing easement. In order to minimize impacts to UNT Sandy Creek (S-A036), please advise if it is possible to cross this stream perpendicularly.

u) On Sheet CL-026/027, is it possible to relocate additional workspace to avoid S-A038?

v) At a number of locations where a conventional bore is proposed, it is indicated impacts would be avoided. However, portions of linework indicate temporary impacts. Please advise on the nature of impacts and/or revise maps and tables accordingly for the following locations:
    i. Sheet CL-027/ Stream S-A039
    ii. Sheet CL040/Stream S-A058
    iii. Sheet CL-049/Stream S-B043
    iv. Sheet CL-055/Stream S-B030
    v. Two (2) areas associated with Stream S-B024 on Sheet 56

w) The proposed pipeline is located at the confluence of an intermittent and perennial stream, both UNTs of Silver Creek (Sheet CL-038/S-A054-55). In consideration of the field condition of the two (2) systems, please advise on maintenance of streamflow and sequence of construction. Though slightly upstream of the confluence, a similar condition exists S-B041/B042 (Sheet CL-50). Please advise on maintenance of streamflow and sequence of construction.

x) On Sheet CL-039, the detail map indicates W-A052B would be avoided; however, a portion of this wetland is located within both the operational workspace and LOD. Will this wetland be bored? Additionally, a portion of this wetland is a PSS wetland and its location within the ROW indicates it would be subject to maintenance. Therefore, it should be considered a conversion impact. Please revise mapping, impact tables, and mitigation tables accordingly.

y) On Sheet CL-042 the stream crossing at S-A059 (UNT Sandy River) is proposed as conventional bore. Is it possible to avoid the abutting wetland (W-071A) along the northern fringe of the LOD?

z) As the impact to W-F001(Sheet CL-0052) is located at the fringe of the LOD and outside of the operational workspace, is it possible to slightly reduce the LOD at this location to avoid temporary impact?

aa) On Sheet CL-057, a small fringe of emergent wetland within W-B019 is located within the LOD and is not included as an impact. Please revise accordingly or note how it would be avoided.

bb) On Sheet CL-058, there are two (2) branches of perennial stream S-B054. Attachment H, Crossing 076 shows the channels as not connecting. Could you advise if the easterly channel loses bed and bank or if there is a linework error and should connect to a confluence of channels.

cc) A portion of forested wetland W-B013B is hatched beyond the Virginia state boundary in North Carolina. Please advise if the linework for the state boundary is georeferenced correctly or, if accurate, remove hatching and the portion of impacts that occur in North Carolina from the callout and impact tables. The mitigation table may need to be adjusted accordingly as the area is designated as a conversion impact.

dd) On Sheet AR-009, please confirm that the limits of W-A13B do not extend beyond the limits of the proposed limit of disturbance and, therefore, the proposed access road would not incur any wetland impacts.

ee) On Sheet AR-012 and Table 13, the existing access and culvert is proposed to be upsized. If the footprint of the culvert and any additional riprap change, this would need to be considered a permanent impact.

ff) Table 13 notes that the proposed access road TA-PL-011 on Sheet AR-017 would avoid additional wetland and stream impacts from a different alignment. Aerial mapping indicates the potential presence of an existing access road to the east. Please advise if utilization of this access road would be feasible and would result in less impacts or if there are site constraints (e.g. steep slopes) that would prevent its use.

gg) TA-PL-018 on Sheet AR-022 shows a temporary stream impact (S-A069) within an existing access road. Please advise if there is an existing culvert and the nature of the impact.

hh) On Sheet AR-033, the existing access road off Millsville Lane crosses PEM W-A061. This wetland is located within the access road but shows no impact; please advise why there is no temporary impact called out at this location. Also, Stream S-A065 notes culvert replacement for the ephemeral channel. Table 13 notes the culvert would be upsized. If the footprint of the culvert and any additional riprap will change, this would need to be considered a permanent impact.

ii) Proposed access road (TA-PL-052) appears to be located within an existing, unimproved drive. Figure 3 (Sheet AR-042) shows a stream (S-D002) upstream and downstream of the crossing. National Wetland Inventory and U.S. Geological Service topographic mapping indicates the confluence of two (2) intermittent streams immediately adjacent (less than fifteen [15] feet) to the proposed access road to the west. The stream then bisects the access road as it flows downstream to the east. Please advise if this stream is culverted within the access road, if conveyed underground, or loses bed and bank. Given the presence of the stream bisecting the project area, please describe or provide a detail of measures taken to prevent discharge to downstream waters. Please advise if it is technically feasible to utilize the existing right-of-way for construction access at this location or share access with the SSEP.

jj) Sheet AR-044- TA-PL-061- access off Ed Hardy Drive includes three (3) stream crossings, one (1) wetland PFO crossing (conversion). Table 13 indicates streams would be forded or existing culverts would be utilized; please indicate which crossings are forded versus culverts and the describe the nature of temporary impacts that would be incurred.

kk) Table 13 shows impacts associated with access roads and indicates a number of streams are proposed to be forded. While these streams may provide access to the property owner under the existing agricultural exemption, as the project is proposing different use that exemption would not be applicable to crossings related to the proposed project. Due to the equipment type and number of crossings, impacts related to crossings may be more than de minimis. DEQ will require timber mat bridges or temporary culverts at stream crossings.

ll) Please confirm timber mats will be used for TA-Pl-067 for W-B016 crossing.

mm) Please confirm that all fills will be removed for access roads that impact forested wetlands (e.g. TA-PL-067) and proposed conversion impacts.

nn) Several discrepancies were noted in Cowardin classifications between the Table 3 (Wetland Impacts), Table 15 (Mitigation Table), and Figure 3 (Details Map):

i. W-B020: Figure 3/Table 3 lists as PSS; Table 15 lists as PFO.
ii. W-B021: Figure 3/Table 3 lists PFO; Table 15 lists as PSS.
iii. W-B041: Figure 3/Table 3 lists as PSS; Table 15 lists as PFO.
iv. W-B043: Figure 3/Table 3 lists as PFO; Table 15 lists as PSS.

Please review and revise tables/figures accordingly.

9. Pursuant to 9VAC25-210-80.B.1.p, a permit application fee is among items required to consider the application complete. DEQ has determined that the application fee is $24,180. Please find attached Water Division Permit Application Fee Form. Please follow the instructions on the form and send to DEQ.

The following section contains additional information necessary to assist in DEQ's review of the application or advises on the status of application review:

1. As part of agency review, DEQ has received comments from the Virginia Department of Conservation and Recreation and Virginia Department of Health Office of Drinking Water. DEQ has extended the comment period for the Virginia Department of Wildlife Resources by two (2) weeks.

2. The 30 May 2025 Response letter indicates coordination with USFWS is ongoing. Please provide concurrences from USFWS upon receipt.

We look forward to future coordination for this project. Please contact me at (804) 659-1986 or michael.mussomeli@deq.virginia.gov if you have any questions.

Respectfully,

Michael J. Mussomeli, PWS
Environmental Specialist II

cc (via email): Christian King, Burns & McDonnell Engineering Company, Inc.
Lori Ferry, Burns & McDonnell Engineering Company, Inc.
Steven VanderPloeg, USACE
Steve Hardwick, DEQ
Melanie Davenport, DEQ
Brenda Winn, DEQ
JPA.permits@mrc.virginia.gov, VMRC

DEPARTMENT OF ENVIRONMENTAL QUALITY
WATER DIVISION PERMIT APPLICATION FEE FORM

INSTRUCTIONS

Applicants for individual Virginia Pollutant Discharge Elimination System (VPDES), Virginia Pollution Abatement (VPA), Virginia Water Protection (VWP), and Groundwater Withdrawal (GW) permits are required to pay permit application fees, with the exception of farming operations engaged in production for market and permits pertaining to maintenance dredging for federal navigation channels or other Corps of Engineers or Department of the Navy-sponsored dredging projects. Fees are also required for registration for coverage under most general permits (see Fee Schedule, page 4 of this form).

NOTE: This form is NOT appropriate for Virginia Stormwater Management Program (VSMP) Construction General Permit (VAR10) fee payments.

The permit Fee Schedule is included on pages 3-4 of this form, and includes fees for permit issuance, reissuance*, and for permit modification. Except for VWP permits, fees must be paid when applications are submitted. Applicants for VWP permits will be notified by the DEQ of the fee due. Applications will be considered incomplete if the proper fee is not paid and will not be processed until the fee is received.

* Note: the reissuance fee does not apply to individual VPDES and VPA permits - see the fee schedule for details.

Once you have determined the fee for the type of application you are submitting, complete this form. The form and your check or money order payable to "Treasurer of Virginia" should be mailed to:

Department of Environmental Quality
Receipts Control
P.O. Box 1104
Richmond, VA 23218

You should retain a copy of the form and your check for your records. Please direct any questions regarding this form or fee payment to the DEQ Office to which you are submitting your application.

APPLICANT NAME:
ADDRESS:
DAYTIME PHONE: ( ) - (Area Code) **IRS EMPLOYER IDENTIFICATION NUMBER (EIN):** [*aka* Federal Tax Identification Number (FIN)]
FACILITY/ACTIVITY NAME:
LOCATION:
TYPE OF PERMIT APPLIED FOR: (from Fee Schedule)
TYPE OF ACTION: ☐ **New Issuance** ☐ **Reissuance** ☐ **Modification**
AMOUNT OF FEE SUBMITTED (from Fee Schedule)**: $**
EXISTING PERMIT NUMBER (if applicable)**:**

DEQ OFFICE TO WHICH APPLICATION OR REGISTRATION SUBMITTED (check one)

☐ **Abingdon/SWRO**	☐ **Harrisonburg/VRO**	☐ **Woodbridge/NRO**	☐ **Glen Allen/PRO**
☐ **Richmond/Headquarters**	☐ **Roanoke/BRRO**	☐ **Virginia Beach/TRO**	

FOR DEQ USE ONLY

Date: **DC#:**

[Page Left Blank]

FEE SCHEDULES

A. VPDES and VPA Individual Permits. Applications for issuance of new individual VPDES or VPA permits, and for permittee-initiated major modifications that become effective before the stated permit expiration date. (Flows listed are facility "design" flows. Land application rates listed are facility "design" rates.) [NOTE: VPDES and VPA permittees pay an Annual Permit Maintenance Fee (APMF) instead of a reapplication fee for reissuance, and the APMF is invoiced separately by DEQ.]

TYPE OF INDIVIDUAL PERMIT	ISSUANCE	MODIFICATION	LAND APP MOD
VPDES Industrial Major	$24,000	$12,000	
VPDES Municipal Major	$21,300	$10,650	$1,000 [1]
VPDES Industrial Minor / No Standard Limits	$10,200	$5,100	
VPDES Industrial Minor / Standard Limits	$3,300	$3,300	
VPDES Industrial Stormwater	$7,200	$3,600	
VPDES Municipal Stormwater MS4 Individual (Large and Medium)	$16,000	$5,000	
VPDES Municipal Stormwater MS4 Individual (Small)	$8,000	$2,500	
VPDES Municipal Minor / Greater Than 100,000 GPD	$7,500	$3,750	$1,000 [1]
VPDES Municipal Minor / 10,001 GPD - 100,000 GPD	$6,000	$3,000	$1,000 [1]
VPDES Municipal Minor / 1,001 GPD - 10,000 GPD	$5,400	$2,700	$1,000 [1]
VPDES Municipal Minor / 1,000 GPD or Less	$2,000	$1,000	
VPDES Municipal that includes authorization for land application, distribution, or marketing of biosolids or land disposal of sewage sludge	$5,000 [1]	$1,000 [1]	$1,000 [1]
VPA Industrial Wastewater Operation / Land Application of 10 or More Inches Per Year	$15,000	$7,500	
VPA Industrial Wastewater Operation / Land Application of Less Than 10 Inches Per Year	$10,500	$5,250	
VPA Industrial Sludge Operation	$7,500	$3,750 [2]	
VPA Municipal Wastewater Operation	$13,500	$6,750	
VPA Municipal Biosolids Operation	$5,000	$1,000 [2,3]	
VPA Combined Sludge Operation - Mun. Biosolids & Ind. Sludges (except WTP residuals)	$7,500	$3,750 [2]	
All other VPA operations not specified above	$750	$375	

[1] To be paid in addition to any required VPDES issuance or modification fee. The modification fee shall apply for any addition of land application sites to a permit.

[2] The modification fee shall apply to any addition of land application sites to a permit.

[3] When adding any industrial source (excluding water treatment plant residuals) to a permit that only authorizes the land application of municipal biosolids, the modification fee for a VPA combined sludge operation shall apply.

B. Virginia Water Protection (VWP) Individual Permits. Applications for issuance of new individual, and reissuance or major modification of existing individual VWP permits. Only one permit application fee will be assessed per application; for a permit application involving more than one of the operations described below, the governing fee shall be based upon the primary purpose of the proposed activity. (Withdrawal amounts shown are maximum daily withdrawals.)

TYPE OF INDIVIDUAL PERMIT	ISSUANCE/REISSUANCE	MODIFICATION
VWP Individual / Surface Water Impacts (Wetlands, Streams and/or Open Water)	$2,400 plus $220 for each 4,356 sq. ft. (1/10 acre) (or portion thereof) of incremental impact over 87,120 sq. ft. (two acres) ($60,000 maximum)	$1,200 plus $110 for each 4,356 sq. ft. (1/10 acre) (or portion thereof) of incremental impact over 87,120 sq. ft. (two acres) ($30,000 maximum)
VWP Individual / Nonmetallic Mineral Mining	$2,400 plus $220 for each 4,356 sq. ft. (1/10 acre) (or portion thereof) of incremental impact over 87,120 sq. ft. (two acres) ($7,500 maximum)	$1,200 plus $110 for each 4,356 sq. ft. (1/10 acre) (or portion thereof) of incremental impact over 87,120 sq. ft. (two acres) ($3,750 maximum)
VWP Individual/Minimum Instream Flow – Surface Water Withdrawals equal to or greater than 3,000,000 gallons on any day	$25,000	$5,000
VWP Individual / Minimum Instream Flow – Surface Water Withdrawals between 2,000,000 and 2,999,999 gallons on any day	$20,000	$5,000
VWP Individual / Minimum Instream Flow – Surface Water Withdrawals between 1,000,000 and 1,999,999 gallons on any day	$15,000	$5,000
VWP Individual / Minimum Instream Flow – Surface Water Withdrawals < 1,000,000 gallons on any day that do not otherwise qualify for a general VWP permit for water withdrawals	$10,000	$5,000
VWP Individual / Reservoir – Major (any new or expanded reservoir with greater than or equal to 17 acres of total surface water impacts (stream and wetlands), or a water	$35,000	$12,500

TYPE OF INDIVIDUAL PERMIT	ISSUANCE/REISSUANCE	MODIFICATION
withdrawal of greater than or equal to 3,000,000 gallons in any one day)		
VWP Individual / Reservoir – Minor (any new or expanded reservoir with less than 17 acres of total surface water impacts (stream and wetlands), or a water withdrawal of less than 3,000,000 gallons in any one day)	$25,000	$12,500

C. Groundwater Withdrawal (GW) Individual Permits. Applications for issuance of new individual, and reissuance or major modification of existing individual GW permits.

TYPE OF INDIVIDUAL PERMIT	ISSUANCE/REISSUANCE	MODIFICATION
Groundwater Withdrawal / Initial Permit for an Existing Withdrawal Based Solely on Historic Withdrawals	$1,200	$600
Groundwater Withdrawal – effective through 12/31/2018	$6,000	$3,000
Groundwater Withdrawal – effective 1/1/2019	$9,000	$3,000

D. Registration Statements (VPDES and VPA permits) or Applications (VWP permits) for General Permit Coverage.

TYPE OF GENERAL PERMIT	ISSUANCE
VPDES General Permit for Domestic Sewage Discharges Less Than or Equal to 1,000 GPD (VAG40)	Zero ($0)
VPDES General Permit for Discharges from Petroleum Contaminated Sites, Groundwater Remediation & Hydrostatic Tests (VAG83)	Zero ($0)
VPDES General Permit for Discharges Resulting from the Application of Pesticides to Surface Waters of Virginia (VAG87)	Zero ($0)
VPDES General Permit for Storm Water Discharges Associated with Industrial Activity (VAR05)	$500
VPA General Permit for Pollutant Management Activities for Animal Feeding Operations and Animal Waste Management (VPG1)	Zero ($0)
VPA General Permit for Poultry Waste Management (VPG2)	Zero ($0)
VPDES General Permit for Concrete Product Facilities (VAG11)	$600
VPDES General Permit for Noncontact Cooling Water Discharges of 50,000 GPD or Less (VAG25)	$600
VPDES General Permit for Seafood Processing Facilities (VAG52)	$600
VPDES General Permit for Potable Water Treatment Plants (VAG64)	$600
VPDES General Permit for Vehicle Wash Facilities and Laundry Facilities (VAG75)	$600
VPDES General Permit for Nonmetallic Mineral Mining (VAG84)	$600
VPDES General Permit for Total Nitrogen and Total Phosphorus Discharges and Nutrient Trading in the Chesapeake Watershed in Virginia (VAN)	$600
VPDES General Permit for Municipal Separate Storm Sewer Systems (MS4) – Small (VAR04)	$4000
VWP General / Less Than 4,356 sq. ft. (1/10 acre) of Surface Water Impact (Wetlands, Streams and/or Open Water)	$0
VWP General / 4,356 sq. ft. to 21,780 sq. ft. (1/10 acre to 1/2 acre) of Surface Water Impact (Wetlands, Streams and/or Open Water)	$600
VWP General / 21,781 sq. ft. to 43,560 sq. ft. (greater than 1/2 acre to one acre) of Surface Water Impact (Wetlands, Streams and/or Open Water)	$1,200
VWP General / 43,561 sq. ft. to 87,120 sq. ft. (greater than one acre to two acres) of Surface Water Impact (Wetlands, Streams and/or Open Water)	$1,200 plus $120 for each 4,356 sq. ft. (1/10 acre) (or portion thereof) of incremental impact over 43,560 sq. ft. (one acre) ($2,400 maximum)
VWP General / Minimum Instream Flow / Reservoir - Water withdrawals and/or pond construction	$2,400

NOTE: This form is NOT appropriate for Virginia Stormwater Management Program (VSMP) Construction General Permit (VAR10) fee payments. Please refer to the following web site hyperlink to obtain appropriate VAR10 permit fee forms:

Hyperlink to the DEQ Virginia Stormwater Management, Construction Stormwater Permit Program website.

Outlook

MVP SG - PRM Project

From Justin Curtis <justin@aqualaw.com>
Date Fri 2025-06-13 2:57 PM
To Hardwick, Steven (DEQ) <steven.hardwick@deq.virginia.gov>; Mussomeli, Michael (DEQ) <michael.mussomeli@deq.virginia.gov>
Cc Tessier, John <john.tessier@nee.com>; Sabol, James <james.sabol@eqt.com>; Chalmers, Cory M. <cchalmers@equitransmidstream.com>; Neylon, Megan <megan.neylon@eqt.com>; Sherman, Paul A <pasherman@burnsmcd.com>; Heller Leib, Abigail (Abby) <ahellerleib@burnsmcd.com>

Mike and Steve,

The MVP Southgate project team would like an opportunity to discuss a PRM project option with you. The team should be ready to have a productive discussion by the week of June 23. We have some flexibility and will try to be available for whichever date and time work best for you.

Also, we'll defer to your preference on this, but we think it would be beneficial to invite Steven Vanderploeg to join the discussion.

Please me know what time or times work best for you and if you'd like to invite the Corps in as well.

Thanks,
Justin

Justin W. Curtis
Vice President
AQUALAW

804-303-5892 (O)
804-402-7300 (C)
Justin@AquaLaw.com
www.AquaLaw.com

To check my availability and schedule a meeting, click here.

Outlook

Re: MVP SG - PRM Project

From Winn, Brenda (DEQ) <Brenda.Winn@deq.virginia.gov>
Date Sat 2025-06-14 10:31 AM
To Justin Curtis <justin@aqualaw.com>; Mussomeli, Michael (DEQ) <Michael.Mussomeli@deq.virginia.gov>; Hardwick, Steven (DEQ) <steven.hardwick@deq.virginia.gov>
Cc Tessier, John <John.Tessier@nee.com>; Sabol, James <james.sabol@eqt.com>; Chalmers, Cory M. <cchalmers@equitransmidstream.com>; Neylon, Megan <megan.neylon@eqt.com>; Sherman, Paul A <pasherman@burnsmcd.com>; Heller Leib, Abigail (Abby) <ahellerleib@burnsmcd.com>; Pichardo, Robert <robert.pichardo@eqt.com>; Woodford, Sarah (DEQ) <Sarah.Woodford@deq.virginia.gov>

Hello all- I will be away from the office during the week of June 23rd. I am copying Sarah Woodford so that she can coordinate between Sydney Von Wilson and herself to attend in my place.

Thank you!

Get Outlook for iOS

From: Justin Curtis <justin@aqualaw.com>
Sent: Friday, June 13, 2025 9:40:52 PM
To: Mussomeli, Michael (DEQ) <Michael.Mussomeli@deq.virginia.gov>; Hardwick, Steven (DEQ) <steven.hardwick@deq.virginia.gov>
Cc: Tessier, John <john.tessier@nee.com>; Sabol, James <james.sabol@eqt.com>; Chalmers, Cory M. <cchalmers@equitransmidstream.com>; Neylon, Megan <megan.neylon@eqt.com>; pasherman@burnsmcd.com <pasherman@burnsmcd.com>; Heller Leib, Abigail (Abby) <ahellerleib@burnsmcd.com>; Winn, Brenda (DEQ) <Brenda.Winn@deq.virginia.gov>; Pichardo, Robert <robert.pichardo@eqt.com>
Subject: RE: MVP SG - PRM Project

CAUTION: This Email originated from OUTSIDE of the COV. Do not open attachments or click links unless this email comes from a known sender and you know the content is safe..

Thanks Mike. We'll check with Vanderploeg and get back to you shortly to lock in a time.

Justin W. Curtis
Vice President
AQUALAW
804-303-5892 (O)
804-402-7300 (C)
Justin@AquaLaw.com
www.AquaLaw.com

To check my availability and schedule a meeting, click here.

From: Mussomeli, Michael (DEQ) <Michael.Mussomeli@deq.virginia.gov>
Sent: Friday, June 13, 2025 7:15 PM
To: Justin Curtis <justin@aqualaw.com>; Hardwick, Steven (DEQ) <steven.hardwick@deq.virginia.gov>
Cc: Tessier, John <john.tessier@nee.com>; Sabol, James <james.sabol@eqt.com>; Chalmers, Cory M. <cchalmers@equitransmidstream.com>; Neylon, Megan <megan.neylon@eqt.com>;

pasherman@burnsmcd.com; Heller Leib, Abigail (Abby) <ahellerleib@burnsmcd.com>; Winn, Brenda (DEQ) <Brenda.Winn@deq.virginia.gov>
Subject: Re: MVP SG - PRM Project

Hello Justin:
I would concur that it would be good to have a meeting to discuss a PRM alternative and would strongly encourage to include USACE as well. I'd also like to include Brenda Winn, manager of Office of Wetlands and Stream Protection on this discussion.

Currently, I am available on the following:
Monday, 23 June: 9:00 a.m. - 12:00 p.m.
Tuesday, 24 June: 10:00 a.m. - 2:00 p.m.
Wednesday, 25 June: all day

If those times don't work for all participants, please advise and I can see if I can shift things around to accommodate.

Thanks,

Michael J. Mussomeli, PWS
Environmental Specialist II
Office of Wetlands and Streams Protection
Virginia Department of Environmental Quality
1111 East Main Street, Suite 1400
Richmond VA 23228
(804) 659-1986

Michael J. Mussomeli, PWS
Environmental Specialist II
Department of Environmental Quality | Central Office
1111 East Main Street
Richmond, VA 23219
(804) 659-1986
michael.mussomeli@deq.virginia.gov
www.deq.virginia.gov

From: Justin Curtis <justin@aqualaw.com>
Sent: Friday, June 13, 2025 3:57 PM
To: Hardwick, Steven (DEQ) <steven.hardwick@deq.virginia.gov>; Mussomeli, Michael (DEQ) <michael.mussomeli@deq.virginia.gov>
Cc: Tessier, John <john.tessier@nee.com>; Sabol, James <james.sabol@eqt.com>; Chalmers, Cory M.

<cchalmers@equitransmidstream.com>; Neylon, Megan <megan.neylon@eqt.com>; pasherman@burnsmcd.com <pasherman@burnsmcd.com>; Heller Leib, Abigail (Abby) <ahellerleib@burnsmcd.com>
Subject: MVP SG - PRM Project

CAUTION: This Email originated from OUTSIDE of the COV. Do not open attachments or click links unless this email comes from a known sender and you know the content is safe..

Mike and Steve,

The MVP Southgate project team would like an opportunity to discuss a PRM project option with you. The team should be ready to have a productive discussion by the week of June 23. We have some flexibility and will try to be available for whichever date and time work best for you.

Also, we'll defer to your preference on this, but we think it would be beneficial to invite Steven Vanderploeg to join the discussion.

Please me know what time or times work best for you and if you'd like to invite the Corps in as well.

Thanks,

Justin

Justin W. Curtis
Vice President
AQUALAW
804-303-5892 (O)
804-402-7300 (C)
Justin@AquaLaw.com
www.AquaLaw.com

To check my availability and schedule a meeting, click here.

Outlook

RE: MVP SG - PRM Project - DEQ availability

From VanderPloeg, Steven A CIV USARMY CENAO (USA) <Steven.A.Vanderploeg@usace.army.mil>

Date Tue 2025-06-17 3:22 PM

To Hardwick, Steven (DEQ) <Steven.Hardwick@deq.virginia.gov>; Tessier, John <John.Tessier@nee.com>; von Wilson, Sydney (DEQ) <Sydney.vonWilson@deq.virginia.gov>; Justin Curtis <justin@aqualaw.com>; Mussomeli, Michael (DEQ) <Michael.Mussomeli@deq.virginia.gov>; Mussomeli, Michael (DEQ) <Michael.Mussomeli@deq.virginia.gov>

Cc Winn, Brenda (DEQ) <Brenda.Winn@deq.virginia.gov>; James <james.sabol@eqt.com>; Cory M. <cchalmers@equitransmidstream.com>; Megan <megan.neylon@eqt.com>; Sherman, Paul A <pasherman@burnsmcd.com>; Heller Leib, Abigail (Abby) <ahellerleib@burnsmcd.com>; Robert <robert.pichardo@eqt.com>; Woodford, Sarah (DEQ) <Sarah.Woodford@deq.virginia.gov>; Ferry, Lori M <lmferry@burnsmcd.com>

John,

I am available Friday from 1:00 – 2:00.

Thanks,

Steven

Steven VanderPloeg
Environmental Scientist
US Army Corps of Engineers, Norfolk District
Western Virginia Regulatory Section
9100 Arboretum Parkway, Suite 235
Richmond, VA 23236
(804) 397-9836

From: Hardwick, Steven (DEQ) <Steven.Hardwick@deq.virginia.gov>
Sent: Tuesday, June 17, 2025 1:14 PM
To: Tessier, John <John.Tessier@nee.com>; von Wilson, Sydney (DEQ) <Sydney.vonWilson@deq.virginia.gov>; Justin Curtis <justin@aqualaw.com>; Mussomeli, Michael (DEQ) <Michael.Mussomeli@deq.virginia.gov>; Mussomeli, Michael (DEQ) <Michael.Mussomeli@deq.virginia.gov>
Cc: Winn, Brenda (DEQ) <Brenda.Winn@deq.virginia.gov>; James <james.sabol@eqt.com>; Cory M. <cchalmers@equitransmidstream.com>; Megan <megan.neylon@eqt.com>; pasherman@burnsmcd.com; Abigail (Abby <ahellerleib@burnsmcd.com>; Robert <robert.pichardo@eqt.com>; Woodford, Sarah (DEQ) <Sarah.Woodford@deq.virginia.gov>; VanderPloeg, Steven A CIV USARMY CENAO (USA) <Steven.A.Vanderploeg@usace.army.mil>; Ferry, Lori M <lmferry@burnsmcd.com>
Subject: [Non-DoD Source] RE: MVP SG - PRM Project - DEQ availability

John,

I am available then.

Thanks,

Steve Hardwick
VWP Permit and Compliance Coordinator
Office of Wetlands and Stream Protection
Virginia Department of Environmental Quality
1111 East Main Street, Suite 1400
Richmond VA 23228
(804) 698-4168

Permitting Enhancement and Evaluation Platform (PEEP) - DEQ's permit application tracking system
Pollution/Citizen Complaints
Education Series

From: Tessier, John <John.Tessier@nee.com>
Sent: Tuesday, June 17, 2025 1:09 PM
To: von Wilson, Sydney (DEQ) <Sydney.vonWilson@deq.virginia.gov>; Justin Curtis <justin@aqualaw.com>; Mussomeli, Michael (DEQ) <Michael.Mussomeli@deq.virginia.gov>; Mussomeli, Michael (DEQ) <Michael.Mussomeli@deq.virginia.gov>; Hardwick, Steven (DEQ) <Steven.Hardwick@deq.virginia.gov>
Cc: Winn, Brenda (DEQ) <Brenda.Winn@deq.virginia.gov>; James <james.sabol@eqt.com>; Cory M. <cchalmers@equitransmidstream.com>; Megan <megan.neylon@eqt.com>; pasherman@burnsmcd.com; Abigail (Abby <ahellerleib@burnsmcd.com>; Robert <robert.pichardo@eqt.com>; Woodford, Sarah (DEQ) <Sarah.Woodford@deq.virginia.gov>; VanderPloeg, Steven A CIV USARMY CENAO (USA) <steven.a.vanderploeg@usace.army.mil>; Ferry, Lori M <lmferry@burnsmcd.com>
Subject: RE: MVP SG - PRM Project - DEQ availability

CAUTION: This Email originated from OUTSIDE of the COV. Do not open attachments or click links unless this email comes from a known sender and you know the content is safe..

Mike/Steve,

Wednesday the 25th works great for us. Can we do 1-2 eastern?

I also added Steven Vanderploeg to the email string as well.

Thanks,

John Tessier
Environmental Services Manager
Environmental Services Department

NextEra Energy
700 Universe Blvd
Juno Beach, FL 33408
Office: 561-694-4131
John.tessier@nee.com

Join our team! We have exciting opportunities available on our environmental team:
NextEra Energy Careers | Home
Keyword: Environmental

From: von Wilson, Sydney (DEQ) <Sydney.vonWilson@deq.virginia.gov>
Sent: Tuesday, June 17, 2025 9:10 AM

To: Justin Curtis <justin@aqualaw.com>; Mussomeli, Michael (DEQ) <Michael.Mussomeli@deq.virginia.gov>; Mussomeli, Michael (DEQ) <Michael.Mussomeli@deq.virginia.gov>; Hardwick, Steven (DEQ) <Steven.Hardwick@deq.virginia.gov>
Cc: Winn, Brenda (DEQ) <Brenda.Winn@deq.virginia.gov>; Tessier, John <John.Tessier@nee.com>; James <james.sabol@eqt.com>; Cory M. <cchalmers@equitransmidstream.com>; Megan <megan.neylon@eqt.com>; pasherman@burnsmcd.com; Abigail (Abby <ahellerleib@burnsmcd.com>; Robert <robert.pichardo@eqt.com>; Woodford, Sarah (DEQ) <Sarah.Woodford@deq.virginia.gov>
Subject: MVP SG - PRM Project - DEQ availability

Good morning,

I'm available the 23rd from 9am-12pm or the 25th from 12pm-4:30pm.

Thank you,
Sydney

Sydney Von Wilson
Mitigation Specialist, CO
Virginia Department of Environmental Quality
1111 East Main St., Suite 1400
Richmond, VA 23219
(804) 316-2587

2023 Monitoring Report Template
Permitting Enhancement and Evaluation Platform (PEEP)
USACE and DEQ MOA

From: Woodford, Sarah (DEQ) <Sarah.Woodford@deq.virginia.gov>
Sent: Monday, June 16, 2025 3:59 PM
To: von Wilson, Sydney (DEQ) <Sydney.vonWilson@deq.virginia.gov>
Subject: Fw: MVP SG - PRM Project

FYI.

Sarah M. Woodford
Mitigation Specialist
Virginia Department of Environmental Quality
1111 East Main Street, Suite 1400
Richmond, VA 23219
804-659-2672

USACE and DEQ MOA
2023 Monitoring Report Template (under Templates)
DEQ Compensatory Mitigation
Permitting Enhancement and Evaluation Platform (PEEP)
Virginia Permit Transparency (VPT)

From: Winn, Brenda (DEQ) <Brenda.Winn@deq.virginia.gov>
Sent: Saturday, June 14, 2025 11:31 AM
To: Justin Curtis <justin@aqualaw.com>; Mussomeli, Michael (DEQ) <Michael.Mussomeli@deq.virginia.gov>;

Hardwick, Steven (DEQ) <steven.hardwick@deq.virginia.gov>
Cc: Tessier, John <john.tessier@nee.com>; Sabol, James <james.sabol@eqt.com>; Chalmers, Cory M. <cchalmers@equitransmidstream.com>; Neylon, Megan <megan.neylon@eqt.com>; pasherman@burnsmcd.com <pasherman@burnsmcd.com>; Heller Leib, Abigail (Abby) <ahellerleib@burnsmcd.com>; Pichardo, Robert <robert.pichardo@eqt.com>; Woodford, Sarah (DEQ) <Sarah.Woodford@deq.virginia.gov>
Subject: Re: MVP SG - PRM Project

Hello all- I will be away from the office during the week of June 23rd. I am copying Sarah Woodford so that she can coordinate between Sydney Von Wilson and herself to attend in my place.

Thank you!

Get Outlook for iOS

From: Justin Curtis <justin@aqualaw.com>
Sent: Friday, June 13, 2025 9:40:52 PM
To: Mussomeli, Michael (DEQ) <Michael.Mussomeli@deq.virginia.gov>; Hardwick, Steven (DEQ) <steven.hardwick@deq.virginia.gov>
Cc: Tessier, John <john.tessier@nee.com>; Sabol, James <james.sabol@eqt.com>; Chalmers, Cory M. <cchalmers@equitransmidstream.com>; Neylon, Megan <megan.neylon@eqt.com>; pasherman@burnsmcd.com <pasherman@burnsmcd.com>; Heller Leib, Abigail (Abby) <ahellerleib@burnsmcd.com>; Winn, Brenda (DEQ) <Brenda.Winn@deq.virginia.gov>; Pichardo, Robert <robert.pichardo@eqt.com>
Subject: RE: MVP SG - PRM Project

CAUTION: This Email originated from OUTSIDE of the COV. Do not open attachments or click links unless this email comes from a known sender and you know the content is safe..

Thanks Mike. We'll check with Vanderploeg and get back to you shortly to lock in a time.

Justin W. Curtis
Vice President
A BLUE AND WHITE LOGO DESCRIPTION AUTOMATICALLY GENERATED

804-303-5892 (O)
804-402-7300 (C)
Justin@AquaLaw.com

www.AquaLaw.com

To check my availability and schedule a meeting, click here.

From: Mussomeli, Michael (DEQ) <Michael.Mussomeli@deq.virginia.gov>
Sent: Friday, June 13, 2025 7:15 PM
To: Justin Curtis <justin@aqualaw.com>; Hardwick, Steven (DEQ) <steven.hardwick@deq.virginia.gov>
Cc: Tessier, John <john.tessier@nee.com>; Sabol, James <james.sabol@eqt.com>; Chalmers, Cory M. <cchalmers@equitransmidstream.com>; Neylon, Megan <megan.neylon@eqt.com>; pasherman@burnsmcd.com; Heller Leib, Abigail (Abby) <ahellerleib@burnsmcd.com>; Winn, Brenda (DEQ) <Brenda.Winn@deq.virginia.gov>
Subject: Re: MVP SG - PRM Project

Hello Justin:
I would concur that it would be good to have a meeting to discuss a PRM alternative and would strongly encourage to include USACE as well. I'd also like to include Brenda Winn, manager of Office of Wetlands and Stream Protection on this discussion.

Currently, I am available on the following:

Monday, 23 June: 9:00 a.m. - 12:00 p.m.
Tuesday, 24 June: 10:00 a.m. - 2:00 p.m.
Wednesday, 25 June: all day

If those times don't work for all participants, please advise and I can see if I can shift things around to accommodate.

Thanks,

Michael J. Mussomeli, PWS
Environmental Specialist II
Office of Wetlands and Streams Protection
Virginia Department of Environmental Quality
1111 East Main Street, Suite 1400
Richmond VA 23228
(804) 659-1986

Michael J. Mussomeli, PWS
Environmental Specialist II
Department of Environmental Quality | Central Office
1111 East Main Street
Richmond, VA 23219
(804) 659-1986
michael.mussomeli@deq.virginia.gov
www.deq.virginia.gov

From: Justin Curtis <justin@aqualaw.com>
Sent: Friday, June 13, 2025 3:57 PM
To: Hardwick, Steven (DEQ) <steven.hardwick@deq.virginia.gov>; Mussomeli, Michael (DEQ) <michael.mussomeli@deq.virginia.gov>
Cc: Tessier, John <john.tessier@nee.com>; Sabol, James <james.sabol@eqt.com>; Chalmers, Cory M. <cchalmers@equitransmidstream.com>; Neylon, Megan <megan.neylon@eqt.com>; pasherman@burnsmcd.com <pasherman@burnsmcd.com>; Heller Leib, Abigail (Abby) <ahellerleib@burnsmcd.com>
Subject: MVP SG - PRM Project

CAUTION: This Email originated from OUTSIDE of the COV. Do not open attachments or click links unless this email comes from a known sender and you know the content is safe..

Mike and Steve,

The MVP Southgate project team would like an opportunity to discuss a PRM project option with you. The team should be ready to have a productive discussion by the week of June 23. We have some flexibility and will try to be available for whichever date and time work best for you.

Also, we'll defer to your preference on this, but we think it would be beneficial to invite Steven Vanderploeg to join the discussion.

Please me know what time or times work best for you and if you'd like to invite the Corps in as well.

Thanks,

Justin

Justin W. Curtis	804-303-5892 (O)
Vice President	804-402-7300 (C)
A blue and white logo Description automatically generated	Justin@AquaLaw.com
	www.AquaLaw.com

To check my availability and schedule a meeting, click here.

BURNS McDONNELL

Permittee Responsible Mitigation Solution

MOUNTAIN VALLEY PIPELINE, LLC

June 2025

JUNE 25, 2025

Agenda

- Our Team
- Our Experience
- Project Overview
- Project Needs
- Potential PRM Solution
- Next Steps
- Discussion

BURNS & McDONNELL PROPRIETARY INFORMATION

INTRODUCTIONS

Our team sets itself apart by delivering innovative, client-focused solutions that consistently exceed expectations, blending creativity with deep industry knowledge to drive exceptional results.

Our Team

Lori Ferry
Project Manager

Paul Sherman
Mitigation Practice Manager

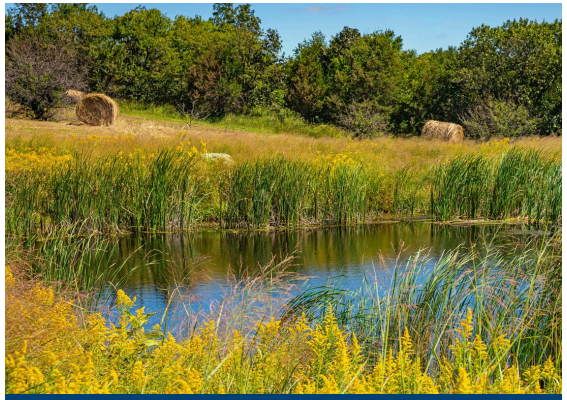
Chris Yow
Lead Engineer

Patrick Meier
Lead Wetland Scientist

Christian King
Permitting Lead

BURNS & McDONNELL PROPRIETARY INFORMATION

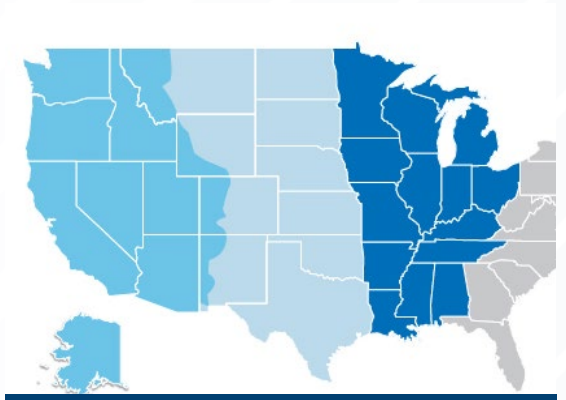
National Mitigation Banking Experience



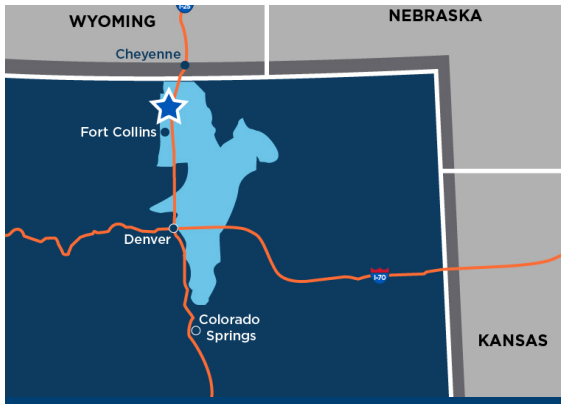
CHARITON HILLS
Bat Conservation Bank

MOOSA CREEK
Turnkey Restoration

NORTH FORK CROW RIVER
Wetland Mitigation Bank

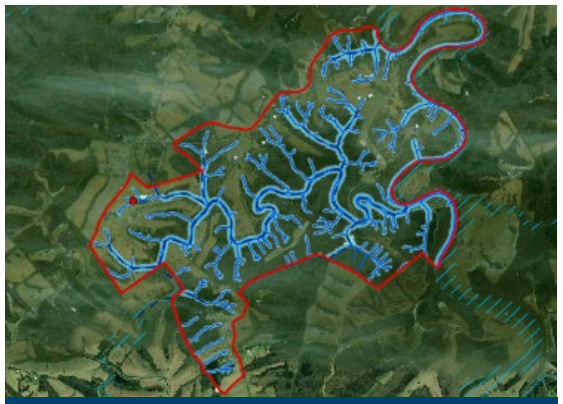


EPOP
Nationwide Eagle Program

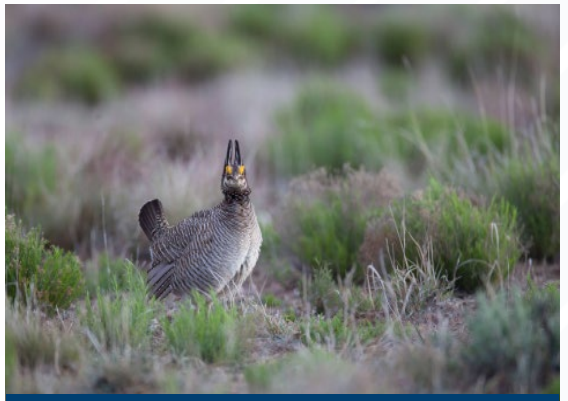


PARK CREEK
Wetland Mitigation Bank

PUZZLE CREEK
Joshua Tree Conservation Bank



RICHLAND CREEK
Stream Bank



LESSER PRAIRIE CHICKEN
Conservation Bank

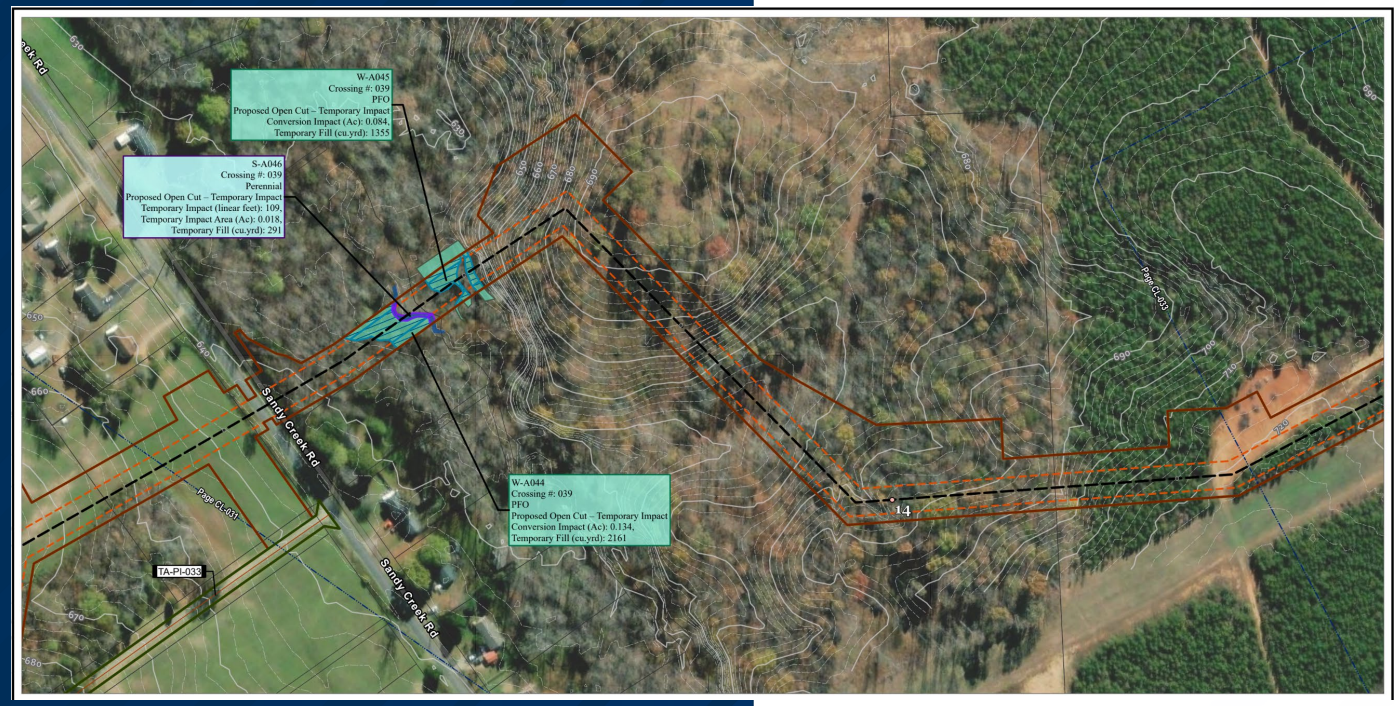
BURNS & McDONNELL PROPRIETARY INFORMATION

Project Overview

MVP Southgate Amendment Project

- Natural Gas Pipeline Project
  - FERC regulated
  - 31 miles long
  - Chatham, VA to Eden, NC

BURNS & McDONNELL PROPRIETARY INFORMATION



IMPACT ASSESSMENT

Virginia Mitigation Needs

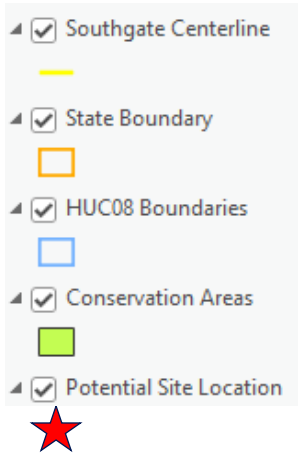
- Streams
  - 5,695 linear feet of temporary impacts
  - 62 linear feet of permanent impacts
  - Using USM evaluation, mitigation requirement of 44 credits
  - Credits are Available
- Wetlands
  - 5.204 acres of temporary impacts
  - 5.994 acres of conversion impacts
  - At 1:1 ratio, mitigation requirement of 5.994 credits
  - No mitigation credits available
  - PRM solution to satisfy credit requirement

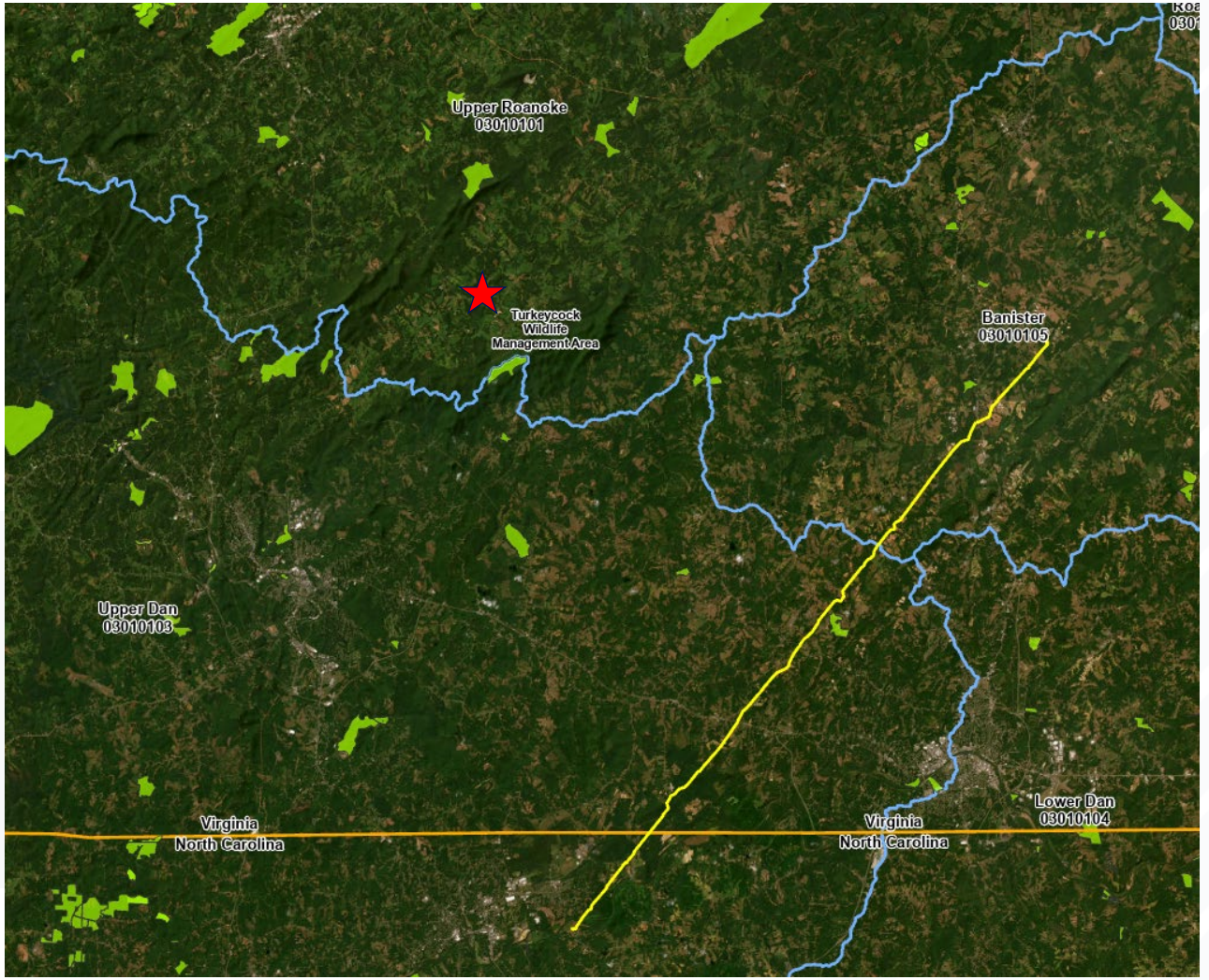
BURNS & McDONNELL PROPRIETARY INFORMATION

Potential Mitigation Solution

Snow Creek Property

- Location Overview
  - Roanoke HUC 6
  - Upper Roanoke HUC 8
  - Adjacent Conservation Areas, Turkeycock WMA
  - TNC - Tier 1 Priority Freshwater Resilience Watershed





BURNS & McDONNELL PROPRIETARY INFORMATION

Potential Mitigation Solution

Snow Creek Property

1994 Aerial Imagery, Google Earth

2024 Aerial Imagery, ESRI

Feb. 2025 Site Photo Looking Southwest

BURNS & McDONNELL PROPRIETARY INFORMATION

Potential Mitigation Action

- Remove drain tile
- Plug ditches
- Increase water table up to pre-ditched condition
- Earthwork and planting in restoration and creation footprints
- Restore approximately 3.6+/- acres of wetlands
- Create approximately 3.4+/- acres of wetlands
- May generate approximately 7.0 WMUs
- Interim maintenance and monitoring
- Protection in Perpetuity (deed restriction or CE)
- Long-term management

BURNS & McDONNELL PROPRIETARY INFORMATION

Next Steps

MVP Southgate Amendment Project

- Secure land interest
  - Mitigation Use Rights Agreement
- Develop PRM Submittal
- Upon DEQ and USACE approval, construction drawings
- Restoration construction, submittal of as-builts
- Implement site protections and management

BURNS & McDONNELL PROPRIETARY INFORMATION

Thank you

Discussion

BURNS & McDONNELL PROPRIETARY INFORMATION

Outlook

FW: 25-0752- Wetland mapping

From Chalmers, Cory <cory.chalmers@eqt.com>
Date Thu 2025-07-10 8:11 AM
To King, Christian M <cmking2@burnsmcd.com>
Cc justin@aqualaw.com <justin@aqualaw.com>; Neylon, Megan <Megan.Neylon@eqt.com>; Tessier, John <john.tessier@nee.com>; Sabol, James <James.Sabol@eqt.com>; Pichardo, Robert <Robert.Pichardo@eqt.com>; Ferry, Lori M <lmferry@burnsmcd.com>; Heller Leib, Abigail (Abby) <ahellerleib@burnsmcd.com>

5 attachments (3 MB)

Figure 1-1 - Comparison Map.pdf; Figure 1-2 rev.pdf; Figure 1-4 - Comparison Map.pdf; Figure 1-18 - Comparison Map.pdf; SSWD Extract- Access Road.pdf;

Hi Christian—please see below from DEQ. They've identified multiple locations where there seems to be discrepancies between classification of our resources and SSEP's. Please review these locations and I'll setup a call for us to review this afternoon.

Big picture, if these are all revisions that need made but can't be completed prior to tomorrow (since coordination with SSEP is likely), I suggest we incorporate all requested updates into the current data request and submit to DEQ early next week. Mike even lightly suggested this approach when we spoke yesterday.

After Christian and I review, we'll follow up with this group.

Thanks,
Cory

From: Mussomeli, Michael (DEQ) <Michael.Mussomeli@deq.virginia.gov>
Sent: Thursday, July 10, 2025 8:48 AM
To: Chalmers, Cory <cory.chalmers@eqt.com>
Cc: Hardwick, Steven (DEQ) <Steven.Hardwick@deq.virginia.gov>
Subject: [EXTERNAL] 25-0752- Wetland mapping

Good morning Cory:
Thank you for discussion yesterday regarding to easement and application items. As noted, as I continued to review the details of the SSEP JPA found some additional potential discrepancies in Cowardin and field results. With the issued SSWD for SSEP and the outstanding PJD request for MVP, as DEQ moves forward with reviewing each application need to resolve. Rather than wait for the next comment letter, for expedience it may be better to address now as, if necessary, impact tables and mapping may need to be updated. I went through the projects, side by side, last night and came up with what I hope will be the final list of areas:

1. Sheet CL-001- W-A004- I've attached a draft figure DEQ (Figure 1-1) has been working on to compare the projects. Upstream, SSEP identifies a perennial stream (L064-1); MVP has a wetland impact at this location. If the stream loses OHM, DEQ would request photos to support.

2. Sheet CL-003- S-012- MVP identifies as ephemeral; SSEP as an perennial (see attached draft Figure 1-2). It appears the ephemeral is identified downstream of the perennial.

3. Sheet CL-007- SA019- MVP identifies as intermittent; Transco as perennial (see draft Figure 1-4). Differences potentially attributable to distance of alignments and nature of system/drainage.

4. Sheet CL-052 - MVP maps S-B033 as intermittent; SSEP as ephemeral (attached draft Figure 1-18). There is separation of the systems by a wetland; however, SSEP picked up the upstream confluence of the stream with the wetland (overlap of study area), with ephemeral designation.

5. Sheet AR-041/042 - Transco identified wetlands adjacent to what appears to be a culvert and immediately adjacent to the existing access road; due to the large scale of the SSWD figure (attached), it is difficult to determine if falls within MVPs study area. I don't recall seeing this/these locations as part of field reviews; however, with the data points provided and the SSWD issued, if an overlap exists I am inclined to stick with SSEPs results.

There were a couple of other locations with differences in stream classes; however, they were at locations where the alignments departed and, in review of mapping and available photos, supported the different determinations. I had a call with SSEP and advised them on the same and to look into/coordinate items b-e above; also, this was my best (and final) effort to determine if discrepancies exist. I would advise both applicants to again compare results to avoid any questions or changes later in the process.

Thank you again for your coordination and consideration. If any questions, please do not hesitate to contact me.

Michael J. Mussomeli, PWS
Environmental Specialist II
Office of Wetlands and Streams Protection
Virginia Department of Environmental Quality
1111 East Main Street, Suite 1400
Richmond VA 23228
(804) 659-1986

Michael J. Mussomeli, PWS
Environmental Specialist II
Department of Environmental Quality | Central Office
1111 East Main Street
Richmond, VA 23219
(804) 659-1986
michael.mussomeli@deq.virginia.gov
www.deq.virginia.gov

To learn about EQT's environmental, social and governance efforts visit: https://esg.eqt.com

Outlook

Fw: 25-0752- Wetland mapping

From Chalmers, Cory <cory.chalmers@eqt.com>
Date Fri 2025-07-11 1:23 PM
To King, Christian M <cmking2@burnsmcd.com>
Cc Heller Leib, Abigail (Abby) <ahellerleib@burnsmcd.com>; Ferry, Lori M <lmferry@burnsmcd.com>; Sabol, James <james.sabol@eqt.com>; Tessier, John <john.tessier@nee.com>; Pichardo, Robert <robert.pichardo@eqt.com>; Neylon, Megan <megan.neylon@eqt.com>

Christian—see below.

Get Outlook for iOS

From: Mussomeli, Michael (DEQ) <Michael.Mussomeli@deq.virginia.gov>
Sent: Friday, July 11, 2025 2:01 PM
To: Chalmers, Cory <cory.chalmers@eqt.com>
Cc: Hardwick, Steven (DEQ) <Steven.Hardwick@deq.virginia.gov>
Subject: [EXTERNAL] Re: 25-0752- Wetland mapping

This Message Is From an External Sender
This message came from outside your organization.
Report Suspicious

Good afternoon Cory:

Thank you for discussing the other day; I had provided SSEP's consultant with the same list and wound up speaking to them via Teams this afternoon for clarification. Based on that discussion, were able to resolve a couple items. Please strike Items B and D, as noted below:

a) Sheet CL-001- W-A004- I've attached a draft figure DEQ (Figure 1-1) has been working on to compare the projects. Upstream, SSEP identifies a perennial stream (L064-1); MVP has a wetland impact at this location. If the stream loses OHM, DEQ would request photos to support.
b) ~~Sheet CL-003- S-012- MVP identifies as ephemeral; SSEP as an perennial (see attached draft Figure 1-2). It appears the ephemeral is identified downstream of the perennial.~~ **This was a data entry error on my part; my apologies. Information submitted was correct and previously coordinated between both consultants. My apologies for error.**
c) Sheet CL-007- SA019- MVP identifies as intermittent; Transco as perennial (see draft Figure 1-4). Differences potentially attributable to distance of alignments and nature of system/drainage.
d) ~~Sheet CL-052 - MVP maps S-B033 as intermittent; SSEP as ephemeral (attached draft Figure 1-18). There is separation of the systems by a wetland; however, SSEP picked up the upstream confluence of the stream with the wetland (overlap of study area), with ephemeral designation.~~ **Upon discussing with SSEP consultant, due to the distance between the**

systems and separation by a wetland, DEQ concurs that upstream/downstream differences are due to field conditions. No further action required.

e) Sheet AR-041/042 - Transco identified wetlands adjacent to what appears to be a culvert and immediately adjacent to the existing access road; due to the large scale of the SSWD figure (attached), it is difficult to determine if falls within MVPs study area. I don't recall seeing this/these locations as part of field reviews; however, with the data points provided and the SSWD issued, if an overlap exists I am inclined to stick with SSEPs results.

Thanks,

Michael J. Mussomeli, PWS
Environmental Specialist II
Office of Wetlands and Streams Protection
Virginia Department of Environmental Quality
1111 East Main Street, Suite 1400
Richmond VA 23228
(804) 659-1986

Michael J. Mussomeli, PWS
Environmental Specialist II
Department of Environmental Quality | Central Office
1111 East Main Street
Richmond, VA 23219
(804) 659-1986
michael.mussomeli@deq.virginia.gov
www.deq.virginia.gov

From: Mussomeli, Michael (DEQ) <Michael.Mussomeli@deq.virginia.gov>
Sent: Thursday, July 10, 2025 8:48 AM
To: Chalmers, Cory <cory.chalmers@eqt.com>
Cc: Hardwick, Steven (DEQ) <Steven.Hardwick@deq.virginia.gov>
Subject: 25-0752- Wetland mapping

Good morning Cory:
Thank you for discussion yesterday regarding to easement and application items. As noted, as I continued to review the details of the SSEP JPA found some additional potential discrepancies in Cowardin and field results. With the issued SSWD for SSEP and the outstanding PJD request for MVP, as DEQ moves forward with reviewing each application need to resolve. Rather than wait for the next comment letter, for expedience it may be better to address now as, if necessary, impact tables and mapping may need to be updated. I went through the projects, side by side, last night and came up with what I hope will be the final list of areas:

a) Sheet CL-001- W-A004- I've attached a draft figure DEQ (Figure 1-1) has been working on to compare the projects. Upstream, SSEP identifies a perennial stream (L064-1); MVP has a wetland impact at this location. If the stream loses OHM, DEQ would request photos to support.
b) Sheet CL-003- S-012- MVP identifies as ephemeral; SSEP as an perennial (see attached draft Figure 1-2). It appears the ephemeral is identified downstream of the perennial.
c) Sheet CL-007- SA019- MVP identifies as intermittent; Transco as perennial (see draft Figure 1-4). Differences potentially attributable to distance of alignments and nature of system/drainage.
d) Sheet CL-052 - MVP maps S-B033 as intermittent; SSEP as ephemeral (attached draft Figure 1-18). There is separation of the systems by a wetland; however, SSEP picked up the upstream confluence of the stream with the wetland (overlap of study area), with ephemeral designation.
e) Sheet AR-041/042 - Transco identified wetlands adjacent to what appears to be a culvert and immediately adjacent to the existing access road; due to the large scale of the SSWD figure (attached), it is difficult to determine if falls within MVPs study area. I don't recall seeing this/these locations as part of field reviews; however, with the data points provided and the SSWD issued, if an overlap exists I am inclined to stick with SSEPs results.

There were a couple of other locations with differences in stream classes; however, they were at locations where the alignments departed and, in review of mapping and available photos, supported the different determinations. I had a call with SSEP and advised them on the same and to look into/coordinate items b-e above; also, this was my best (and final) effort to determine if discrepancies exist. I would advise both applicants to again compare results to avoid any questions or changes later in the process.

Thank you again for your coordination and consideration. If any questions, please do not hesitate to contact me.

Michael J. Mussomeli, PWS
Environmental Specialist II
Office of Wetlands and Streams Protection
Virginia Department of Environmental Quality
1111 East Main Street, Suite 1400
Richmond VA 23228
(804) 659-1986

Michael J. Mussomeli, PWS
Environmental Specialist II
Department of Environmental Quality | Central Office
1111 East Main Street
Richmond, VA 23219
(804) 659-1986
michael.mussomeli@deq.virginia.gov
www.deq.virginia.gov

To learn about EQT's environmental, social and governance efforts visit: https://esg.eqt.com

Other Virginia State Agencies

TELEPHONE /PERSONAL CONVERSATION REPORT

PROJECT NAME:	MVP Southgate Pipeline Project
MVP TEAM CALLER:	Sam Weaver
CONVERSATION WITH:	VDOF
AGENCY:	Virginia Department of Forestry- Forest Management Program
EMAIL ADDRESS:	
PHONE NUMBER:	434-220-9138, then 434-731-8116
SUBJECT:	Information Request for Projects in HUC-12 watersheds associated with the MVP Southgate Projects
DATE AND TIME:	November 12, 2024 15:20

SUMMARY OF CONVERSATION:

SW: Hello, I am calling to request information on current or planned licensed Timbering operations within seven HUC-12 watersheds in Pittsylvania and Dansville Counties.

- Trotters Creek- Dan River -030101030903
- Lower Sandy River- 030101031003
- Sandy Creek- Dan River- 030101030907
- White Oak Creek – Banister River -030101050103
- Cherrystone Creek – 030101050104
- Shockoe Creek -Banister River- 030101050203
- Cascade Creek – 030101030902

I would be happy to send the watershed boundaries and Project information in an email if that would be useful. If there are any publicly available resources, I am happy to consult those as well if you can point me to them. We have a pretty quick turnaround on this, so any help is greatly appreciated!

BT: -

SW: Do you have an estimate of how long it would take to process that request?

Drew: The information is probably not available to the public. A FOIA request could make it happen. They have a mandatory notification law. There is no notification until three days before and after. There is no way to predict that.

What Dre could do is figure out the number of active logging jobs.

SW: Could you figure out acreage?

Drew: They call in an acreage when the notify. They could get a ballpark on acreage. Spreadsheet with all active projects in Pittsylvania County. Wouldn't be separated by watershed.

SW: Offers to send the watershed

Drew: Says he'll talk to a water quality specialist and figure out whether it's in the watershed. Guessing 150-200 jobs a year, slower the last couple of years. (email) Drew.arnn@dof.viginia.gov.

Outlook

MVP Southgate Amendment Project Joint Permit Application Submittal

From King, Christian M <cmking2@burnsmcd.com>
Date Fri 2025-04-11 5:46 PM
To JPA.permits@mrc.virginia.gov <JPA.permits@mrc.virginia.gov>
Cc Tessier, John <john.tessier@nee.com>; Sabol, James <james.sabol@eqt.com>; Klinefelter, Jeffrey <jeffrey.klinefelter@eqt.com>; Ferry, Lori M <lmferry@burnsmcd.com>; Heller Leib, Abigail (Abby) <ahellerleib@burnsmcd.com>

Hello,

We are submitting the Joint Permit Application for the proposed MVP Southgate Amendment Project. Please see the link below which contains the application narrative, attachments, tables, and figures.

_Final Submittal_MVP Southgate Amendment_JPA-April2025

Please let us know if you have any questions or require any additional information.

Thank you,

Christian King, PWS \ Burns & McDonnell
Staff Environmental Scientist \ Environmental Services
O 816-782-6028 \ **M** 317-416-6128
cmking2@burnsmcd.com \ burnsmcd.com
200 West Adams Street, Suite 2700 \ Chicago, IL 60606

Outlook

RE: JPA #2025-0752 Additional information request

From Chalmers, Cory <cory.chalmers@eqt.com>
Date Mon 2025-06-30 11:58 AM
To Claire.Gorman@mrc.virginia.gov <Claire.Gorman@mrc.virginia.gov>
Cc John Tessier <john.tessier@nee.com>; Neylon, Megan <megan.neylon@eqt.com>

Good afternoon—please find the following coordinates, as requested:

- **S-A008:** 36.8084180, -79.3630765
- **S-A020:** 36.7741471, -79.3992522
- **S-A063:** 36.6354959, -79.5401382

Please let me know if you have any additional questions,
Cory

Cory Chalmers
Permitting Specialist
Direct: 304.627.8173
Cory.Chalmers@eqt.com

From: Gorman, Claire (MRC) <Claire.Gorman@mrc.virginia.gov>
Sent: Monday, June 30, 2025 12:30 PM
To: Klinefelter, Jeffrey <jeffrey.klinefelter@eqt.com>
Cc: Jackson, Pippa (MRC) <Pippa.Jackson@mrc.virginia.gov>
Subject: [EXTERNAL] JPA #2025-0752 Additional information request

Good afternoon,

Following up on the above referenced Joint Permit Application. Could you please provide the coordinates for the three jurisdictional crossings below:

Table 2. Proposed VMRC Permit Stream Crossings with Drainage Areas Greater than Five Square Miles

Milepost	Impact ID	Stream	Drainage Area (square miles)	Pipeline Crossing Length (feet)	Linear Feet of Resource in Workspace	Proposed Crossing Method
2.0	S-A008	Cherrystone Creek	36.62	28	87	Conventional Bore
5.3	S-A020	Banister River	68.62	46	84	Conventional Bore
18.2	S-A063	Sandy River	102.60	84	50	HDD

If I've overlooked them in the application, please direct me to them.

Thank you in advance,
Claire

Claire Gorman
Environmental Engineer

Habitat Management Division
Virginia Marine Resources Commission
380 Fenwick Road
Fort Monroe, VA 23651
(757) 247-2285

FOCUS
Zero is Possible

To learn about EQT's environmental, social and governance efforts visit: https://esg.eqt.com

Outlook

FW: Request for Wellhead Protection Area Information – Pittsylvania County, VA

From Sochacki, Elizabeth M <emsochacki@burnsmcd.com>
Date Thu 2025-07-03 8:09 AM
To Heller Leib, Abigail (Abby) <ahellerleib@burnsmcd.com>

1 attachment (375 KB)
11176.pdf;

Elizabeth Sochacki \ Burns & McDonnell
Intern
M 708-770-3915
emsochacki@burnsmcd.com
200 W. Adams Street, Suite 2600 \ Chicago, IL 60606

From: Weiland, Kenneth (VDH) <Ray.Weiland@vdh.virginia.gov>
Sent: Wednesday, July 2, 2025 4:26 PM
To: Sochacki, Elizabeth M <emsochacki@burnsmcd.com>
Subject: Re: Request for Wellhead Protection Area Information – Pittsylvania County, VA

Hello Elizabeth,
I am attaching a table with all the waterworks in Pittsylvania County. It also includes several other counties. It looks like only the City of Danville has a source water protection plan in the county. Check the waterworks starting with an ID # starting with 5143, 5143 is the county of Pittsylvania and the "indicator" for source water protection plan will be either a Yes or a No. It looks like no public waterworks (wells) in the county have a well head or source water protection plan.
I hope this helps you.
Ray

K. Ray Weiland, PE
Engineering Field Director
Danville Field Office
VDH, Office of Drinking Water
211 Nor Dan Drive, Suite 1040
Danville, VA 24540
434-836-8416 office
434-549-8312 my desk

From: Sochacki, Elizabeth M <emsochacki@burnsmcd.com>
Sent: Wednesday, July 2, 2025 4:08 PM
To: Weiland, Kenneth (VDH) <ray.weiland@vdh.virginia.gov>
Cc: Heller Leib, Abigail (Abby) <ahellerleib@burnsmcd.com>
Subject: Request for Wellhead Protection Area Information – Pittsylvania County, VA

Dear Mr. Weiland,

I hope this message finds you well. My name is Elizabeth Sochacki, and I am working for Burns & McDonnell to conduct preliminary research in support of a development project in Pittsylvania County. We are seeking information regarding any mapped or designated wellhead protection areas within the county.

We have been unable to find information or a database specific to Virginia or Pittsylvania County. If available, could you please provide any information or resources that identify the locations or extents of wellhead protection areas? If this data is maintained by another office or entity, any guidance or referral would be greatly appreciated.

Thank you for your time and assistance.

Best regards,

Elizabeth Sochacki \ Burns & McDonnell

Environmental Services Intern

M 708-770-3915

emsochacki@burnsmcd.com

200 W. Adams Street, Suite 2600 \ Chicago, IL 60606

VIRGINIA DEPARTMENT OF HEALTH
Protecting You and Your Environment

Office of Drinking Water
Safe Drinking Water for a Healthy Virginia

PWS Indicators

Reg	Dist	PWSID	PWS Name	Type Code	Source Type	Indicator Type	Indicator Value	Start Date	End Date
05	11	VA5000000	SOURCE DEVELOPMENT W	NP	GW	SSWP - State Source Water P	NO	03/22/2010	
05	11	VA5007015	ABC PRESCHOOL OF ARB	NC	GW	SSWP - State Source Water P	NO		
05	11	VA5007070	AMELIA FAMILY CAMPGR	NC	GW	SSWP - State Source Water P	NO	06/20/2012	
05	11	VA5007135	AMELIA COURTHOUSE	C	GW	SSWP - State Source Water P	YES	10/04/2017	
05	11	VA5007150	EL METATE MEXICAN RE	NC	GW	SSWP - State Source Water P	NO	06/20/2012	
05	11	VA5007230	JOURNEY COMMUNITY CE	NC	GW	SSWP - State Source Water P	NO	06/20/2012	
05	11	VA5007239	DOLLAR GENERAL-AMELI	NC	GW	SSWP - State Source Water P	NO		
05	11	VA5007240	DOLLAR GENERAL-JETER	NC	GW	SSWP - State Source Water P	NO		
05	11	VA5007249	ELLIOTTS COUNTRY STO	NC	GW	SSWP - State Source Water P	NO		
05	11	VA5049150	CUMBERLAND COUNTY WA	C	GW	SSWP - State Source Water P	NO	06/20/2012	
05	11	VA5049400	LAKESIDE VILLAGE	C	GW	SSWP - State Source Water P	NO	06/30/2015	
05	11	VA5067020	ALTON PARK	C	GW	SSWP - State Source Water P	NO	06/20/2012	
05	11	VA5067028	BAY ROCK MARINA	NC	GW	SSWP - State Source Water P	NO	06/20/2012	
05	11	VA5067042	BURNT CHIMNEY WATER	C	GW	SSWP - State Source Water P	YES	09/09/2014	
05	11	VA5067043	BOONES MILL TOWN OF	C	GW	SSWP - State Source Water P	YES	10/04/2017	
05	11	VA5067064	CALLAWAY ELEMENTARY	NTNC	GW	SSWP - State Source Water P	NO	06/20/2012	
05	11	VA5067065	CARLS PLACE	NC	GW	SSWP - State Source Water P	NO	06/20/2012	
05	11	VA5067067	CAMP KILOWATT	NC	GW	SSWP - State Source Water P	NO		
05	11	VA5067070	CHEROKEE HILLS	C	GW	SSWP - State Source Water P	NO	06/20/2012	
05	11	VA5067077	COTTAGE EDGE	C	GW	SSWP - State Source Water P	NO	06/20/2012	
05	11	VA5067087	CRAZYHORSE CAMPGROUN	NC	GW	SSWP - State Source Water P	NO	06/20/2012	
05	11	VA5067100	NAPOLI COWBOY	NC	GW	SSWP - State Source Water P	NO	06/20/2012	
05	11	VA5067105	DUDLEY ELEMENTARY SC	NTNC	GW	SSWP - State Source Water P	NO	06/20/2012	

VDH VIRGINIA DEPARTMENT OF HEALTH
Protecting You and Your Environment

Office of Drinking Water
Safe Drinking Water for a Healthy Virginia

PWS Indicators

Reg	Dist	PWSID	PWS Name	Type Code	Source Type	Indicator Type	Indicator Value	Start Date	End Date
05	11	VA5067108	DOLLAR GENERAL-ROCKY	NC	GW	SSWP - State Source Water P	NO		
05	11	VA5067120	WVWA FERRUM WATER S	C	GW	SSWP - State Source Water P	NO	06/20/2012	
05	11	VA5067125	BLUE RIDGE CAMPGROUN	NC	GW	SSWP - State Source Water P	NO	06/20/2012	
05	11	VA5067129	FORK MOUNTAIN ADULT	C	GW	SSWP - State Source Water P	NO	06/20/2012	
05	11	VA5067137	FRANKLIN COUNTY COMM	NTNC	GW	SSWP - State Source Water P	NO	06/20/2012	
05	11	VA5067160	FREDERICK ACRES	C	GW	SSWP - State Source Water P	NO	06/20/2012	
05	11	VA5067238	FRANKLIN ACRES	C	GW	SSWP - State Source Water P	NO	06/20/2012	
05	11	VA5067241	FRANKLIN CO RECREATI	NC	GW	SSWP - State Source Water P	NO	06/20/2012	
05	11	VA5067244	WESTLAKE AREA PUBLIC	C	SWP	SSWP - State Source Water P	YES	06/30/2016	
05	11	VA5067254	THE MEADOWS	C	GW	SSWP - State Source Water P	NO	06/20/2012	
05	11	VA5067255	GLADE HILL ELEMENTAR	NTNC	GW	SSWP - State Source Water P	NO	06/20/2012	
05	11	VA5067256	GLADE HILL MINUTE MA	NC	GW	SSWP - State Source Water P	NO	06/20/2012	
05	11	VA5067341	IDLEWOOD SHORES	C	GW	SSWP - State Source Water P	NO	06/20/2012	
05	11	VA5067349	WESTLAKE WATERFRONT	NC	GW	SSWP - State Source Water P	NO	06/20/2012	
05	11	VA5067357	LARC FIELD RECREATIO	NC	GW	SSWP - State Source Water P	NO	06/20/2012	
05	11	VA5067360	LAKESHORE TERRACE CO	C	GW	SSWP - State Source Water P	NO	06/20/2012	
05	11	VA5067415	DILLARDS HILL	C	GW	SSWP - State Source Water P	NO	06/20/2012	
05	11	VA5067466	LYNVILLE ON THE LAKE	C	GW	SSWP - State Source Water P	NO	06/20/2012	
05	11	VA5067576	COUNTRY BARN	NC	GW	SSWP - State Source Water P	NO		
05	11	VA5067640	EL RIO MEXICAN GRILL	NC	GW	SSWP - State Source Water P	NO	03/22/2010	
05	11	VA5067701	PARROT COVE	NC	GW	SSWP - State Source Water P	NO		
05	11	VA5067725	PARK PLACE	C	GW	SSWP - State Source Water P	NO	06/20/2012	
05	11	VA5067754	PENHOOK MINUTE MARKE	NC	GW	SSWP - State Source Water P	NO	06/20/2012	
05	11	VA5067760	PELICAN POINT YACHT	NC	GW	SSWP - State Source Water P	NO	03/22/2010	

VDH VIRGINIA DEPARTMENT OF HEALTH
Protecting You and Your Environment

Office of Drinking Water
Safe Drinking Water for a Healthy Virginia

PWS Indicators

Reg	Dist	PWSID	PWS Name	Type Code	Source Type	Indicator Type	Indicator Value	Start Date	End Date
05	11	VA5067762	PHILPOTT RES - DEER	NC	GW	SSWP - State Source Water P	NO	06/20/2012	
05	11	VA5067763	PHILPOTT RES - DEER	NC	GW	SSWP - State Source Water P	NO	06/20/2012	
05	11	VA5067764	PHILPOTT RES - HORS	NC	GW	SSWP - State Source Water P	NO	06/20/2012	
05	11	VA5067769	PHILPOTT RES - JAMI	NC	GW	SSWP - State Source Water P	NO	06/20/2012	
05	11	VA5067772	PHILPOTT RES - SALTH	NC	GW	SSWP - State Source Water P	NO	06/20/2012	
05	11	VA5067773	PHILPOTT RES - SALTH	NC	GW	SSWP - State Source Water P	NO	06/20/2012	
05	11	VA5067774	PHILPOTT RES - SALT	NC	GW	SSWP - State Source Water P	NO	06/20/2012	
05	11	VA5067776	TWIN RIDGE PARK	NC	GW	SSWP - State Source Water P	NO	06/20/2012	
05	11	VA5067779	PHILPOTT RES- TAILRA	NC	GW	SSWP - State Source Water P	NO	06/20/2012	
05	11	VA5067781	REDWOOD EXPRESS MARK	NC	GW	SSWP - State Source Water P	NO	06/20/2012	
05	11	VA5067785	RIDGECREST SUBDIVISI	C	GW	SSWP - State Source Water P	NO	06/20/2012	
05	11	VA5067786	THE RETREAT	C	GW	SSWP - State Source Water P	NO	03/22/2010	
05	11	VA5067788	RIVERBAY	C	GW	SSWP - State Source Water P	NO	06/20/2012	
05	11	VA5067799	HONEY TREE EARLY LEA	NTNC	GW	SSWP - State Source Water P	NO	06/20/2012	
05	11	VA5067840	ROCKY MOUNT, TOWN OF	C	SW	SSWP - State Source Water P	NO	06/30/2015	
05	11	VA5067900	BROWN`S MOBILE HOME	C	GW	SSWP - State Source Water P	NO	06/20/2012	
05	11	VA5067925	SICHER, BRYAN DENTA	NC	GW	SSWP - State Source Water P	NO	06/20/2012	
05	11	VA5067935	OMNI SOURCE	NTNC	GW	SSWP - State Source Water P	NO	06/20/2012	
05	11	VA5067942	SNOW CREEK ELEMENTAR	NTNC	GW	SSWP - State Source Water P	NO	06/20/2012	
05	11	VA5067943	SUNSHINE VALLEY SCHO	NTNC	GW	SSWP - State Source Water P	NO	06/20/2012	
05	11	VA5067945	SONTAG ELEMENTARY SC	NTNC	GW	SSWP - State Source Water P	NO	06/20/2012	
05	11	VA5067951	TIMBERLAKE CROSSING	C	GW	SSWP - State Source Water P	NO	06/20/2012	
05	11	VA5067952	TEEL BROOKE ESTATES	C	GW	SSWP - State Source Water P	NO	06/20/2012	
05	11	VA5067954	WAID PARK	NC	GW	SSWP - State Source Water P	NO	06/20/2012	

VDH VIRGINIA DEPARTMENT OF HEALTH
Protecting You and Your Environment

Office of Drinking Water
Safe Drinking Water for a Healthy Virginia

PWS Indicators

Reg	Dist	PWSID	PWS Name	Type Code	Source Type	Indicator Type	Indicator Value	Start Date	End Date
05	11	VA5067957	WALNUT RUN	C	GW	SSWP - State Source Water P	YES	09/06/2013	
05	11	VA5067960	W. E. SKELTON 4-H ED	NC	GW	SSWP - State Source Water P	NO	06/20/2012	
05	11	VA5067961	THE WATERS EDGE	C	GW	SSWP - State Source Water P	YES	09/09/2014	
05	11	VA5067975	WILLOW CREEK COUNTRY	NC	GW	SSWP - State Source Water P	NO	06/20/2012	
05	11	VA5067980	WINDY GAP MOUNTAIN V	C	GW	SSWP - State Source Water P	NO	06/30/2016	
05	11	VA5067981	WHISTLE STOP	NC	GW	SSWP - State Source Water P	NO	06/20/2012	
05	11	VA5067982	WINDY GAP ELEMENTARY	NTNC	GW	SSWP - State Source Water P	NO	06/20/2012	
05	11	VA5067990	WOODCREST	C	GW	SSWP - State Source Water P	NO	06/20/2012	
05	11	VA5111430	LUNENBURG COUNTY SEA	NTNC	GW	SSWP - State Source Water P	NO	06/20/2012	
05	11	VA5111450	KENBRIDGE, TOWN OF	C	SW	SSWP - State Source Water P	NO	06/30/2015	
05	11	VA5111520	LUNENBURG HEALTH CEN	NC	GW	SSWP - State Source Water P	NO	06/20/2012	
05	11	VA5111800	VICTORIA, TOWN OF	C	SW	SSWP - State Source Water P	YES	10/04/2017	
05	11	VA5135100	BLACKSTONE, TOWN OF	C	SW	SSWP - State Source Water P	NO	06/30/2015	
05	11	VA5135110	BURKEVILLE, TOWN OF	C	GW	SSWP - State Source Water P	NO	06/30/2015	
05	11	VA5135160	CREWE, TOWN OF	C	SW	SSWP - State Source Water P	YES	06/30/2016	
05	11	VA5135260	HICKORY HILL	C	GW	SSWP - State Source Water P	NO	06/20/2012	
05	11	VA5135390	AMELIA-NOTTOWAY VOCA	NTNC	GW	SSWP - State Source Water P	NO	06/20/2012	
05	11	VA5680200	LYNCHBURG, CITY OF	C	SW	SSWP - State Source Water P	NO	06/20/2012	
05	12	VA5000000	SOURCE DEVELOPMENT W	NP	GW	SSWP - State Source Water P	NO	03/22/2010	
05	12	VA5025050	ALBERTA, TOWN OF	C	SWP	SSWP - State Source Water P	NO	06/30/2015	
05	12	VA5025100	TA EXPRESS WARFIELD	NTNC	GW	SSWP - State Source Water P	NO	06/20/2012	
05	12	VA5025120	BRODNAX, TOWN OF	C	SWP	SSWP - State Source Water P	NO	10/04/2017	
05	12	VA5025200	EM-TRAV	NC	GW	SSWP - State Source Water P	NO	06/20/2012	
05	12	VA5025215	LAKE GASTON RESORT	NC	GW	SSWP - State Source Water P	NO	06/20/2012	

VDH VIRGINIA DEPARTMENT OF HEALTH
Protecting You and Your Environment

Office of Drinking Water
Safe Drinking Water for a Healthy Virginia

PWS Indicators

Reg	Dist	PWSID	PWS Name	Type Code	Source Type	Indicator Type	Indicator Value	Start Date	End Date
05	12	VA5025319	I-85 REST AREA-NORTH	NC	GW	SSWP - State Source Water P	NO	06/20/2012	
05	12	VA5025320	I-85 REST AREA-SOUTH	NC	GW	SSWP - State Source Water P	NO	06/20/2012	
05	12	VA5025365	KENNON HOUSE RESTAUR	NC	GW	SSWP - State Source Water P	NO	06/20/2012	
05	12	VA5025450	LAWRENCEVILLE, TOWN	C	SW	SSWP - State Source Water P	NO	06/30/2015	
05	12	VA5025480	LANE VIEW SUBDIVISIO	C	GW	SSWP - State Source Water P	NO	06/20/2012	
05	12	VA5025485	MEHERRIN POWELLTON E	NTNC	GW	SSWP - State Source Water P	NO	06/20/2012	
05	12	VA5025500	BRUNSWICK ESTATES	C	GW	SSWP - State Source Water P	NO	06/20/2012	
05	12	VA5025550	NOTTOWAY ACRES SUBDI	C	GW	SSWP - State Source Water P	NO	06/20/2012	
05	12	VA5025570	PLEASANT GROVE SUBDI	C	GW	SSWP - State Source Water P	NO	06/20/2012	
05	12	VA5025580	RED OAK ELEMENTARY S	NTNC	GW	SSWP - State Source Water P	NO	06/20/2012	
05	12	VA5025625	SIOUAN SHORES	C	GW	SSWP - State Source Water P	NO	06/20/2012	
05	12	VA5025645	BCPS CENTRAL SERVICE	NTNC	GW	SSWP - State Source Water P	NO	06/20/2012	
05	12	VA5025650	SUNNYBROOK SUBDIVISI	C	GW	SSWP - State Source Water P	NO	06/20/2012	
05	12	VA5025680	LAKE GASTON GOLF CLU	NC	GW	SSWP - State Source Water P	NO	03/22/2010	
05	12	VA5083040	OLD 360 DINER	NC	GW	SSWP - State Source Water P	NO	06/20/2012	
05	12	VA5083270	SOUTHSTONE BEHAVIORA	NTNC	GW	SSWP - State Source Water P	NO	06/20/2012	
05	12	VA5083370	CLAYS MILL ELEMENTAR	NTNC	GW	SSWP - State Source Water P	NO	06/20/2012	
05	12	VA5083400	CLUSTER SPRINGS ELEM	NTNC	GW	SSWP - State Source Water P	NO	06/20/2012	
05	12	VA5083425	DOLLAR GENERAL-VOLEN	NC	GW	SSWP - State Source Water P	NO		
05	12	VA5083426	DOLLAR GENERAL-CLUST	NC	GW	SSWP - State Source Water P	NO		
05	12	VA5083480	CLOVER, COMMUNITY OF	C	GW	SSWP - State Source Water P	YES	06/30/2016	
05	12	VA5083534	STAUNTON RIVER BATTL	NC	GW	SSWP - State Source Water P	NO	06/20/2012	
05	12	VA5083546	GRAND SPRINGS DISTRI	NTNC	GW	SSWP - State Source Water P	NO		
05	12	VA5083565	CLUSTER SPRINGS RV P	NC	GW	SSWP - State Source Water P	NO	03/22/2010	

VDH VIRGINIA DEPARTMENT OF HEALTH
Protecting You and Your Environment

Office of Drinking Water
Safe Drinking Water for a Healthy Virginia

PWS Indicators

Reg	Dist	PWSID	PWS Name	Type Code	Source Type	Indicator Type	Indicator Value	Start Date	End Date
05	12	VA5083567	INDIAN CAVE YOUTH CA	NC	GW	SSWP - State Source Water P	NO	06/20/2012	
05	12	VA5083578	HUBER PLANT	NTNC	GW	SSWP - State Source Water P	NO	06/20/2012	
05	12	VA5083620	MEADVILLE ELEMENTARY	NTNC	GW	SSWP - State Source Water P	NO	06/20/2012	
05	12	VA5083628	ODEC / VIRGINIA POWE	NTNC	GW	SSWP - State Source Water P	NO	06/20/2012	
05	12	VA5083651	REESE FARMS, INC.	NC	GW	SSWP - State Source Water P	NO		
05	12	VA5083690	SCOTTSBURG , TOWN OF	C	GW	SSWP - State Source Water P	NO	06/20/2012	
05	12	VA5083693	SINAI ELEMENTARY SCH	NTNC	GW	SSWP - State Source Water P	NO	06/20/2012	
05	12	VA5083760	SYDNOR JENNINGS ELEM	NTNC	GW	SSWP - State Source Water P	NO	06/20/2012	
05	12	VA5083810	VIRGINIA INTERNATION	C	GW	SSWP - State Source Water P	YES	06/30/2016	
05	12	VA5083940	VIRGILINA, TOWN OF	C	GW	SSWP - State Source Water P	YES	10/04/2017	
05	12	VA5083965	VOLENS MEDICAL CENTE	NC	GW	SSWP - State Source Water P	NO	06/20/2012	
05	12	VA5083980	WALKER PROPERTY	NC	GW	SSWP - State Source Water P	NO	03/22/2010	
05	12	VA5089075	BASSETT MIRROR CO.-P	NTNC	GW	SSWP - State Source Water P	NO	06/20/2012	
05	12	VA5089085	BEAVER CREEK GOLF	NC	GW	SSWP - State Source Water P	NO	06/20/2012	
05	12	VA5089095	BLUE RIDGE AIRPORT	NC	GW	SSWP - State Source Water P	NO	06/20/2012	
05	12	VA5089115	TWIN OAKS MOBILE HOM	C	GW	SSWP - State Source Water P	NO	06/20/2012	
05	12	VA5089259	DOLLAR GENERAL-AXTON	NC	GW	SSWP - State Source Water P	NO		
05	12	VA5089345	FISHER FARM PARK	NC	GW	SSWP - State Source Water P	NO		
05	12	VA5089404	HARRIS TRAILER COURT	C	GW	SSWP - State Source Water P	NO	06/20/2012	
05	12	VA5089475	LEATHERWOOD ESTATES	C	GW	SSWP - State Source Water P	NO	06/30/2016	
05	12	VA5089571	MOUNTAIN VISTA VILLA	C	GW	SSWP - State Source Water P	NO	06/20/2012	
05	12	VA5089612	RANGELEY MINI MART &	NC	GW	SSWP - State Source Water P	NO	06/20/2012	
05	12	VA5089626	PHILPOTT RES - BOWE	NC	GW	SSWP - State Source Water P	NO	06/20/2012	
05	12	VA5089700	RIDGEWAY TRAILER PAR	C	GW	SSWP - State Source Water P	NO	06/20/2012	

VDH VIRGINIA DEPARTMENT OF HEALTH
Protecting You and Your Environment

Office of Drinking Water
Safe Drinking Water for a Healthy Virginia

PWS Indicators

Reg	Dist	PWSID	PWS Name	Type Code	Source Type	Indicator Type	Indicator Value	Start Date	End Date
05	12	VA5089712	ROCKHILL SUBDIVISION	C	GW	SSWP - State Source Water P	NO	06/30/2016	
05	12	VA5089714	MEE MAW'S COUNTRY KI	NC	GW	SSWP - State Source Water P	NO	03/22/2010	
05	12	VA5089770	FAIRFIELD MOBILE HOM	C	GW	SSWP - State Source Water P	NO	06/20/2012	
05	12	VA5089800	SPENCER PENN CENTRE	NC	GW	SSWP - State Source Water P	NO	03/22/2010	
05	12	VA5089852	UPPER SMITH RIVER WA	C	SW	SSWP - State Source Water P	NO	06/30/2016	
05	12	VA5089870	VIRGINIA GLASS LLC	NTNC	GW	SSWP - State Source Water P	NO	06/20/2012	
05	12	VA5089955	WOODLAND AVENUE EXT	C	SWP	SSWP - State Source Water P	NO	06/20/2012	
05	12	VA5780600	HCSA- LEIGH STREET P	C	SW	SSWP - State Source Water P	YES	10/04/2017	
05	13	VA5000000	SOURCE DEVELOPMENT W	NP	GW	SSWP - State Source Water P	NO	03/22/2010	
05	13	VA5011045	APPOMATTOX COUNTY CO	NC	GW	SSWP - State Source Water P	NO	06/20/2012	
05	13	VA5011050	APPOMATTOX WATER SYS	C	SWP	SSWP - State Source Water P	NO	06/20/2012	
05	13	VA5011058	BALANCE WAREHOUSE LL	NC	GW	SSWP - State Source Water P	NO		
05	13	VA5011104	CORNERSTONE CHRISTIA	NTNC	GW	SSWP - State Source Water P	NO	06/20/2012	
05	13	VA5011120	FALLING RIVER COUNTR	NC	GW	SSWP - State Source Water P	NO	06/20/2012	
05	13	VA5011200	HOLLIDAY LAKE STATE	NC	GW	SSWP - State Source Water P	NO	06/20/2012	
05	13	VA5011201	HOLIDAY LAKE 4-H EDU	NC	GW	SSWP - State Source Water P	NO	06/20/2012	
05	13	VA5011400	PAMPLIN CITY, TOWN O	C	GW	SSWP - State Source Water P	NO	10/04/2017	
05	13	VA5011410	MOOSE LODGE 975	NC	GW	SSWP - State Source Water P	NO	06/20/2012	
05	13	VA5011454	PARADISE LAKE, SECTI	NC	GW	SSWP - State Source Water P	NO	06/20/2012	
05	13	VA5011455	PARADISE LAKE, SECTI	NC	GW	SSWP - State Source Water P	NO	06/20/2012	
05	13	VA5031046	EZ MINI MART	NC	GW	SSWP - State Source Water P	NO	06/20/2012	
05	13	VA5031050	ALTAVISTA, TOWN OF	C	SW	SSWP - State Source Water P	NO	10/04/2017	
05	13	VA5031150	CAMPBELL COUNTY CENT	C	SW	SSWP - State Source Water P	NO	06/20/2012	
05	13	VA5031170	CAMPBELL COUNTY EAST	C	SWP	SSWP - State Source Water P	NO	06/20/2012	

VIRGINIA DEPARTMENT OF HEALTH
Protecting You and Your Environment

Office of Drinking Water
Safe Drinking Water for a Healthy Virginia

PWS Indicators

Reg	Dist	PWSID	PWS Name	Type Code	Source Type	Indicator Type	Indicator Value	Start Date	End Date
05	13	VA5031175	BROOKNEAL, TOWN OF	C	SW	SSWP - State Source Water P	NO	06/20/2012	
05	13	VA5031275	RUSTBURG CORRECTIONA	C	GW	SSWP - State Source Water P	NO	06/20/2012	
05	13	VA5031305	EASTBROOK MOBILE HOM	C	GW	SSWP - State Source Water P	NO	06/20/2012	
05	13	VA5031312	ELPIS CENTER	NTNC	GW	SSWP - State Source Water P	NO	07/22/2016	
05	13	VA5031455	SPRING HOUSE RESTAUR	NC	GW	SSWP - State Source Water P	NO	06/20/2012	
05	13	VA5031490	GOLDY`S TRUCK PLAZA	NC	GW	SSWP - State Source Water P	NO	06/20/2012	
05	13	VA5031500	KNOLL WOODS/IVY ACRE	C	GW	SSWP - State Source Water P	NO	06/20/2012	
05	13	VA5031530	LAKESIDE MOBILE HOME	C	GW	SSWP - State Source Water P	NO	06/20/2012	
05	13	VA5031575	LOCUST GARDENS MHP	C	GW	SSWP - State Source Water P	NO	06/20/2012	
05	13	VA5031685	MOORES COUNTRY STORE	NC	GW	SSWP - State Source Water P	NO	06/20/2012	
05	13	VA5031690	MOUNTAIN REST ESTATE	C	GW	SSWP - State Source Water P	NO	06/20/2012	
05	13	VA5031693	NARUNA WATER SYSTEM	NTNC	GW	SSWP - State Source Water P	NO	06/20/2012	
05	13	VA5031825	JONES ESTATES LYNCHB	C	GW	SSWP - State Source Water P	NO	06/20/2012	
05	13	VA5031848	THOUSAND TRAILS	NC	GW	SSWP - State Source Water P	NO	06/20/2012	
05	13	VA5031898	QUIK-E NO.15	NC	GW	SSWP - State Source Water P	NO	06/20/2012	
05	13	VA5031955	WILLIAM CAMPBELL HIG	NTNC	GW	SSWP - State Source Water P	NO	06/20/2012	
05	13	VA5031980	501 TRAILER COURT	C	GW	SSWP - State Source Water P	NO	06/20/2012	
05	13	VA5117096	ANCHOR COVE SUBDIVIS	C	GW	SSWP - State Source Water P	NO	06/20/2012	
05	13	VA5117097	LAKE GASTON AMERICAM	NTNC	GW	SSWP - State Source Water P	NO	06/20/2012	
05	13	VA5117100	BOYDTON, TOWN OF	C	SWP	SSWP - State Source Water P	NO	10/04/2017	
05	13	VA5117107	MECKLENBURG INTERIM	NTNC	GW	SSWP - State Source Water P	NO	06/20/2012	
05	13	VA5117117	MECKLENBURG CO. SCHO	NTNC	GW	SSWP - State Source Water P	NO	06/20/2012	
05	13	VA5117125	BUCKHEAD SUBDIVISION	C	GW	SSWP - State Source Water P	NO	06/20/2012	
05	13	VA5117200	CHASE CITY,TOWN OF	C	SWP	SSWP - State Source Water P	NO	10/04/2017	

VDH VIRGINIA DEPARTMENT OF HEALTH
Protecting You and Your Environment

Office of Drinking Water
Safe Drinking Water for a Healthy Virginia

PWS Indicators

Reg	Dist	PWSID	PWS Name	Type Code	Source Type	Indicator Type	Indicator Value	Start Date	End Date
05	13	VA5117205	DOLLAR GENERAL-CLARK	NC	GW	SSWP - State Source Water P	NO		
05	13	VA5117310	CLARKSVILLE, TOWN OF	C	SW	SSWP - State Source Water P	YES	10/04/2017	
05	13	VA5117315	CLIFFS ON THE ROANOK	C	GW	SSWP - State Source Water P	NO	06/20/2012	
05	13	VA5117350	FOX RUN/CHAMPION FOR	C	GW	SSWP - State Source Water P	NO	06/20/2012	
05	13	VA5117360	GRANITE HALL SHORES	C	SWP	SSWP - State Source Water P	NO	10/08/2018	
05	13	VA5117371	GREAT CREEK LANDING	C	GW	SSWP - State Source Water P	NO	06/20/2012	
05	13	VA5117375	HAWK`S NEST POINT	C	GW	SSWP - State Source Water P	NO	06/20/2012	
05	13	VA5117378	HICKS HILL SUBDIVISI	C	GW	SSWP - State Source Water P	NO	06/20/2012	
05	13	VA5117390	JOYCEVILLE-HOLLY GRO	C	GW	SSWP - State Source Water P	NO	06/20/2012	
05	13	VA5117400	LA CROSSE, TOWN OF	C	SWP	SSWP - State Source Water P	NO	10/04/2017	
05	13	VA5117419	LONG BRANCH SHORES	C	GW	SSWP - State Source Water P	NO	06/20/2012	
05	13	VA5117420	LONGVIEW TRAILER PAR	C	GW	SSWP - State Source Water P	NO	06/20/2012	
05	13	VA5117450	MERRYMOUNT SUBDIVISI	C	GW	SSWP - State Source Water P	NO	06/20/2012	
05	13	VA5117530	BUFFALO CREEK ESTATE	C	GW	SSWP - State Source Water P	NO	06/20/2012	
05	13	VA5117660	PEETE RIVER FARM	C	SWP	SSWP - State Source Water P	NO	10/08/2018	
05	13	VA5117700	RIVER RIDGE	C	SWP	SSWP - State Source Water P	NO	10/04/2017	
05	13	VA5117707	ROANOKE RIVER SERVIC	C	SW	SSWP - State Source Water P	NO	10/04/2017	
05	13	VA5117800	SOUTH HILL, TOWN OF	C	SWP	SSWP - State Source Water P	NO	10/04/2017	
05	13	VA5117831	ST. TAMMANY LANDING	C	GW	SSWP - State Source Water P	NO	06/20/2012	
05	13	VA5117833	TANGLEWOOD SECTION U	C	GW	SSWP - State Source Water P	NO	06/20/2012	
05	13	VA5117834	TANGLEWOOD SECTION A	C	GW	SSWP - State Source Water P	NO	09/06/2013	
05	13	VA5117846	TIMBUCTU SUBDIVISION	C	GW	SSWP - State Source Water P	NO	06/20/2012	
05	13	VA5117938	KERR RESERVOIR-BUFFA	NC	GW	SSWP - State Source Water P	NO	06/20/2012	
05	13	VA5117939	KERR RESERVOIR-BUFFA	NC	GW	SSWP - State Source Water P	NO	06/20/2012	

VIRGINIA DEPARTMENT OF HEALTH
Protecting You and Your Environment

Office of Drinking Water
Safe Drinking Water for a Healthy Virginia

PWS Indicators

Reg	Dist	PWSID	PWS Name	Type Code	Source Type	Indicator Type	Indicator Value	Start Date	End Date
05	13	VA5117947	KERR RESERVOIR-LONGW	NC	GW	SSWP - State Source Water P	NO	06/20/2012	
05	13	VA5117950	KERR RESERVOIR-NORTH	NTNC	GW	SSWP - State Source Water P	NO	06/20/2012	
05	13	VA5117955	KERR RESERVOIR-RUDDS	NC	GW	SSWP - State Source Water P	NO	06/20/2012	
05	13	VA5117957	KERR RESERVOIR-RUDDS	NC	GW	SSWP - State Source Water P	NO	06/20/2012	
05	13	VA5117961	KERR RESERVOIR-RUDDS	NC	GW	SSWP - State Source Water P	NO	06/20/2012	
05	13	VA5143018	ARROWHEAD CAMPGROUND	NC	GW	SSWP - State Source Water P	NO	06/20/2012	
05	13	VA5143019	ARROWHEAD CAMPGROUND	NC	GW	SSWP - State Source Water P	NO	06/20/2012	
05	13	VA5143027	BB'S PLACE	NC	GW	SSWP - State Source Water P	NO	06/20/2012	
05	13	VA5143034	B&B MARKET NO.TWO	NC	GW	SSWP - State Source Water P	NO	05/22/2018	
05	13	VA5143090	CEDARS COUNTRY CLUB	NC	GW	SSWP - State Source Water P	NO	06/20/2012	
05	13	VA5143114	CHATHAM, TOWN OF	C	SW	SSWP - State Source Water P	NO	06/20/2012	
05	13	VA5143150	CRESTVIEW TRAILER CO	C	GW	SSWP - State Source Water P	NO	06/20/2012	
05	13	VA5143161	DAN RIVER HIGH SCHOO	NTNC	GW	SSWP - State Source Water P	NO	06/20/2012	
05	13	VA5143176	ELKHORN LAKE CAMPGRO	NC	GW	SSWP - State Source Water P	NO	06/20/2012	
05	13	VA5143178	ELKHORN LAKE BATHHOU	NC	GW	SSWP - State Source Water P	NO	03/22/2010	
05	13	VA5143179	ELKHORN LAKE CAMPGRO	NC	GW	SSWP - State Source Water P	NO	06/20/2012	
05	13	VA5143181	GAUTIER PROPERTY	NC	GW	SSWP - State Source Water P	NO	03/22/2010	
05	13	VA5143192	DAN RIVER MIDDLE SCH	NTNC	GW	SSWP - State Source Water P	NO	06/20/2012	
05	13	VA5143198	DOLLAR GENERAL-MILTO	NC	GW	SSWP - State Source Water P	NO	03/27/2020	
05	13	VA5143210	GRETNA, TOWN OF	C	SW	SSWP - State Source Water P	NO	10/04/2017	
05	13	VA5143214	GRIT ROAD WATER SUPP	C	SWP	SSWP - State Source Water P	NO	10/04/2017	
05	13	VA5143216	BAMBINO'S PIZZA	NC	GW	SSWP - State Source Water P	NO	03/22/2010	

VDH VIRGINIA DEPARTMENT OF HEALTH
Protecting You and Your Environment

Office of Drinking Water
Safe Drinking Water for a Healthy Virginia

PWS Indicators

Reg	Dist	PWSID	PWS Name	Type Code	Source Type	Indicator Type	Indicator Value	Start Date	End Date
05	13	VA5143246	HURT, TOWN OF	C	SWP	SSWP - State Source Water P	NO	10/04/2017	
05	13	VA5143261	JIPS DINER	NC	GW	SSWP - State Source Water P	NO	06/20/2012	
05	13	VA5143300	KENTUCK ELEMENTARY S	NTNC	GW	SSWP - State Source Water P	NO	06/20/2012	
05	13	VA5143310	KID-KONNECTION CHILD	NTNC	GW	SSWP - State Source Water P	NO	06/20/2012	
05	13	VA5143322	PARADISE LAKE AND CA	NC	GW	SSWP - State Source Water P	NO	06/20/2012	
05	13	VA5143332	LITTLE BLESSINGS CHI	NTNC	GW	SSWP - State Source Water P	NO	06/20/2012	
05	13	VA5143335	LUMPKINS MARINA	NC	GW	SSWP - State Source Water P	NO	06/20/2012	
05	13	VA5143365	CASCADE MOBILE ESTAT	C	GW	SSWP - State Source Water P	NO	06/20/2012	
05	13	VA5143393	MOUNT AIRY ELEMENTAR	NTNC	GW	SSWP - State Source Water P	NO	06/20/2012	
05	13	VA5143394	MOUNT CROSS ROAD	C	SWP	SSWP - State Source Water P	NO	06/20/2012	
05	13	VA5143396	MOUNT HERMON	C	SWP	SSWP - State Source Water P	NO	06/20/2012	
05	13	VA5143473	OLD RICHMOND ROAD	C	SWP	SSWP - State Source Water P	NO	09/09/2014	
05	13	VA5143585	PITTSYLVANIA CHRISTI	NC	GW	SSWP - State Source Water P	NO	06/20/2012	
05	13	VA5143640	A-1 MOBILE HOME PARK	C	GW	SSWP - State Source Water P	NO	06/20/2012	
05	13	VA5143655	LEESVILLE LAKE MARIN	NC	GW	SSWP - State Source Water P	NO	03/22/2010	
05	13	VA5143687	RINGGOLD INDUSTRIAL	C	SWP	SSWP - State Source Water P	NO	06/20/2012	
05	13	VA5143690	ROBIN COURT SUBDIVIS	C	GW	SSWP - State Source Water P	NO	06/20/2012	
05	13	VA5143700	ROUTE 58 WEST	C	SWP	SSWP - State Source Water P	NO	06/20/2012	
05	13	VA5143750	DOCK ON SML	NC	GW	SSWP - State Source Water P	NO	06/20/2012	
05	13	VA5143753	SMITH MT DAM VISITOR	NC	GW	SSWP - State Source Water P	NO	06/20/2012	
05	13	VA5143755	SMITH MOUNTAIN CAMPG	NC	GW	SSWP - State Source Water P	NO	06/20/2012	
05	13	VA5143790	STONY MILL ELEMENTAR	NTNC	GW	SSWP - State Source Water P	NO	06/20/2012	
05	13	VA5143809	TIGHTSQUEEZE WATER S	C	SWP	SSWP - State Source Water P	NO	06/20/2012	
05	13	VA5143813	TAMMY'S DINER	NC	GW	SSWP - State Source Water P	NO	06/20/2012	

VDH VIRGINIA DEPARTMENT OF HEALTH
Protecting You and Your Environment

Office of Drinking Water
Safe Drinking Water for a Healthy Virginia

PWS Indicators

Reg	Dist	PWSID	PWS Name	Type Code	Source Type	Indicator Type	Indicator Value	Start Date	End Date
05	13	VA5143820	TUNSTALL HIGH SCHOOL	NTNC	GW	SSWP - State Source Water P	NO	06/20/2012	
05	13	VA5143821	TUNSTALL MIDDLE SCHO	NTNC	GW	SSWP - State Source Water P	NO	06/20/2012	
05	13	VA5143840	UNION HALL ELEMENTAR	NTNC	GW	SSWP - State Source Water P	NO	06/20/2012	
05	13	VA5143861	VISTA POINTE LANDING	C	GW	SSWP - State Source Water P	NO	06/20/2012	
05	13	VA5143880	WAYSIDE ACRES SUBDIV	C	GW	SSWP - State Source Water P	NO	06/20/2012	
05	13	VA5143881	WAYSIDE ACRES SUBDIV	C	GW	SSWP - State Source Water P	NO	06/20/2012	
05	13	VA5143940	WOODROAM SUBDIVISION	C	GW	SSWP - State Source Water P	NO	06/20/2012	
05	13	VA5143988	RT 29 NORTH	C	SWP	SSWP - State Source Water P	NO	06/20/2012	
05	13	VA5590100	DANVILLE, CITY OF	C	SW	SSWP - State Source Water P	YES	10/04/2017	
05	14	VA5000000	SOURCE DEVELOPMENT W	NP	GW	SSWP - State Source Water P	NO	03/22/2010	
05	14	VA5019012	APPLE MARKET #511	NC	GW	SSWP - State Source Water P	NO		
05	14	VA5019035	VIRGINIA DARE CRUISE	NC	GW	SSWP - State Source Water P	YES	12/13/2002	
05	14	VA5019052	BEDFORD REGIONAL WAT	C	SW	SSWP - State Source Water P	NO	10/04/2017	
05	14	VA5019071	BIG ISLAND ELEMENTAR	NTNC	GW	SSWP - State Source Water P	NO	06/20/2012	
05	14	VA5019147	WHITE HOUSE CORNER C	NC	GW	SSWP - State Source Water P	NO	06/20/2012	
05	14	VA5019158	CRYSTAL SHORES MARIN	NC	GW	SSWP - State Source Water P	NO		
05	14	VA5019189	DOLLAR GENERAL-BODY	NC	GW	SSWP - State Source Water P	NO		
05	14	VA5019250	EAGLE EYRIE BAPTIST	NTNC	SW	SSWP - State Source Water P	NO	06/20/2012	
05	14	VA5019340	GP BIG ISLAND	NTNC	GW	SSWP - State Source Water P	NO	06/20/2012	
05	14	VA5019360	HARBOR RIDGE HOMEOWN	C	GW	SSWP - State Source Water P	NO	06/20/2012	
05	14	VA5019365	H&H RESTAURANT	NC	GW	SSWP - State Source Water P	NO	03/22/2010	
05	14	VA5019370	STALLION RUN ESTATES	C	GW	SSWP - State Source Water P	NO	06/20/2012	
05	14	VA5019379	HARDY ROAD TRAILER P	C	GW	SSWP - State Source Water P	NO	06/20/2012	

VDH VIRGINIA DEPARTMENT OF HEALTH
Protecting You and Your Environment

Office of Drinking Water
Safe Drinking Water for a Healthy Virginia

PWS Indicators

Reg	Dist	PWSID	PWS Name	Type Code	Source Type	Indicator Type	Indicator Value	Start Date	End Date
05	14	VA5019400	SMITH MOUNTAIN LAKE	C	SW	SSWP - State Source Water P	NO	10/04/2017	
05	14	VA5019430	HILLCREST MOBILE HOM	C	GW	SSWP - State Source Water P	NO	06/20/2012	
05	14	VA5019465	HUDDLESTON ELEMENTAR	NTNC	GW	SSWP - State Source Water P	NO	06/20/2012	
05	14	VA5019468	GLENWOOD PLAZA	NC	GW	SSWP - State Source Water P	NO	03/22/2010	
05	14	VA5019485	CHAMBLISSBURG MHC	C	GW	SSWP - State Source Water P	NO	03/22/2010	
05	14	VA5019605	NININGER WATERWORKS	C	GW	SSWP - State Source Water P	NO	09/09/2014	
05	14	VA5019612	LAKE HAVEN MARINA	NC	GW	SSWP - State Source Water P	NO	06/20/2012	
05	14	VA5019624	WHITE HOUSE CORNER S	NC	GW	SSWP - State Source Water P	NO	06/20/2012	
05	14	VA5019628	HUDDLESTON MARKET	NC	GW	SSWP - State Source Water P	NO	03/22/2010	
05	14	VA5019645	MITCHELL`S POINT MAR	NC	GW	SSWP - State Source Water P	NO	06/20/2012	
05	14	VA5019670	MINERAL SPRINGS CHRI	NTNC	GW	SSWP - State Source Water P	NO	06/20/2012	
05	14	VA5019675	MONTVALE WATER, INC.	C	GW	SSWP - State Source Water P	YES	06/30/2016	
05	14	VA5019682	BEDFORD MOOSE LODGE	NC	GW	SSWP - State Source Water P	NO	06/20/2012	
05	14	VA5019685	MOUNTAIN VIEW SHORES	C	GW	SSWP - State Source Water P	NO	10/04/2017	
05	14	VA5019710	OTTER RIVER ELEMENTA	NTNC	GW	SSWP - State Source Water P	NO	06/20/2012	
05	14	VA5019735	PARADISE POINT ESTAT	C	GW	SSWP - State Source Water P	NO	06/20/2012	
05	14	VA5019739	DALE'S DINER	NC	GW	SSWP - State Source Water P	NO	06/20/2012	
05	14	VA5019751	PARKWAY MARINA	NC	GW	SSWP - State Source Water P	NO		
05	14	VA5019767	RIDGEVIEW VILLAGE	C	GW	SSWP - State Source Water P	NO	06/20/2012	
05	14	VA5019782	SML STATE PARK, DISC	NC	GW	SSWP - State Source Water P	NO	06/20/2012	
05	14	VA5019783	SMITH MT LAKE STATE	NC	GW	SSWP - State Source Water P	NO	06/20/2012	
05	14	VA5019784	SMITH MT LAKE STATE	NC	GW	SSWP - State Source Water P	NO	06/20/2012	
05	14	VA5019788	SMITH MT LAKE MOOSE	NC	GW	SSWP - State Source Water P	NO	06/20/2012	
05	14	VA5019789	STAUNTON RIVER HIGH	NTNC	GW	SSWP - State Source Water P	NO	06/20/2012	

VIRGINIA DEPARTMENT OF HEALTH
Protecting You and Your Environment

Office of Drinking Water
Safe Drinking Water for a Healthy Virginia

PWS Indicators

Reg	Dist	PWSID	PWS Name	Type Code	Source Type	Indicator Type	Indicator Value	Start Date	End Date
05	14	VA5019795	STEWARTSVILLE CONSEC	C	SWP	SSWP - State Source Water P	NO	06/20/2012	
05	14	VA5019800	TIMBER RIDGE SUBDIVI	C	GW	SSWP - State Source Water P	NO	06/20/2012	
05	14	VA5019802	SWEETWATER RV PARK	NC	GW	SSWP - State Source Water P	NO		
05	14	VA5019809	TUCK AWAY CAMPGROUND	NC	GW	SSWP - State Source Water P	NO	06/20/2012	
05	14	VA5019811	TRO-THOMAS ROAD OUTP	NC	GW	SSWP - State Source Water P	NO		
05	14	VA5019865	TWIN OAKS MOBILE HOM	C	GW	SSWP - State Source Water P	NO	06/20/2012	
05	14	VA5019875	VALLEY MILLS CROSSIN	C	GW	SSWP - State Source Water P	NO	10/04/2017	
05	14	VA5019878	VIRGINIA RIDGE	C	GW	SSWP - State Source Water P	YES	06/20/2012	
05	14	VA5019885	MILL IRON GRILL	NC	GW	SSWP - State Source Water P	NO	03/22/2010	
05	14	VA5019895	WATERFRONT PARK	NC	GW	SSWP - State Source Water P	NO	06/20/2012	
05	14	VA5019924	WOODHAVEN NURSING HO	C	GW	SSWP - State Source Water P	NO	06/20/2012	
05	14	VA5029070	BEAR GARDEN GENERATI	NTNC	GW	SSWP - State Source Water P	NO	06/20/2012	
05	14	VA5029085	BUCKINGHAM CO WATER	C	SW	SSWP - State Source Water P	YES	10/15/2018	
05	14	VA5029115	CALVARY CHRISTIAN SC	NTNC	GW	SSWP - State Source Water P	NO	06/20/2012	
05	14	VA5029120	CENTRAL VIRGINIA COM	NTNC	GW	SSWP - State Source Water P	NO	06/20/2012	
05	14	VA5029200	GOLD HILL VILLAGE	C	GW	SSWP - State Source Water P	NO	06/20/2012	
05	14	VA5029225	THE BRIDGE MINISTRY	NC	GW	SSWP - State Source Water P	NO	06/20/2012	
05	14	VA5029280	JAMES RIVER STATE PA	NC	GW	SSWP - State Source Water P	NO	06/20/2012	
05	14	VA5029291	KYANITE MINE-EAST RI	NTNC	GW	SSWP - State Source Water P	NO	06/20/2012	
05	14	VA5029335	NAZARENE CAMP	NC	GW	SSWP - State Source Water P	NO	06/20/2012	
05	14	VA5029425	YOGAVILLE WATERWORKS	NC	GW	SSWP - State Source Water P	NO	03/22/2010	
05	14	VA5029770	SAINT THOMAS AQUINAS	C	GW	SSWP - State Source Water P	NO		

VDH VIRGINIA DEPARTMENT OF HEALTH
Protecting You and Your Environment

Office of Drinking Water
Safe Drinking Water for a Healthy Virginia

PWS Indicators

Reg	Dist	PWSID	PWS Name	Type Code	Source Type	Indicator Type	Indicator Value	Start Date	End Date
05	14	VA5037020	BACON DISTRICT SCHOO	NTNC	GW	SSWP - State Source Water P	NO	06/20/2012	
05	14	VA5037100	CARDINAL HOMES INC	NTNC	GW	SSWP - State Source Water P	NO	06/20/2012	
05	14	VA5037140	EUREKA ELEMENTARY SC	NTNC	GW	SSWP - State Source Water P	NO	06/20/2012	
05	14	VA5037150	CHARLOTTE COURTHOUSE	C	GW	SSWP - State Source Water P	YES	10/04/2017	
05	14	VA5037188	DOLLAR GENERAL - RED	NC	GW	SSWP - State Source Water P	NO		
05	14	VA5037200	DRAKES BRANCH, TOWN	C	GW	SSWP - State Source Water P	NO	06/20/2012	
05	14	VA5037300	KEYSVILLE, TOWN OF	C	SW	SSWP - State Source Water P	YES	10/15/2018	
05	14	VA5037550	PHENIX, TOWN OF	C	GW	SSWP - State Source Water P	NO	10/04/2017	
05	14	VA5037820	KEYSVILLE SAVE-U-TIM	NC	GW	SSWP - State Source Water P	NO	06/20/2012	
05	14	VA5037823	STAUNTON RIVER BATTL	NC	GW	SSWP - State Source Water P	NO	06/20/2012	
05	14	VA5141150	WILLVILLE CAMPGROUND	NC	GW	SSWP - State Source Water P	NO	06/20/2012	
05	14	VA5141269	CANA ADULT HOME	NTNC	GW	SSWP - State Source Water P	NO	03/22/2010	
05	14	VA5141270	COCKRAM MILL COMPLEX	NC	GW	SSWP - State Source Water P	NO	03/22/2010	
05	14	VA5141285	DOLLAR GENERAL-WOOLW	NC	GW	SSWP - State Source Water P	NO		
05	14	VA5141330	BLUE RIDGE ELEMENTAR	NTNC	GW	SSWP - State Source Water P	NO	06/20/2012	
05	14	VA5141335	BLUE RIDGE MOTEL & R	NC	GW	SSWP - State Source Water P	NO	06/20/2012	
05	14	VA5141337	BOYD`S RESTAURANT	NC	GW	SSWP - State Source Water P	NO	06/20/2012	
05	14	VA5141355	DEER RUN CAMPGROUND	NC	GW	SSWP - State Source Water P	NO	06/20/2012	
05	14	VA5141358	HOWELL`S GROCERY	NC	GW	SSWP - State Source Water P	NO	06/20/2012	
05	14	VA5141365	PRIMLAND RESORT	NC	GW	SSWP - State Source Water P	NO	06/20/2012	
05	14	VA5141366	PRIMLAND COMMUNITY W	C	GW	SSWP - State Source Water P	NO	06/20/2012	
05	14	VA5141370	AERIAL MACHINE AND T	NTNC	GW	SSWP - State Source Water P	NO	06/20/2012	
05	14	VA5141496	GORDON TRENT GOLF CO	NC	GW	SSWP - State Source Water P	NO	03/22/2010	
05	14	VA5141506	HARDIN REYNOLDS ELEM	NTNC	GW	SSWP - State Source Water P	NO	06/20/2012	

VDH VIRGINIA DEPARTMENT OF HEALTH
Protecting You and Your Environment

Office of Drinking Water
Safe Drinking Water for a Healthy Virginia

PWS Indicators

Reg	Dist	PWSID	PWS Name	Type Code	Source Type	Indicator Type	Indicator Value	Start Date	End Date
05	14	VA5141509	HIGHER GROUND SUMMER	NC	GW	SSWP - State Source Water P	NO	06/20/2012	
05	14	VA5141535	MEADOWS OF DAN ELEME	NTNC	GW	SSWP - State Source Water P	NO	06/20/2012	
05	14	VA5141539	MEADOWS OF DAN CAMPG	NC	GW	SSWP - State Source Water P	NO	06/20/2012	
05	14	VA5141541	MAXCESS INTERNATIONA	NTNC	GW	SSWP - State Source Water P	NO	06/20/2012	
05	14	VA5141548	ORCHARD VIEW MARKET	NC	GW	SSWP - State Source Water P	NO	03/22/2010	
05	14	VA5141549	THE OAKS RV RESORT	NC	GW	SSWP - State Source Water P	NO		
05	14	VA5141556	PHILPOTT RES -GOOSE	NC	GW	SSWP - State Source Water P	NO	06/20/2012	
05	14	VA5141557	PHILPOTT RES - GOOS	NC	GW	SSWP - State Source Water P	NO	06/20/2012	
05	14	VA5141560	PANEL PROCESSING OF	NTNC	GW	SSWP - State Source Water P	NO	06/20/2012	
05	14	VA5141564	RED ROOSTER	NC	GW	SSWP - State Source Water P	NO		
05	14	VA5141640	STUART, TOWN OF	C	SW	SSWP - State Source Water P	YES	06/30/2016	
05	14	VA5141700	CROSSROADS CAFÉ	NC	GW	SSWP - State Source Water P	NO	03/22/2010	
05	14	VA5141800	NARROFLEX, INC.	NTNC	GW	SSWP - State Source Water P	NO	06/20/2012	
05	14	VA5141805	INSIGHT TEXTILES	NTNC	GW	SSWP - State Source Water P	NO	06/20/2012	
05	14	VA5141814	ROBERT'S MARKET	NC	GW	SSWP - State Source Water P	NO	10/25/2002	
05	14	VA5141815	WOOLWINE ELEMENTARY	NTNC	GW	SSWP - State Source Water P	NO	06/20/2012	
05	14	VA5141900	TRINITY CHRISTIAN SC	NTNC	GW	SSWP - State Source Water P	NO	06/20/2012	
05	14	VA5147111	DOLLAR GENERAL-RICE	NC	GW	SSWP - State Source Water P	NO		
05	14	VA5147170	FARMVILLE, TOWN OF	C	SW	SSWP - State Source Water P	NO	06/20/2012	
05	14	VA5147200	TWIN LAKES STATE PAR	NC	GW	SSWP - State Source Water P	NO	06/20/2012	
05	14	VA5147280	HAMPDEN-SYDNEY COLLE	C	GW	SSWP - State Source Water P	NO	06/20/2012	
05	14	VA5147450	TWIN LAKES STATE PAR	NC	GW	SSWP - State Source Water P	NO	06/20/2012	
05	14	VA5690400	MARTINSVILLE, CITY O	C	SW	SSWP - State Source Water P	NO	06/20/2012	

North Carolina Department of Environmental Quality

TELEPHONE /PERSONAL CONVERSATION REPORT

PROJECT NAME:	MVP Southgate Pipeline Project
MVP TEAM CALLER:	Sam Weaver
CONVERSATION WITH:	
AGENCY:	North Carolina Department of Environmental Quality
EMAIL ADDRESS:	
PHONE NUMBER:	336-776-9800
SUBJECT:	Information request for Projects in HUC-12 watersheds associated with MVP Southgate Projects
DATE AND TIME:	November 11, 2024 15:40

SUMMARY OF CONVERSATION:

SW: We are pulling together a Cumulative Impacts Analysis for and Individual Permit Application for a pipeline project that runs through Rockingham County. For this CIA, we need information on Projects in three watershed; Cascade Creek, Trotters Creek- Dan River, and Sandy Creek – Dan River.

I am calling to request information on Projects that have received state Section 401 Water Quality Certifications, Construction Stormwater General National Pollutant Discharge Elimination System Permits, or NCDEQ Construction Stormwater Certification of Coverage within these watersheds.

I would be happy to send the watershed boundaries and Project information in an email if that would be useful. If there area nay publicly available resources, I am happy to consult those as well if you can point me to them. We have a pretty quick turnaround on this, so any help is greatly appreciated.

NCDEQ – transfers call to Paul Williams, Winston-Salem regional office.

SW- Hi Paul, I have questions about finding information regarding authorizations within some watershed in Rockingham County. Left a message asking for help with the CIA.

Paul calls back at 12:45.He says he doesn't have access to the data and refers to a deputy secretary for public affairs. Sharon Martin. Phone # 919-707-8670 email (faster) sharon.martin@deq.nc.gov

MVP SOUTHGATE

North Carolina DEQ Preapplication Meeting

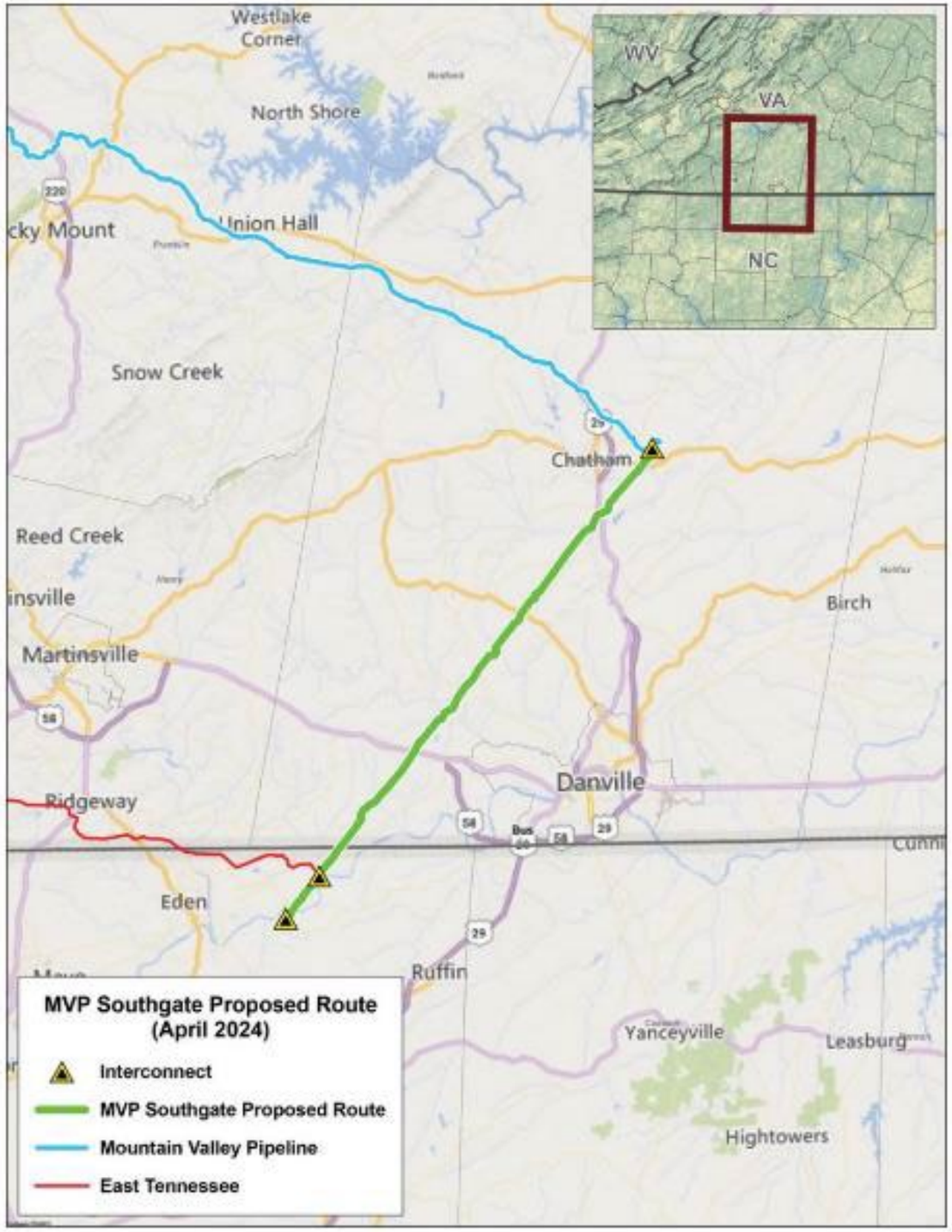
April 10, 2025

Purpose and Agenda

- Introductions
- Project Overview
- Federal Permitting Summary
- Avoidance and Minimization
- JPA Overview
- Questions

Key Dates

Milestone	Date
Prior Joint Permit Application Submittals (Withdrawn)	November 2018 & August 2019
FERC Certificate Issued	June 2020
Initial Preapplication Meeting with Virginia DEQ	September 2024
Application to Amend FERC Certificate Submitted	February 2025
Joint Permit Application Resubmittal	Expected April 2025
FERC ~~Environmental Assessment and~~ Amended Certificate	Expected December 2025



Project Overview

Approx 31 miles in VA and NC

- From MVP mainline terminus in Pittsylvania County, VA to Rockingham County, NC
- Pipeline diameter: 30-inches
- No compressor station
- Four proposed interconnects
  - Two receipt, two delivery
- 550,000 Dth/d of firm capacity
- In-service date of 2028
- 100% ROW acquisition in NC, 97% in VA
- 100’ of temporary construction right-of-way (ROW), including 50’ of permanent ROW

This project connects the supply of natural gas from the Mountain Valley Pipeline to the growing demand of PSNC Energy and Duke Energy in North Carolina

Project Purpose and Need

- The purpose of the Amendment Project is to transport natural gas from an interconnection point with the Mainline Project in southern Virginia to an interconnection point with the East Tennessee Natural Gas Transmission, LLC system (East Tennessee) in North Carolina
- This will feed two new delivery points in Rockingham County, North Carolina, to meet the specific requests for natural gas transportation service of Foundation Shippers: (1) Public Service Company of North Carolina (PSNC) and (2) Duke Energy

B. Increased Diversity of Transportation Providers into North Carolina is Critical for PSNC's Current and Future Gas Supply Needs.

PSNC, as supported by the North Carolina Utilities Commission ("NCUC"), has long recognized the value of diversifying pipeline service providers with meaningful facilities in North Carolina.[10] From PSNC's perspective, additional flexibility for multiple and alternative pipeline paths to bring desperately needed gas supply onto PSNC's system is invaluable. This is true even if the underlying natural gas supply may, at times, originate from the same region. Comments filed by Transcontinental Gas Pipe Line Company, LLC ("Transco") in this docket seek to clarify that Transco's "SSE Project" will, once constructed, offer the same diversity of supply as the Amended Project.[11] While PSNC assumes this is an important clarification for Transco to argue as FERC separately and independently evaluates the pending SSE project in Docket No. CP25-10-000, it does not change the value offered by the Amended Project from PSNC's perspective. Having new transportation paths into North Carolina from new transportation service providers that can tap into affordable gas supply makes the Amended Project unique compared to any alternative.

Excerpt from comments filed on FERC docket by PSNC (Mar. 20, 2025)

Avoidance and Minimization Approach

- Offsite Alternative Analysis
  - Major Route and Transportation Alternatives
  - Route Variations and Workspace Configuration Alternatives
- Onsite Alternatives Analysis
  - Site-Specific Crossing Method Alternatives (Trenchless vs Open Cut)
- Access Road Alternatives
  - Site-Specific Evaluation of Each Access Road Crossing
- Minimization Measures
  - Various Measures Documented in JPA (e.g., ROW reduced 100' → 75' within 50' of crossings)

Avoidance and Minimization Results (NC)

Crossing Method Summary	
Pipeline Route Length	31 miles (5 NC)
Aquatic Resources in ROW	20 Waterbodies 42 Wetlands
Waterbody Crossings*	Trenchless 4; Open Cut 21

Cowardin Class / Flow Regime	Temporary Impacts*	Permanent Impact (Loss)*	Conversion Impact*
PEM	2.95 ac	0.00 ac	0.00 ac
PSS	0.00 ac	0.00 ac	0.36 ac
PFO	0.00 ac	0.00 ac	2.55 ac
Ephemeral	214 lf	0 lf	n/a
Intermittent	267 lf	52 lf	n/a
Perennial	242 lf	0 lf	n/a

**Minor changes are possible as application is finalized.*

JPA Overview

CONTENTS

1.0 Project Information 1-1
- 1.1 Preliminary Jurisdictional Determination and USACE Individual Permit Application Forms 1-1
- 1.2 Amendment Project Description and History 1-1
- 1.3 General Construction Information 1-2
  - 1.3.1 Pipeline Construction Description 1-2
  - 1.3.2 Access Road Construction Description 1-4
- 1.4 Amendment Project Location 1-4
- 1.5 Watersheds and Hydrologic Unit Codes 1-4
- 1.6 Property Owners 1-4
- 1.7 Directions to Site 1-4
- 1.8 Amendment Project Authorizations 1-6
  - 1.8.1 Authorizations and Approvals 1-6
  - 1.8.2 Clean Water Act § 401 Water Quality Certification 1-6
  - 1.8.3 National Historic Preservation Act § 106 Consultation 1-7
  - 1.8.4 Endangered Species Act § 7 Consultation 1-7
  - 1.8.5 Inapplicable Authorizations and Approvals 1-8
- 1.9 Amendment Project Schedule 1-9

2.0 Amendment Project Purpose And Need 2-1
- 2.1 Basic Amendment Project Purpose 2-1
- 2.2 Overall Amendment Project Purpose 2-1
- 2.3 Overall Amendment Project Need 2-1

3.0 Alternatives Analysis 3-1
- 3.1 FERC's NEPA Document 3-1
- 3.2 Alternatives Analysis 3-2
  - 3.2.1 No Action (No Build) Alternative 3-3
  - 3.2.2 No Action (No Permit) Alternative 3-4
  - 3.2.3 Natural Gas Transportation Method Alternatives Analysis 3-5
    - 3.2.3.1 LNG Delivery 3-5
  - 3.2.4 System Alternatives 3-6
    - 3.2.4.1 Transco Pipeline System Alternative 3-7
    - 3.2.4.2 East Tennessee Pipeline System Alternative 3-8
  - 3.2.5 Route Alternatives 3-8
  - 3.2.6 Route Alternatives Determined to Be Impracticable 3-9
    - 3.2.6.1 Berry Hill Alternative 3-9
    - 3.2.6.2 Lake Cammack East Alternative 3-10
    - 3.2.6.3 North-South Alternative 3-10
    - 3.2.6.4 Route Alternatives Evaluated in Detail 3-10

4.0 Affected Environment and Environmental Review Factors 4-1
- 4.1 Proposed Aquatic Impacts 4-1
  - 4.1.1 Jurisdictional Impacts 4-1
  - 4.1.2 Section 10 Waters 4-1
  - 4.1.3 Wetland Delineation and Stream Identification 4-1
  - 4.1.4 Water Withdrawals 4-2
- 4.2 Sensitive Stream Resources 4-2
  - 4.2.1 National Wild and Scenic Rivers 4-2
  - 4.2.2 Tier 3 Protection 4-2
  - 4.2.3 Trout Waters 4-2
  - 4.2.4 Warm Water Fishery 4-2
  - 4.2.5 Anadromous Fish Use Areas 4-3
  - 4.2.6 Aquatic Life Movements 4-3
  - 4.2.7 Spawning Areas 4-3
  - 4.2.8 Submerged Aquatic Vegetation 4-4
  - 4.2.9 Freshwater Mussels 4-4
  - 4.2.10 Designated Critical Resource Waters 4-5
- 4.3 404(b)(1) Guidelines Technical Evaluation Factors 4-5
  - 4.3.1 Substrate (§ 230.20) 4-5
  - 4.3.2 Suspended Particles/Turbidity (§ 230.21) 4-5
  - 4.3.3 Water (§ 230.22) 4-5
  - 4.3.4 Current Patterns and Water Circulation (§ 230.23) 4-5
  - 4.3.5 Normal Water Fluctuations (§ 230.24) 4-6
  - 4.3.6 Salinity Gradients (§ 230.25) 4-6
  - 4.3.7 Threatened and Endangered Species § (230.30) 4-6
  - 4.3.8 Fish, Crustaceans, Mollusks, and Other Aquatic Organisms in Food Web (§ 230.31) 4-6
  - 4.3.9 Other Wildlife (§ 230.32) 4-6
  - 4.3.10 Sanctuaries and Refuges (§ 230.40) 4-6
  - 4.3.11 Wetlands (§ 230.41) 4-7
  - 4.3.12 Mud Flats (§ 230.42) 4-7
  - 4.3.13 Vegetated Shallows (§ 230.43) 4-7
  - 4.3.14 Riffle and Pool Complexes (§ 230.45) 4-7
  - 4.3.15 Municipal and Private Water Supplies (§ 230.50) 4-8
  - 4.3.16 Recreational and Commercial Fisheries (§ 230.51) 4-9
  - 4.3.17 Water-Related Recreation (§ 230.52) 4-9
  - 4.3.18 Aesthetics (§ 230.53) 4-9
  - 4.3.19 Parks, National and Historical Monuments, National Seashores, Wilderness Areas, Research Sites and Similar Preserves (§ 230.54) 4-9
  - 4.3.20 General Evaluation of Dredged or Fill Material (§§ 230.60, 230.61) 4-9
  - 4.3.21 Actions concerning the location of the discharge (§ 230.70) 4-9
  - 4.3.22 Actions concerning the material to be discharged (§ 230.71) 4-10
  - 4.3.23 Actions controlling the material after discharge (§ 230.72) 4-10
  - 4.3.24 Actions affecting the method of dispersion (§ 230.73) 4-10
  - 4.3.25 Actions related to technology (§ 230.74) 4-10
  - 4.3.26 Actions affecting plant and animal populations (§ 230.74) 4-10
  - 4.3.27 Actions affecting human use (§ 230.76) 4-11
  - 4.3.28 Other actions (§ 230.77) 4-11
- 4.4 Public-Interest Review Factors 4-11
  - 4.4.1 Conservation (§ 320.4(a)) 4-11
  - 4.4.2 Economics (§ 320.4(a)) 4-11
  - 4.4.3 Aesthetics (§ 320.4(a)) 4-12
  - 4.4.4 General Environmental Concerns (§ 320.4(a)) 4-12
  - 4.4.5 Wetlands (§ 320.4(a) & (b)) 4-12
  - 4.4.6 Historic, Cultural, Scenic, and Recreational Values (§ 320.4(a) & (e)) 4-12
  - 4.4.7 Fish and Wildlife Values (§ 320.4(a) & (c)) 4-13
  - 4.4.8 Floodplain Hazards, Values, and Management (§ 320.4(a) & (l)) 4-13
  - 4.4.9 Land Use (§ 320.4(a)) 4-14
  - 4.4.10 Navigation (§ 320.4(a) & (o)) 4-14
  - 4.4.11 Shore Erosion and Accretion (§ 320.4(a)) 4-14
  - 4.4.12 Water Supply and Conservation (§ 320.4(a) & (m)) 4-14
  - 4.4.13 Water Quality (§ 320.4(a) & (d)) 4-15
  - 4.4.14 Energy Needs, Energy Conservation and Development (§ 320.4(a) & (n)) 4-15
  - 4.4.15 Safety (§ 320.4(a)) 4-16
  - 4.4.16 Food and Fiber Production (§ 320.4(a)) 4-16
  - 4.4.17 Mineral Needs (§ 320.4(a)) 4-16
  - 4.4.18 Consideration of Property Ownership (§ 320.4(a) & (g)) 4-16
  - 4.4.19 Needs and Welfare of the People (§ 320.4(a)) 4-16
  - 4.4.20 Effects on Limits of the Territorial Sea (§ 320.4(f)) 4-17
  - 4.4.21 Activities Affecting Coastal Zones (§ 320.4(h)) 4-17
  - 4.4.22 Activities in Marine Sanctuaries (§ 320.4(h)) 4-17
  - 4.4.23 Other Federal, State, or Local Requirements (§ 320.4(j)) 4-17

JPA Overview

4.4.24 Safety of Impoundment Structures (§ 320.4(k)) 4-17
4.4.25 Environmental Benefits (§ 320.4(p)) 4-17
4.4.26 Mitigation (§ 320.4(r)) 4-17

5.0 Mitigation 5-1
5.1 Avoidance 5-1
5.1.1 Avoidance and Minimization by Selection of Pipeline Crossing Method 5-1
5.1.1.1 Pipeline Crossing Methods 5-1
5.1.1.2 Pipeline Crossing Constraints 5-5
5.1.1.3 Comparison of Environmental Effects 5-11
5.1.1.4 Determination of Proposed Crossing Methods 5-12
5.1.2 Avoidance Through Alignment Selection 5-12
5.1.3 Avoidance Through ROW Configuration 5-12
5.1.4 Site-Specific Onsite Avoidance Measures 5-13
5.1.5 Avoidance Actions Dictated by Other Authorities 5-13
5.2 Minimization 5-13
5.2.1 Instream Pipeline Construction Practices 5-13
5.2.2 Wetland Pipeline Construction Practices 5-14
5.2.3 Duration of Pipeline Construction Activities in Waters 5-14
5.2.4 Construction Practices Adjacent to Aquatic Resources 5-14
5.2.5 Stream Crossing Geometry 5-14
5.2.6 Time-of-Year Restrictions 5-14
5.2.7 Wetland and Stream Crossings in ATWS 5-14
5.2.8 Restoration of Temporary Wetland Impacts 5-15
5.2.9 Restoration of Temporary Stream Impacts (Pipeline) 5-16
5.2.10 Long-Term ROW Maintenance in Wetlands 5-16
5.3 Compensation 5-17

6.0 Public Involvement 6-1

7.0 Environmental Justice 7-1

Figures 7-4

Tables 7-5

Attachments 7-6

FIGURES

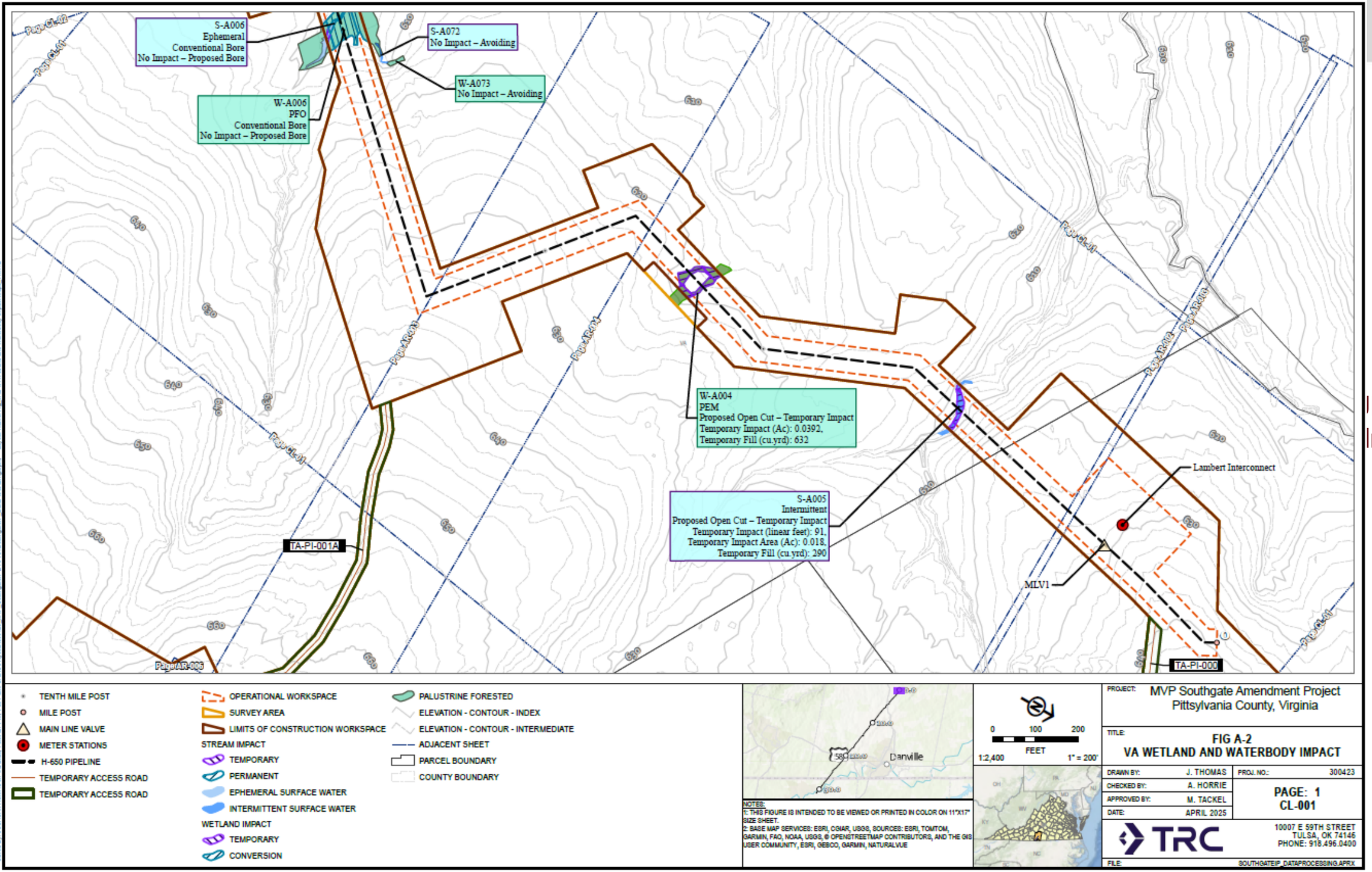
Figure 1 Amendment Project Overview Map
Figure 2 U.S. Geological Survey Amendment Project Location Map
Figure 3 Detail Map
Figure 4 USACE Norfolk District Wetland and Waterbodies Overview Map
Figure 5 USACE Wilmington District Wetland and Waterbodies Overview Map

TABLES

Table 1 Section 10 River Crossings
Table 2 Stream Impacts
Table 3 Wetland Impacts
Table 4 Stream Impact Summary
Table 5 Wetland Impact Summary
Table 6 Counties and Towns Crossed by the Amendment Project
Table 7 Watersheds Crossed by the Amendment Project
Table 8 List of Affected Landowners
Table 9 State and Federal Permit Status
Table 10 Dry-Ditch Open-Cut Crossing Method Cost
Table 11 Bore Crossing Method Cost
Table 12 Crossing Method Determination Summary
Table 13 Streams and Wetlands Avoided at the Direction of Other Federal or State Authorities
Table 14 Wetland Mitigation
Table 15 Stream Mitigation

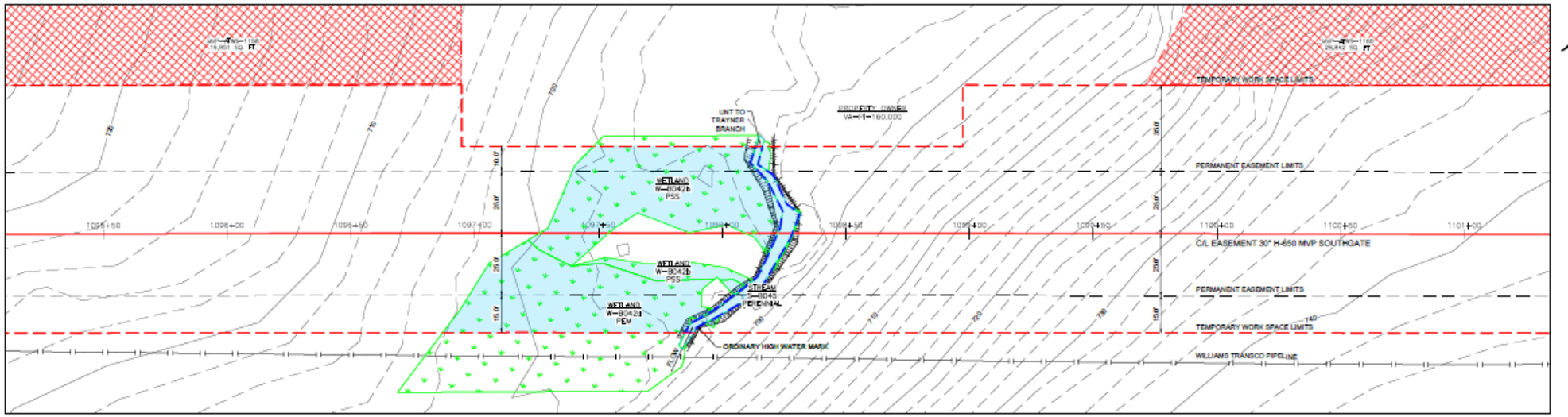
Attachments

Attachment A VA DEQ 401 WQC Information and VWP Permit Application
Attachment B NC DEQ 401 WQC Information
Attachment C VMRC Permit
Attachment D USACE Norfolk District ENG Form 4345
Attachment E USACE Wilmington District ENG Form 4345
Attachment F USACE Norfolk District Standard JPA Form
Attachment G Plan and Profile Crossing Drawings and Inadvertent Return Plan
Attachment G-1 Section 10 Waters Plan and Profile Crossing Drawings
Attachment G-2 Virginia Plan and Profile Crossing Drawings
Attachment G-3 Inadvertent Return Plan
Attachment H Wetland and Stream Data Forms and Photographs
Attachment H-1 USACE Norfolk Stream Data Forms
Attachment H-2 USACE Norfolk Wetland Data Forms
Attachment H-3 USACE Wilmington Stream Data Forms
Attachment H-4 USACE Wilmington Wetland Data Forms
Attachment I Construction Details
Attachment J Compensatory Mitigation
Attachment J-1 USACE Norfolk Stream USM Forms
Attachment J-2 Mitigation Affidavits & Purchase Agreements
Attachment K Cumulative Impacts Analysis
Attachment L Economic Benefit Analysis
Attachment M Supplemental Public Interest Comments



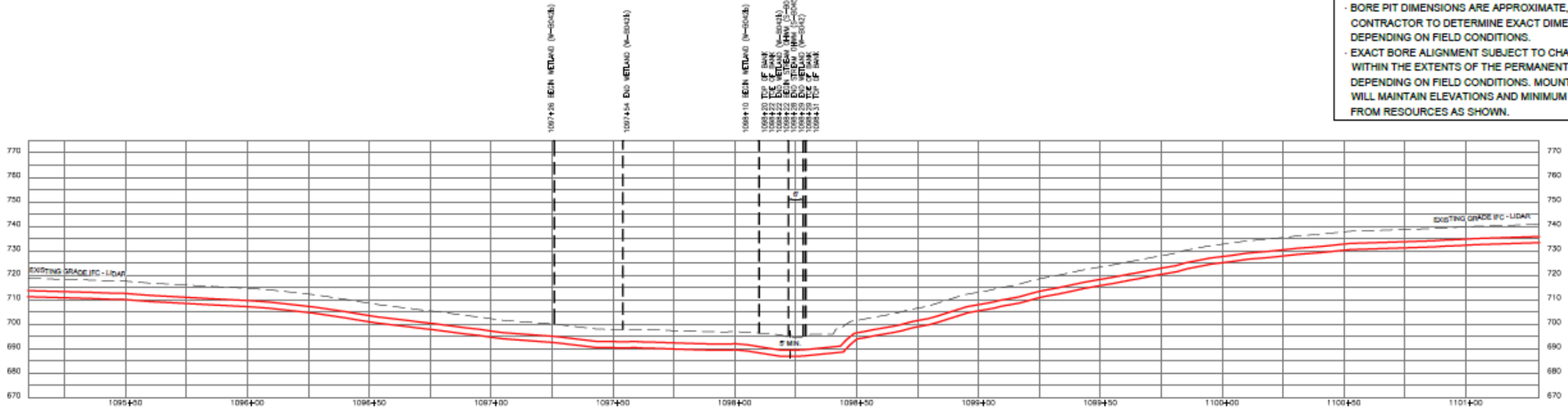
PA Overview
Impact Maps

C/L MP 20.8



NOTES:

- STATIONING IS FOR REFERENCE ONLY. SEE IFC ALIGNMENT FOR ACTUAL STATIONING.
- SPOIL PILES FROM EXCAVATED MATERIAL WILL BE KEPT A MINIMUM OF 10 FEET FROM THE ORDINARY HIGH WATER MARK AND WILL BE CONTAINED BY SEDIMENT BARRIERS.
- BORE PIT DIMENSIONS ARE APPROXIMATE, CONTRACTOR TO DETERMINE EXACT DIMENSIONS DEPENDING ON FIELD CONDITIONS.
- EXACT BORE ALIGNMENT SUBJECT TO CHANGE, WITHIN THE EXTENTS OF THE PERMANENT EASEMENT, DEPENDING ON FIELD CONDITIONS. MOUNTAIN VALLEY WILL MAINTAIN ELEVATIONS AND MINIMUM DISTANCES FROM RESOURCES AS SHOWN.



LEGENDS

REFERENCE DRAWINGS

REVISIONS

PROJECTION: UTM ZONE 17
HORIZONTAL DATUM: NAD 83 US SURVEY FEET
VERTICAL DATUM: NAVD88

APPROVED FOR BIDDING

APPROVED FOR CONSTRUCTION

Mountain Valley PIPELINE

PLAN & PROFILE
CROSSING 057
MVP SOUTHGATE AMENDMENT PROJECT
PROPOSED H-650 PIPELINE
PITTSYLVANIA COUNTY, VA

JPA Overview Plan & Profile Drawings

Compensatory Mitigation

- Stream Credits
  - Mitigation for Permanent Impacts Determined by USM
  - Need: 52 credits
  - 52 Credits to be reserved from North Carolina Division of Mitigation Services

- Wetland Credits
  - Mitigation for Conversion Impacts Using DEQ's Standard Ratios*
  - Need: 2.9 credits
  - 2.9 credits to be reserved from North Carolina Division of Mitigation Services

*No proposed loss of wetland area in VA

Questions?

MVP
SOUTHGATE

MVP Southgate Project
Meeting Minutes

Meeting Date: April 10, 2025
Meeting Location: Microsoft Teams
Meeting Minutes Prepared By: Abby Heller-Leib
April 15, 2025

Participants:

Sue Homewood	NCDEQ Division of Water Resources	Senior Branch Coordinator
Samantha Wooten	NCDEQ Division of Water Resources	Environmental Specialist II
John Tessier	NextEra	Environmental Manager
Nic Dale	NextEra	Senior Environmental Specialist
Jim Sabol	EQT	Project Manager
Megan Neylon	EQT	Environmental Coordinator
Cory Chalmers	EQT	Permitting Specialist
Lori Ferry	Burns & McDonnell	Environmental Consultant
Abby Heller Leib	Burns & McDonnell	Environmental Consultant
Christian King	Burns & McDonnell	Environmental Consultant

Meeting Purpose:

MVP Southgate JPA Pre-App Meeting with NC Department of Environmental Quality

Discussion Points:

- Introductions
- Purpose and Agenda

- Review of key dates and revision of scope
  a. MVP is expecting to file JPA in April 2025; not submitting to NCDEQ project review portal until May 2025
  b. Will provide them a link to the JPA when filed so they can begin reviewing materials tied to the NC portion if desired.
     i. Noted they will review "lightly" when we submit before they really dig in following the formal submittal

- Overview of Project
  a. Chopped off the last 40 miles of the pipeline in NC; ROW is mostly similar
     i. Only 5 miles in NC now
  b. All the of the ROW in NC has been acquired—low risk of additional changes.
  c. 100-foot-wide ROW—same as what was filed in 2018 for pre-amendment route.
- Amendment Project is not relying on prior (2018) delineations—new delineations in 2024 with considerations of changes in jurisdictional features.

- Project Purpose and Need
  a. Amendment Project has support from Duke and PSNC—both have commented on the FERC docket addressing the need.
     i. Increased reliability and diversity
     ii. Allows Duke to retire coal plants

- Alternatives and Minimization
  a. Alternatives and variations addressed in the FERC application
  b. Completed a site-specific crossing method analysis
  c. Put a lot of thought of what resources we are crossing, what threatened & endangered species are there, and how to cross
  d. Access road alternatives—also completed evaluation of crossings on access roads

- Summary of crossings in North Carolina
  a. 20 waterbodies/42 wetlands
  b. 3 trenchless (Dan River is HDD) and 21 open-cut
  c. Changes *might* arise if we need changes to culverts.
     i. Note from NCDEQ: anything that changes while we are in review--can send them information and is an easy change/not a problem
        1. If they have already approved, then changes would result in a modification to the approval and go back out to public review
           a. Will keep that in mind and try to ensure if there are changes proposed after the fact, they would be truly necessary

- Including all the North Carolina-related 401 information in Attachment B of the larger JPA
  a. Allowing them additional time for review to identify anything that is missing or they would like to see to be addressed

- Review of details maps and plan/profiles

- Compensatory Mitigation
  a. Mitigation through NCDMS
     i. Note from NCDEQ: wetland mitigation is <u>not</u> required for conversion impacts (still required for USACE)

- Items to make sure are in the application:
  a. Larger waterbodies (20 ft wide or wider) that are being proposed for open cut – they will do an extra level of review to determine why trenchless is not an option; might ask for more site-specific reasoning on these.
     i. Want an understanding of how it will actually occur (more construction details on how the open cut will be done and how the dry will work)
     ii. Only for waterbodies that are flowing or ponds
  b. If an open cut is done on larger streams, NCDEQ generally does not like a complete pump around for these
     i. NCDEQ noted that they were unsure if this applies to this project, but that is one of their biggest sticking point in general.

- Norfolk District will be lead, we are requesting IP. The project could qualify potentially for NWP 12 but an individual permit is in everybody's best interest.

TELEPHONE / PERSONAL CONVERSATION REPORT

PROJECT NAME:	MVP Southgate Pipeline Project
MVP TEAM CALLER:	John Tessier
CONVERSATION WITH:	Sue Homewood and Samantha Wooten
AGENCY:	NCDEQ
EMAIL ADDRESS:	Sue.homewood@deq.nc.gov
PHONE NUMBER:	919-707-3679
SUBJECT:	NCDEQ 401 WQC Submittal Check-In
DATE AND TIME:	5/1/2025

SUMMARY OF CONVERSATION:

- **NCDEQ Application Review from USACE Submittal**
  - **Sue indicated she will have a preliminary review of the application completed by 5/2/2025 for any missing information**
    - **A more detailed review of the application will occur following submittal to NCDEQ**
- **NCDEQ Submittal**
  - **Targeting the week of May 12th**
- **Designation of Southgate Project as Energy Infrastructure Project under EO 14156**
  - **There is nothing in the EO that will change the state timelines for review, they are operating under the same rules and regulations**
  - **Under this EO, will get something faster from the USACE but not necessarily NCDEQ**
  - **NCDEQ timeline will already be expedited due to session law being passed last year**
- **Follow-up Meeting with NCDEQ**
  - **MVP to schedule a meeting with NCDEQ following 401 WQC submittal**
  - **Will get a better idea of review timelines to get 401 WQC approval**

Outlook

FW: ICI Policy

From King, Christian M <cmking2@burnsmcd.com>
Date Tue 2025-05-13 10:07 AM
To Ferry, Lori M <lmferry@burnsmcd.com>; Heller Leib, Abigail (Abby) <ahellerleib@burnsmcd.com>

FYI Sue Homewood at NCDEQ called me just now to ask that we include a secondary cumulative impact analysis in the IP that follows the DWR policy linked below.

She finished her broad review of the application, and this is the only item that stood out. She mentioned it doesn't need to be long, only a 2-page document or so. I haven't had a chance to look but wanted to let you know to see if we can prepare before the formal submittal to NCDEQ.

Thanks,
Christian

From: Homewood, Sue <sue.homewood@deq.nc.gov>
Sent: Tuesday, May 13, 2025 10:01 AM
To: King, Christian M <cmking2@burnsmcd.com>
Subject: ICI Policy

https://edocs.deq.nc.gov/WaterResources/DocView.aspx?dbid=0&id=2479205

Thanks,

Sue Homewood *(she/her/hers)*
401 & Buffer Permitting Branch
Division of Water Resources
sue.homewood@deq.nc.gov **please note my new email address**
336 813 1863 mobile
919-707-3679 office

Email correspondence to and from this address is subject to the
North Carolina Public Records Law and may be disclosed to third parties.

Email correspondence to and from this address may be subject to the North Carolina Public Records Law and may be disclosed to third parties by an authorized state official.

Project Submittal Interim Form

Updated December 4, 2023

*Please note: fields marked with a red asterisk * below are required. You will not be able to submit the form until all mandatory questions are answered.*

Project Type: *

- ( ) For the Record Only (Courtesy Copy)
- ( ) New Project
- (•) Modification/New Project with Existing ID
- ( ) More Information Response
- ( ) Other Agency Comments
- ( ) Pre-Application Submittal
- ( ) Re-Issuance\Renewal Request
- ( ) Stream or Buffer Appeal

Project Contact Information

Name: Lori Ferry

Who is submitting the information?

Email Address: * lmferry@burnsmcd.com

Project Information

Existing ID #: *

20181638

20170001 (no dashes)

Existing Version: *

0

1

Project Name: * Southgate Amendment Project

Is this a public transportation project? *

- ( ) Yes
- (•) No

Is the project located within a NC DCM Area of Environmental Concern (AEC)? *

( ) Yes (•) No ( ) Unknown

Does this project involve maintenance dredging funded by the Shallow Draft Navigation Channel Dredging and Aquatic Weed Fund, electric generation projects located at an existing or former electric generating facility, or involve the distribution or transmission of energy or fuel, including natural gas, diesel, petroleum, or electricity? *

(•) Yes ( ) No

Is this project connected with ARPA funding? *

( ) Yes (•) No

County (ies) *

Rockingham

Please upload all files that need to be submited.

Click the upload button or drag and drop files here to attach document

MVP Southgate Amendment-JPA Narrative_April2025.pdf	692.22KB
Attachment A_VADEQ_401_WQC_VWP_April2025.pdf	61.74MB
Attachment B_NCDEQ_401_WQC-Information_May2025.pdf	68.9MB
Attachment C_VMRC_Permit-Request_April2025.pdf	13.72MB
Attachment D_USACE_Norfolk-ENG Form4345-signed.pdf	2.14MB
Attachment E_USACE_Wilmington-ENG Form4345-signed.pdf	2.33MB
Attachment F_USACE Norfolk JPA Form-signed.pdf	2.87MB
Attachment G_Cumulative-Impact.pdf	149.38MB
Attachment H_Plan_Profiles_IR Plan.pdf	35.26MB
Attachment I-1_USACE-Norfolk_Stream-Forms.pdf	78.2MB
Attachment I-2_USACE-Norfolk_Wetland-Forms.pdf	24.74MB
Attachment I-3_USACE-Wilmington_Stream-Forms.pdf	27.74MB
Attachment I-4_USACE-Wilmington_Wetland-Forms.pdf	23.77MB
Attachment J_Construction_Typicals.pdf	8.84MB
Attachment K_Economic_Analysis.pdf	782.44KB
Attachment L_Public-Interest_Comments.pdf	548.04KB
Attachment M_Compensatory-Mitigation.pdf	2.25MB
Figure 1_Project_Overview.pdf	2.2MB
Figure 2_USGS_Project-Location.pdf	6.77MB
Figure 3_Details_Map_Pages 1-60.pdf	149.41MB
Figure 3_Details_Map_Pages 61-137.pdf	152.42MB
Figure 4_USACE-Norfolk_Wetland-Waterbody_Overview.pdf	6.75MB
Figure 5_USACE-Wilmington_Wetland-Waterbody_Overview.pdf	6.25MB
Table 01_Section-10_Crossings.pdf	71.4KB
Table 02_Stream Impacts.pdf	135.08KB
Table 03_Wetland Impacts.pdf	123.46KB
Table 04_Stream_Impacts-Summary.pdf	42.92KB
Table 05_Wetland_Impacts-Summary.pdf	41.96KB
Table 06_Counties_Towns-Crossed.pdf	33.57KB
Table 07_Watersheds-Crossed.pdf	34.58KB
Table 08_Affected-Landowners.pdf	100.08KB
Table 09_State_Federal-Permits.pdf	75KB
Table 10_Dry-Ditch_Open-Cut_Cost.pdf	46.36KB
Table 11_Bore-Crossing_Cost.pdf	55.69KB
Table 12_Crossing-Methods.pdf	232.26KB
Table 13_Access-Roads.pdf	88.36KB
Table 14_Streams_Avoided-Other_Federal_Authorities.pdf	51.14KB

Table 15_Wetland-Mitigation.pdf	79.57KB
Table 16_Stream-Mitigation.pdf	53.54KB

Only pdf or kmz files are accepted.

Describe the attachments or add comments:

The attachments contain the Individual Permit application for the Southgate Amendment Project which includes the Individual Water Quality Certification request to NCDEQ in Attachment B.

* ☑ By checking the box and signing box below, I certify that:

- I, the project proponent, hereby certifies that all information contained herein is true, accurate, and complete to the best of my knowledge and belief.
- I, the project proponent, hereby requests that the certifying authority review and take action on this CWA 401 certification request within the applicable reasonable period of time.
- I agree that submission of this online form is a “transaction” subject to Chapter 66, Article 40 of the NC General Statutes (the “Uniform Electronic Transactions Act”);
- I agree to conduct this transaction by electronic means pursuant to Chapter 66, Article 40 of the NC General Statutes (the “Uniform Electronic Transactions Act”);
- I understand that an electronic signature has the same legal effect and can be enforced in the same way as a written signature; AND
- I intend to electronically sign and submit the online form.

Signature: * Lori Ferry

Submittal Date: 5/30/2025

Outlook

Fee Request for Southgate Amendment Project ID # 20181638 Ver 4 on 6/4/2025

From: laserfiche.ncdenr.gov@mccicloud.io <laserfiche.ncdenr.gov@mccicloud.io>
Sent: Wednesday, June 4, 2025 3:38 PM
To: Ferry, Lori M <lmferry@burnsmcd.com>
Subject: Fee Request for Southgate Amendment Project ID # 20181638 Ver 4 on 6/4/2025

The North Carolina Division of Water Resources has received an application that you submitted on 5/30/2025 3:03 PM for Southgate Amendment Project. The ID number for that project is 20181638, Version 4.

Your permit request will not be reviewed until the fee for your project has been received. The amount owed is 767.00.

1. You may pay either by mail with check/money order OR by electronic payment (Credit Card).

2. If payment is by check/money order, please remit payment to:

NCDEQ - Division of Water Resources
Attn: 401 Wetlands
1617 Mail Service Center
Raleigh, NC 27699-1617

3. If payment is electronic, please see https://deq.nc.gov/about/divisions/water-resources/water-quality-permitting/401-buffer-permitting-branch/wetlands. Credit card transactions will incur a convenience fee.

4. Please include your Permit Number and Invoice Number on all correspondence.

5. A $25.00 processing fee will be charged for returned checks in accordance with North Carolina General Statute 25-3-512.

6. Non-Payment of this fee by the payment due date will initiate the application being returned.

7. Should you have any questions regarding this invoice, please contact
Sheri Montalvo at sheri.montalvo@ncdenr.gov.

Project file link: https://edocs.deq.nc.gov/WaterResources/Browse.aspx?dbid=0&startid=3861327

If this permit application was submitted outside of standard business hours, it will be considered to have been received on the next business day.

This email was automatically generated by Laserfiche workflow. Please do not respond to this email address, as responses aren’t monitored.

Outlook

Re: [External] MVP Southgate Amendment Project - North Carolina Shapefiles

From Williams, Corey S <corey.williams@deq.nc.gov>
Date Fri 2025-06-06 11:19 AM
To King, Christian M <cmking2@burnsmcd.com>
Cc Lambert, David <David.Lambert@deq.nc.gov>; Payne, David <david.payne@deq.nc.gov>; Tessier, John <john.tessier@nee.com>; Ferry, Lori M <lmferry@burnsmcd.com>; Dale, Nicholas <nicholas.dale@nexteraenergy.com>; Heller Leib, Abigail (Abby) <ahellerleib@burnsmcd.com>

Thank you very much.

Corey Williams *(he/him)*
Title VI and Environmental Justice Coordinator
North Carolina Department of Environmental Quality
Office: (919) 707-8496 | Mobile: (919) 482-5328
corey.williams@deq.nc.gov

Email correspondence to and from this address is subject to the North Carolina Public Records Law and may be disclosed to third parties.

From: King, Christian M <cmking2@burnsmcd.com>
Sent: Friday, June 6, 2025 11:00 AM
To: Williams, Corey S <corey.williams@deq.nc.gov>
Cc: Lambert, David <David.Lambert@deq.nc.gov>; Payne, David <david.payne@deq.nc.gov>; Tessier, John <john.tessier@nee.com>; Ferry, Lori M <lmferry@burnsmcd.com>; Dale, Nicholas <nicholas.dale@nexteraenergy.com>; Heller Leib, Abigail (Abby) <ahellerleib@burnsmcd.com>
Subject: [External] MVP Southgate Amendment Project - North Carolina Shapefiles

Some people who received this message don't often get email from cmking2@burnsmcd.com. Learn why this is important

CAUTION: External email. Do not click links or open attachments unless verified. Report suspicious emails with the Report Message button located on your Outlook menu bar on the Home tab.

Hi Corey,

Please see the attached zipped folder containing shapefiles for the Southgate Amendment Project in North Carolina. These include the limits of the disturbance as well as the field delineated wetlands and streams.

Please let me know if you have any questions or need any additional information.

Thanks,

Christian King, PWS \ Burns & McDonnell
Staff Environmental Scientist \ Environmental Services
O 816-782-6028 \ **M** 317-416-6128
cmking2@burnsmcd.com \ burnsmcd.com
200 West Adams Street, Suite 2700 \ Chicago, IL 60606

Email correspondence to and from this address may be subject to the North Carolina Public Records Law and may be disclosed to third parties by an authorized state official.

Outlook

FW: Fee Received for Southgate Amendment Project ID # 20181638 Ver 4

From Ferry, Lori M <lmferry@burnsmcd.com>
Date Fri 2025-06-06 1:06 PM
To King, Christian M <cmking2@burnsmcd.com>; Tessier, John <john.tessier@nee.com>; Sabol, James <james.sabol@eqt.com>
Cc Heller Leib, Abigail (Abby) <ahellerleib@burnsmcd.com>

From: laserfiche.ncdenr.gov@mccicloud.io <laserfiche.ncdenr.gov@mccicloud.io>
Sent: Friday, June 6, 2025 12:57 PM
To: Ferry, Lori M <lmferry@burnsmcd.com>
Subject: Fee Received for Southgate Amendment Project ID # 20181638 Ver 4

The North Carolina Division of Water Resources has received the application called Southgate Amendment Project that you submitted on 5/30/2025 with corresponding fee received on 6/5/2025. The ID number for that project is 20181638, Version 4.

Reviewer Contact Information: Sue Homewood - Sue.Homewood@deq.nc.gov
Reviewing Office: Central Office - (919) 707-9000

If you have questions, please contact
Sheri Montalvo at sheri.montalvo@deq.nc.gov

Project file link: https://edocs.deq.nc.gov/WaterResources/Browse.aspx?dbid=0&startid=3861327

This email was automatically generated by Laserfiche workflow. Please do not respond to this email address, as responses aren’t monitored.responses aren’t monitored.

Outlook

Shape files

From: Lambert, David <David.Lambert@deq.nc.gov>
Sent: Friday, June 6, 2025 4:14:17 PM
To: Tessier, John <John.Tessier@nee.com>; Williams, Corey S <corey.williams@deq.nc.gov>
Cc: Payne, David <david.payne@deq.nc.gov>
Subject: Shape files

Connecting about shape files for MVP Southgate. Can the team send those to Corey as soon as possible.

David A. Lambert, J.D.,M.P.A.
Director of Intergovernmental Affairs
& Economic Development
N.C. Department of Environmental Quality
919.707.8565 (O) |984.344.3304 (M)
David.Lambert@deq.nc.gov

1601 Mail Service Center
Raleigh, NC 27699-1601

Email correspondence to and from this address is subject to the North Carolina Public Records law and may be disclosed to third parties.

Email correspondence to and from this address may be subject to the North Carolina Public Records Law and may be disclosed to third parties by an authorized state official.

Outlook

FW: Project Notification for ID 20181638 Ver 4 for Southgate Amendment Project

From Ferry, Lori M <lmferry@burnsmcd.com>
Date Mon 2025-06-23 12:11 PM
To King, Christian M <cmking2@burnsmcd.com>; Heller Leib, Abigail (Abby) <ahellerleib@burnsmcd.com>; Sabol, James <james.sabol@eqt.com>; Tessier, John <John.Tessier@nee.com>; Franchina, David A. <dfranchina@mcguirewoods.com>; Chalmers, Cory <cory.chalmers@eqt.com>; Neylon, Megan <megan.neylon@eqt.com>

From: laserfiche.ncdenr.gov@mccicloud.io <laserfiche.ncdenr.gov@mccicloud.io>
Sent: Monday, June 23, 2025 11:56 AM
To: Ferry, Lori M <lmferry@burnsmcd.com>
Subject: Project Notification for ID 20181638 Ver 4 for Southgate Amendment Project

The North Carolina Division of Water Resources has received application or request that you submitted on 6/19/2025 10:55 PM for Southgate Amendment Project. The ID number for that project is 20181638, Version 4.

Reviewer Contact Information: Sue Homewood - Sue.Homewood
Central Office - (919) 707-9000

If you have questions, please contact
Sheri Montalvo at sheri.montalvo@@deq.nc.gov

Project file link: https://edocs.deq.nc.gov/WaterResources/Browse.aspx?dbid=0&startid=3861327

If this permit application was submitted outside of standard business hours, it will be considered to have been received on the next business day.

This email was automatically generated by Laserfiche workflow. Please do not respond to this email address, as responses aren't monitored.

Outlook

FW: RE: Southgate Amendment Project Files

From Ferry, Lori M <lmferry@burnsmcd.com>
Date Tue 2025-06-24 10:42 AM
To King, Christian M <cmking2@burnsmcd.com>; Heller Leib, Abigail (Abby) <ahellerleib@burnsmcd.com>; Tessier, John <John.Tessier@nee.com>; Sabol, James <james.sabol@eqt.com>

FYI

From: Baker, Caroline D <caroline.baker@deq.nc.gov>
Sent: Tuesday, June 24, 2025 10:40 AM
To: Ferry, Lori M <lmferry@burnsmcd.com>
Subject: RE: RE: Southgate Amendment Project Files

Hello,

Just a quick confirmation that your replacement files worked.

Thank you,
Caroline

From: Baker, Caroline D
Sent: Thursday, June 19, 2025 4:17 PM
To: lmferry@burnsmcd.com
Subject: RE: Southgate Amendment Project Files

Hello,

Could you resubmit the files listed below, preferably using smaller pdf files? I'd really appreciate it. Here's the link to resubmit, supplemental information link: New Submission

20181638 Ver 4_Attachment G_Cumulative-Impact_20250530
20181638 Ver 4_Attachment I-1_USACE-Norfolk_Stream-Forms_20250530
20181638 Ver 4_Attachment I-2_USACE-Norfolk_Wetland-Forms_20250530

Caroline Baker
Administrative Officer I
Division of Water Resources

Email correspondence to and from this address may be subject to the North Carolina Public Records Law and may be disclosed to third parties by an

authorized state official.

Outlook

FW: shape file

From King, Christian M <cmking2@burnsmcd.com>
Date Tue 2025-07-08 10:20 AM
To Tessier, John <john.tessier@nee.com>; Sabol, James <James.Sabol@eqt.com>; Chalmers, Cory <Cory.Chalmers@eqt.com>; Neylon, Megan <Megan.Neylon@eqt.com>
Cc Ferry, Lori M <lmferry@burnsmcd.com>; Heller Leib, Abigail (Abby) <ahellerleib@burnsmcd.com>

Just received this email from Sue Homewood at NCDEQ. Am I okay to send this information to Sue for the NC portion of the project? I can also send to Cory/Megan to distribute to Sue, whatever you all prefer.

Thanks,
Christian

From: Homewood, Sue <sue.homewood@deq.nc.gov>
Sent: Tuesday, July 8, 2025 10:12 AM
To: King, Christian M <cmking2@burnsmcd.com>
Subject: shape file

Hi Christian,

Would it be possible for you to share a shape file with me that shows the proposed LOD, the streams and wetlands, and the proposed impacts with me to assist with my review?

Thanks,

Sue Homewood *(she/her/hers)*
401 & Buffer Permitting Branch
Division of Water Resources
sue.homewood@deq.nc.gov **please note my new email address**
336 813 1863 mobile
919-707-3679 office

Email correspondence to and from this address is subject to the
North Carolina Public Records Law and may be disclosed to third parties.

Email correspondence to and from this address may be subject to the North Carolina Public Records Law and may be disclosed to third parties by an authorized state official.

North Carolina Historic Preservation Office

North Carolina Department of Natural and Cultural Resources

State Historic Preservation Office

Ramona M. Bartos, Administrator

Governor Josh Stein
Secretary Pamela B. Cashwell

Office of Archives and History
Deputy Secretary Darin J. Waters, Ph.D.

June 20, 2025

Steven VanderPloeg
U.S. Army Corps of Engineers
803 Front Street,
Norfolk, VA 23510-1011

steven.a.vanderploeg@usace.army.mil

Re: EO14156 Review: MVP Southgate Project, Construct Interstate Pipeline, FERC PF18-4, Alamance, Caswell, Guilford, Rockingham County, NAO-2018-1574 (VMRC 25-0752), SAW-2018-00887, ER 18-1041

Dear Mr. VanderPloeg:

Thank you for your email of April 30, 2025, regarding the above-referenced undertaking. We note that USACE officially requested review under Executive Order 14156 (*National Energy Emergency*). We have reviewed the submission and offer the following comments. We apologize for our delayed response.

We note that with this submission request, the Corps is deferring all Section 106 responsibility to the lead federal agency, the Federal Energy Regulatory Commission.

The Area of Potential Effects (APE) has been systematically surveyed by TRC Environmental Corporation (TRC) to determine the presence or location of archaeological resources that may be eligible for listing in the National Register of Historic Places (NRHP). There are sixteen (16) previously recorded archaeological sites within the APE. Ten (10) archaeological sites have been determined to be not eligible for listing in the National Register of Historic Places (NRHP). No further work is recommended at these 10 sites. Five (5) archaeological sites remain unassessed for listing in the NRHP. One (1) archaeological site has been determined to be eligible for listing in the NRHP.

31RK262

- Site 31RK262 is a Late Archaic period site located on a terrace above Cascade Creek. A Phase I survey conducted by TRC indicated 31RK262. has been disturbed by agricultural activities and erosion, and exhibited low artifact densities, contains limited diagnostic artifacts, and provided no evidence of artifact concentrations or intact cultural features lacks. However, 31RK262 has the potential to extend outside of the APE. As a result, the portion within the APE has been determined to be not eligible for listing in the NRHP, but the overall site remains unassessed.
- No further work is recommended at this site for the project as currently proposed. Should the construction limits change and unassessed portions of 31RK265 are impacted, additional work should be conducted to assess the eligibility of the site.

31RK265

- Site 31RK265 is a precontact period site located on the floodplain of the Dan River. A Phase I survey conducted by TRC indicated 31RK265 has the potential to contain deeply buried cultural deposits. However, due to the depth of the alluvium and the potential for deeply buried cultural deposits, TRC was unable to determine the research potential of the site. As a result, the entirety of 31RK265 remains unassessed for listing in the NRHP.
- No further work is recommended at this site for the project as currently proposed as the site was determined to be located outside of the construction workspace and will be avoided by project construction. Should the construction limits change and 31RK265 is no longer avoided by the project, additional work should be conducted to assess the eligibility of the site.

31RK44

- Site 31RK44 is a Woodland and historic period archaeological site situated on a rise overlooking the confluence of Cascade Creek and the Dan River. Previous excavations have documented a diverse and substantial artifact assemblage as well as the presence of human remains, and the site has the potential to contain information pertinent to prehistoric research questions. For this project, TRC conducted a Phase I survey which confirmed the presence of diagnostic artifacts from the Early to Late Woodland periods. Although no cultural features were identified, the shovel tests examined a very limited portion of the site but indicated that the site may contain intact buried soil horizons. In addition, the sites boundary extends beyond the project's temporary workspaces and access roads. As a result, the entirety of 31RK44 is considered unassessed for listing in the NRHP. The historic component does not appear to represent a significant resource.
- As currently designed, a narrow portion of site 31RK44 will be traversed by temporary access roads. A protection plan to avoid impacts to 31RK44 was submitted to our office. We concurred that the protection measures described in the plan will be sufficient to ensure that the site is not impacted by the proposed undertaking.

31RK217

- Site 31RK217 is a large Late Woodland period site situated on a floodplain on the south side of the Dan River. Phase II testing was conducted at 31RK217 which recovered a considerable number of Late Woodland artifacts from buried soil horizons. However, based on the results of the Phase II investigations, 31RK217 does not appear to contain significant or intact artifact deposits or cultural features within the project's APE. As a result, 31RK217 within the APE, is recommended not eligible for the NRHP. As 31RK217 extends outside the APE to the west and east, the NRHP eligibility of the remainder of this site is considered unassessed.
- As currently designed, the entire section of the floodplain containing site 31RK217 will be traversed by Horizontal Directional Drilling (HDD). Although it is unlikely there will be ground disturbance associated with the HDD or pipeline construction at site 31RK217, a protection plan to avoid impacts to 31RK217 was submitted to our office. We concurred that the protection measures described in the plan will be sufficient to ensure that the site is not impacted by the proposed undertaking

31RK299

- Site 31RK299 is a Late Woodland period site located on the floodplain of the Dan River. A Phase I survey was conducted at 31RK217 which recovered a low-density artifact scatter from buried soil horizons. Although no evidence of substantial artifact concentrations or intact cultural features was encountered, the survey was confined to the access road and likely only examined a very small portion of this site. As a result, the entirety of 31RK299 is considered unassessed for listing in the NRHP.
- As currently designed, a narrow portion of site 31RK299 will be traversed by a temporary access road. A protection plan to avoid impacts to 31RK299 was submitted to our office. We concurred

that the protection measures described in the plan will be sufficient to ensure that the site is not impacted by the proposed undertaking.

31RK222

- Site 31RK222 is a large Late Woodland and historic period archaeological site situated on a floodplain on the north side of the Dan River. Phase II testing was conducted at 31RK222 recovered a considerable number of Late Woodland artifacts from buried soil horizons. Due to density of cultural material, presence of diagnostic artifacts, and preservation of cultural deposits in buried contexts, the site appears to have to potential to yield substantive information regarding cultural chronology and prehistoric occupations of the region. The historic component does not represent a significant resource. As a result, 31RK222 is recommended eligible for the NRHP under Criterion D. It was recommended that the site be avoided and preserved in place.
- As currently designed, 31RK222 the entire section of the floodplain containing site 31RK222 will be traversed by HDD. Although it is unlikely there will be ground disturbance associated with the HDD or pipeline construction at site 31RK222, a protection plan to avoid impacts to 31RK222 was submitted to our office. We concurred that the protection measures described in the plan will be sufficient to ensure that the site is not impacted by the proposed undertaking

Although no additional archaeological work is recommended for this project as currently proposed, the project should follow the approved Site Protection Plans submitted for 31RK44, 31RK217, 31RK299 and 31RK222. Should construction limits change, new project plans should be provided to our office for review and comment. Additional archaeological surveys may be recommended to assess the NRHP eligibility of archaeological sites 31RK262, 31RK265, 31RK44, 31RK217, and 31RK299. Should unanticipated discoveries occur during project construction, the Plan for Unanticipated Discoveries of Historic Properties and Human Remains for the MVP Southgate Project (revised September 2021) should be followed.

We look forward to continuing consultation with your agency, the Federal Energy Regulatory Commission (FERC), Interested Tribes, and other consulting parties as appropriate for this undertaking.

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

Thank you for your cooperation and consideration. If you have questions concerning the above comment, contact Renee Gledhill-Earley, environmental review coordinator, at 919-814-6579

or environmental.review@dncr.nc.gov. In all future communication concerning this project, please cite the above referenced tracking number.

Sincerely,

Renee Gledhill-Earley

for Ramona Bartos, Deputy
State Historic Preservation Officer

cc:

Lindsay Ferrante, USACE	lindsay.f.ferrante@usace.army.mil
Paul Friedman, FERC	paul.friedman@ferc.gov
Dr. Wenonah G. Haire, Catawba Indian Nation THPO	wenonahh@ccppcrafts.com
Caitlin Rodgers, Catawba Indian Nation	caitlin.rogers@catawba.com
Diane Shields, Monacan Indian Nation Chief	tribaloffice@monacannation.com
Russell Townsend, Eastern Band of Cherokee Indians THPO	russtown@nc-cherokee.com
Stephen Yerka, Eastern Band of Cherokee Indians	syerka@nc-cherokee.com
Elizabeth Toombs, Cherokee Nation THPO	elizabeth-toombs@cherokee.org
Roger Cain, UKB THPO	rcain@ukb-nsn.gov
Dr. Savannah Waters, Muscogee (Creek) Nation THPO	section106@muscogeenation.com
Steve Vance, Cheynne River Sioux Tribe THPO	steve.vance@crst-nsn.gov
Wayne Adkins, Chickahominy Indian Tribe	wayne.adkins@chickahominytribe.org
Joanne Howard, Chickahominy Indian Tribe Eastern Division Chief	consultations@cit-ed.org
Katelyn Lucas, Delaware Nation THPO	klucas@delawarenation-nsn.gov
Martina Thomas, Delaware Tribe of Indians THPO	mthomas@delawaretribe.org
Lora Nuckolls, Eastern Shawnee Tribe of Oklahoma THPO	lnuckolls@estoo.net
Keith Anderson, Nansemond Indian Tribe Chief	chief@nansemond.gov
Nakia Kittrell, Nansemond Indian Tribe	nakia.kittrell@nansemond.gov
Dr. Ellen Chapman, Cultural Heritage Partners o/b/o Nansemond Indian Tribe	ellen@culturalheritagepartners.com
Kendall A. Stevens, Pamunkey Indian Tribe THPO	kendall.stevens@pamunkey.org
Anne Richardson, Rappahannock Indian Tribe Chief	arichardson@rappahannocktribe.org
Faye Fortune, Rappahannock Indian Tribal Secretary	ffortune@rappahannocktribe.org
Marion Werkheiser, Cultural Heritage Partners o/b/o Rappahannock Tribe	marion@culturalheritagepartners.com
Ione Quigley, Rosebud Sioux Tribe of Indians THPO	ione.quigley@rst-nsn.gov
Dante Desiderio, Sappony Tribe	nahyssan@gmail.com
Treyn Brewington, Sappony Tribe	terynemily@gmail.com
Bryan Printup, Tuscarora Nation THPO	bprintup@HETF.org
Jenna Macaulay, Tuscarora Nation	macaulay.jenna@gmail.com
Frank Adams, Upper Mattaponi Tribe Chief	admin@umitribe.gov
Paul Webb, TRC	pwebb@trccompanies.com
Heather Millis, TRC	pwebb@trccompanies.com

North Carolina Department of Natural and Cultural Resources

State Historic Preservation Office

Ramona M. Bartos, Administrator

Governor Josh Stein
Secretary Pamela B. Cashwell

Office of Archives and History
Deputy Secretary Darin J. Waters, Ph.D.

June 20, 2025

Debbie-Anne A. Reese
Federal Energy Regulatory Commission
888 First Street NE
Washington, DC 20426

Re: MVP Southgate Project, Construct Interstate Pipeline, FERC PF18-4, Rockingham County, NAO-2018-1574 (VMRC 25-0752), SAW-2018-00887, ER 18-1041

Dear Ms. Reese:

Thank you for your email of May 22, 2025, regarding the above-referenced undertaking. We have reviewed the submission and offer the following comments:

The Federal Energy Regulatory Commission (FERC) has notified our office that the scoping process to produce an Environmental Impact Statement (EIS) for the amended project as part of the National Environmental Policy Act (NEPA) has been initiated. The Area of Potential Effects (APE) has been systematically surveyed by TRC Environmental Corporation (TRC) to determine the presence or location of archaeological resources that may be eligible for listing in the National Register of Historic Places (NRHP). There are sixteen (16) previously recorded archaeological sites within the APE. Ten (10) archaeological sites have been determined to be not eligible for listing in the NRHP. No further work is recommended at these 10 sites. Five (5) archaeological sites remain unassessed for listing in the NRHP. One (1) archaeological site has been determined to be eligible for listing in the NRHP.

31RK262

- Site 31RK262 is a Late Archaic period site located on a terrace above Cascade Creek. A Phase I survey conducted by TRC indicated 31RK262. has been disturbed by agricultural activities and erosion, and exhibited low artifact densities, contains limited diagnostic artifacts, and provided no evidence of artifact concentrations or intact cultural features lacks. However, 31RK262 has the potential to extend outside of the APE. As a result, the portion within the APE has been determined to be not eligible for listing in the NRHP, but the overall site remains unassessed.
- No further work is recommended at this site for the project as currently proposed. Should the construction limits change and unassessed portions of 31RK265 are impacted, additional work should be conducted to assess the eligibility of the site.

31RK265

- Site 31RK265 is a precontact period site located on the floodplain of the Dan River. A Phase I survey conducted by TRC indicated 31RK265 has the potential to contain deeply buried cultural

deposits. However, due to the depth of the alluvium and the potential for deeply buried cultural deposits, TRC was unable to determine the research potential of the site. As a result, the entirety of 31RK265 remains unassessed for listing in the NRHP.

- No further work is recommended at this site for the project as currently proposed as the site was determined to be located outside of the construction workspace and will be avoided by project construction. Should the construction limits change and 31RK265 is no longer avoided by the project, additional work should be conducted to assess the eligibility of the site.

31RK44

- Site 31RK44 is a Woodland and historic period archaeological site situated on a rise overlooking the confluence of Cascade Creek and the Dan River. Previous excavations have documented a diverse and substantial artifact assemblage as well as the presence of human remains, and the site has the potential to contain information pertinent to prehistoric research questions. For this project, TRC conducted a Phase I survey which confirmed the presence of diagnostic artifacts from the Early to Late Woodland periods. Although no cultural features were identified, the shovel tests examined a very limited portion of the site but indicated that the site may contain intact buried soil horizons. In addition, the sites boundary extends beyond the project's temporary workspaces and access roads. As a result, the entirety of 31RK44 is considered unassessed for listing in the NRHP. The historic component does not appear to represent a significant resource.
- As currently designed, a narrow portion of site 31RK44 will be traversed by temporary access roads. A protection plan to avoid impacts to 31RK44 was submitted to our office. We concurred that the protection measures described in the plan will be sufficient to ensure that the site is not impacted by the proposed undertaking.

31RK217

- Site 31RK217 is a large Late Woodland period site situated on a floodplain on the south side of the Dan River. Phase II testing was conducted at 31RK217 which recovered a considerable number of Late Woodland artifacts from buried soil horizons. However, based on the results of the Phase II investigations, 31RK217 does not appear to contain significant or intact artifact deposits or cultural features within the project's APE. As a result, 31RK217 within the APE, is recommended not eligible for the NRHP. As 31RK217 extends outside the APE to the west and east, the NRHP eligibility of the remainder of this site is considered unassessed.
- As currently designed, the entire section of the floodplain containing site 31RK217 will be traversed by Horizontal Directional Drilling (HDD). Although it is unlikely there will be ground disturbance associated with the HDD or pipeline construction at site 31RK217, a protection plan to avoid impacts to 31RK217 was previously submitted to our office. We concurred that the protection measures described in the plan will be sufficient to ensure that the site is not impacted by the proposed undertaking

31RK299

- Site 31RK299 is a Late Woodland period site located on the floodplain of the Dan River. A Phase I survey was conducted at 31RK217 which recovered a low-density artifact scatter from buried soil horizons. Although no evidence of substantial artifact concentrations or intact cultural features was encountered, the survey was confined to the access road and likely only examined a very small portion of this site. As a result, the entirety of 31RK299 is considered unassessed for listing in the NRHP.
- As currently designed, a narrow portion of site 31RK299 will be traversed by a temporary access road. A protection plan to avoid impacts to 31RK299 was submitted to our office. We concurred

that the protection measures described in the plan will be sufficient to ensure that the site is not impacted by the proposed undertaking.

31RK222

- Site 31RK222 is a large Late Woodland and historic period archaeological site situated on a floodplain on the north side of the Dan River. Phase II testing was conducted at 31RK222 recovered a considerable number of Late Woodland artifacts from buried soil horizons. Due to density of cultural material, presence of diagnostic artifacts, and preservation of cultural deposits in buried contexts, the site appears to have to potential to yield substantive information regarding cultural chronology and prehistoric occupations of the region. The historic component does not represent a significant resource. As a result, 31RK222 is recommended eligible for the NRHP under Criterion D. It was recommended that the site be avoided and preserved in place.
- As currently designed, 31RK222 the entire section of the floodplain containing site 31RK222 will be traversed by HDD. Although it is unlikely there will be ground disturbance associated with the HDD or pipeline construction at site 31RK222, a protection plan to avoid impacts to 31RK222 was submitted to our office. We concurred that the protection measures described in the plan will be sufficient to ensure that the site is not impacted by the proposed undertaking

Although no additional archaeological work is recommended for this project as currently proposed, the project should follow the approved site protection plans submitted for 31RK44, 31RK217, 31RK299 and 31RK222. Should construction limits change, new project plans should be provided to our office for review and comment. Additional archaeological surveys may be recommended to assess the NRHP eligibility of archaeological sites 31RK262, 31RK265, 31RK44, 31RK217, and 31RK299. Should unanticipated discoveries occur during project construction, the Plan for Unanticipated Discoveries of Historic Properties and Human Remains for the MVP Southgate Project (revised September 2021) should be followed.

We look forward to reviewing the EIS when it is completed and continuing consultation with FERC, interested Tribal Nations, and other consulting parties as appropriate for this undertaking.

The modifications to the project route around mile marker 30.5 will have no adverse effect on above-ground historic properties as proposed.

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

Thank you for your cooperation and consideration. If you have questions concerning the above comment, contact Renee Gledhill-Earley, environmental review coordinator, at 919-814-6579 or environmental.review@dncr.nc.gov. In all future communication concerning this project, please cite the above referenced tracking number.

Sincerely,

Renee Gledhill-Earley

for Ramona Bartos, Deputy
State Historic Preservation Officer

cc:

Lindsay Ferrante, USACE	lindsay.f.ferrante@usace.army.mil
Paul Friedman, FERC	paul.friedman@ferc.gov
Dr. Wenonah G. Haire, Catawba Indian Nation THPO	wenonahh@ccppcrafts.com
Caitlin Rodgers, Catawba Indian Nation	caitlin.rogers@catawba.com
Diane Shields, Monacan Indian Nation Chief	tribaloffice@monacannation.com
Russell Townsend, Eastern Band of Cherokee Indians THPO	russtown@nc-cherokee.com
Stephen Yerka, Eastern Band of Cherokee Indians	syerka@nc-cherokee.com
Elizabeth Toombs, Cherokee Nation THPO	elizabeth-toombs@cherokee.org
Roger Cain, UKB THPO	rcain@ukb-nsn.gov
Dr. Savannah Waters, Muscogee (Creek) Nation THPO	section106@muscogeenation.com
Steve Vance, Cheynne River Sioux Tribe THPO	steve.vance@crst-nsn.gov
Wayne Adkins, Chickahominy Indian Tribe	wayne.adkins@chickahominytribe.org
Joanne Howard, Chickahominy Indian Tribe Eastern Division Chief	consultations@cit-ed.org
Katelyn Lucas, Delaware Nation THPO	klucas@delawarenation-nsn.gov
Martina Thomas, Delaware Tribe of Indians THPO	mthomas@delawaretribe.org
Lora Nuckolls, Eastern Shawnee Tribe of Oklahoma THPO	lnuckolls@estoo.net
Keith Anderson, Nansemond Indian Tribe Chief	chief@nansemond.gov
Nakia Kittrell, Nansemond Indian Tribe	nakia.kittrell@nansemond.gov
Dr. Ellen Chapman, Cultural Heritage Partners o/b/o Nansemond Indian Tribe	ellen@culturalheritagepartners.com
Kendall A. Stevens, Pamunkey Indian Tribe THPO	kendall.stevens@pamunkey.org
Anne Richardson, Rappahannock Indian Tribe Chief	arichardson@rappahannocktribe.org
Faye Fortune, Rappahannock Indian Tribal Secretary	ffortune@rappahannocktribe.org
Marion Werkheiser, Cultural Heritage Partners o/b/o Rappahannock Tribe	marion@culturalheritagepartners.com
Ione Quigley, Rosebud Sioux Tribe of Indians THPO	ione.quigley@rst-nsn.gov
Dante Desiderio, Sappony Tribe	nahyssan@gmail.com
Treyn Brewington, Sappony Tribe	terynemily@gmail.com
Bryan Printup, Tuscarora Nation THPO	bprintup@HETF.org
Jenna Macaulay, Tuscarora Nation	macaulay.jenna@gmail.com
Frank Adams, Upper Mattaponi Tribe Chief	admin@umitribe.gov
Paul Webb, TRC	pwebb@trccompanies.com
Heather Millis, TRC	hmillis@trccompanies.com

Other North Carolina State Agencies

TELEPHONE /PERSONAL CONVERSATION REPORT

PROJECT NAME:	MVP Southgate Pipeline Project
MVP TEAM CALLER:	Sam Weaver
CONVERSATION WITH:	
AGENCY:	N.C Forest Service Rockingham County Office
EMAIL ADDRESS:	
PHONE NUMBER:	336-634-3021
SUBJECT:	Information request for Projects in HUC-12 watersheds associated with MVP Southgate Projects
DATE AND TIME:	November 12, 2024 15:20

SUMMARY OF CONVERSATION:

SW: We are pulling together a Cumulative Impacts Analysis for a Individual permit Application for a pipeline project that runs through Rockingham County. For this CIA, we need information on Projects in three HUC-12 watersheds; Cascade Creek, Trotters Creek- Dan River, and Sandy Creek – Dan River. I am calling to request information on current or planned licensed Timbering operations within these watersheds.

I would be happy to send the watershed boundaries and Project information in an email if that would be useful. If there are any publicly available resources, I am happy to consult those as well if you can point me to them. We have a pretty quick turnaround on this, so any help is greatly appreciated.

NCFS:

SW: Do you have an estimate of how long it will take to process that request?

NCFS: Zach Jones, county ranger for… Zachary.jones@NCAGR.gov

Nancy Black wood called from NCDEQ on 11/13/2024. NCDEQ doesn't know of any active logging jobs in any of those HIC-12s. Bur unlike Virginia, loggers and contractors don't have mandatory notification law. Doesn't mean for sure, but to her knowledge, there are no logging operations occurring in the NC portions of those watersheds.

Outlook

NRCS Prime Farmland Conversion Coordination Request

From Markowitz, Evan J <ejmarkowitz@burnsmcd.com>
Date Mon 2025-07-14 3:16 PM
To Matthew.Wells@USDA.gov <Matthew.Wells@USDA.gov>
Cc Heller Leib, Abigail (Abby) <ahellerleib@burnsmcd.com>

1 attachment (2 MB)
ProjectOverviewMap_MVPSouthgate.pdf;

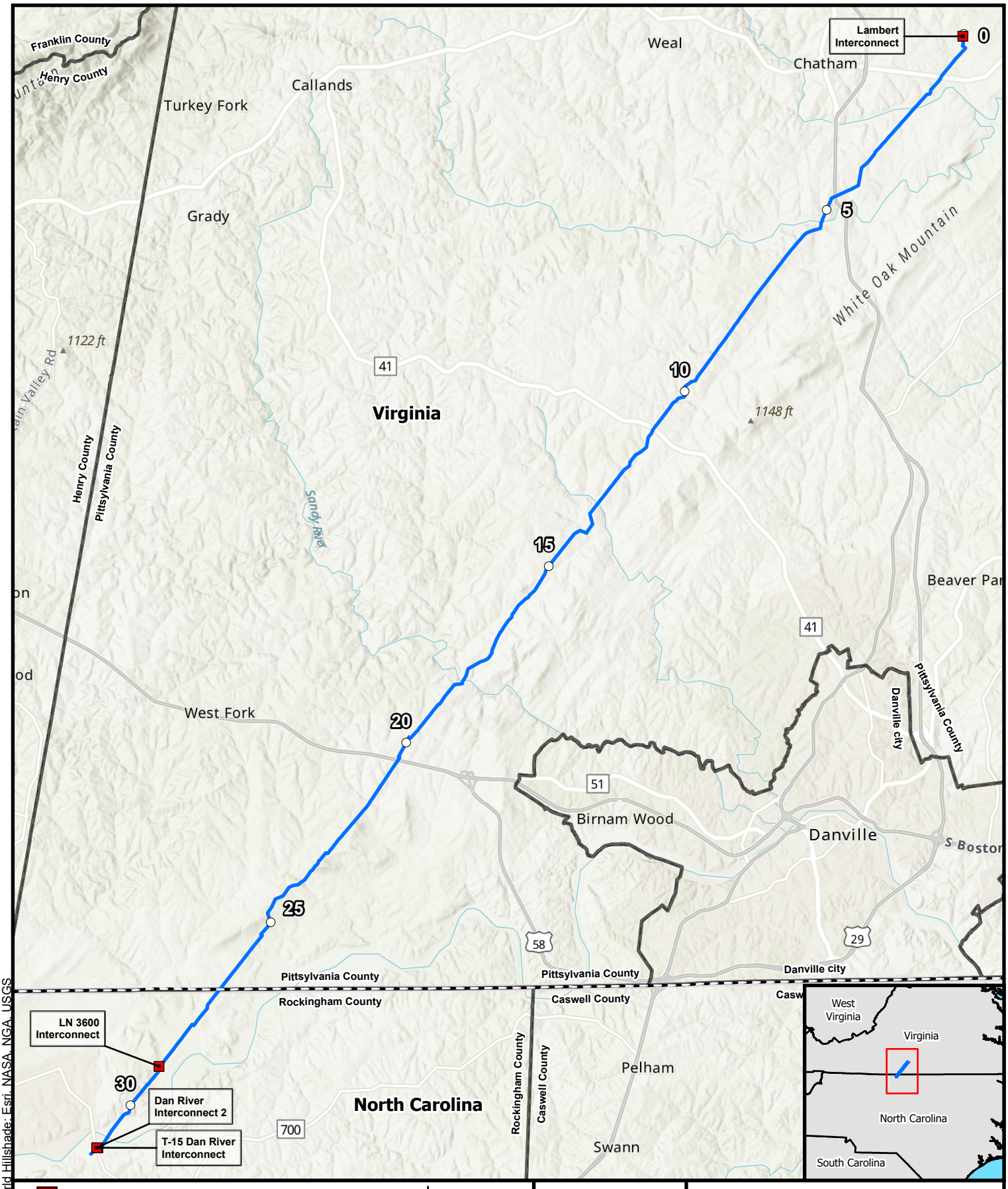
Matthew Wells,

Mountain Valley Pipeline, LLC (Mountain Valley) is seeking to amend its Certificate of Public Convenience and Necessity from the Federal Energy Regulatory Commission (FERC) pursuant to Section 7(c) of the Natural Gas Act to construct and operate the MVP Southgate Amendment Project (Amendment Project). The Certificate was issued in June 2020 under Docket No. CP19-14-000 and the certificated project was subsequently put on hold. Revisions to the certificated project have been incorporated into the Amendment Project, including reducing the pipeline length and eliminating the planned compressor station in North Carolina . Mountain Valley is reinitiating agency consultation as part of its FERC Amendment Application (Docket No. CP25-60-000) and applications for regulatory permits from federal and state agencies. FERC requested that Mountain Valley coordinate with the local U.S. Department of Agriculture (USDA) Natural Resource Conservation Service (NRCS) regarding conversion of prime and farmland of statewide importance. The revised Amendment Project scope and information regarding prime and farmland of statewide importance within the North Carolina portion of the Amendment Project is provided below.

The Amendment Project will consist of approximately 31.3 mile, 30-inch-diameter natural gas pipeline initiating in Pittsylvania County, Virginia to Rockingham County, North Carolina. The first approximately 26.3 miles of pipeline would be constructed in Virginia and the remaining five miles in North Carolina. Mountain Valley also proposes to construct one interconnection facility in Virginia and three interconnection facilities in North Carolina as part of the Amendment Project. The construction of aboveground interconnection facilities in Rockingham County, North Carolina will result in the conversion of approximately 1.43 acres of land designed as prime farmland or farmland of statewide importance. An additional approximate 10.81 acres or prime farmland or farmland of statewide importance is proposed to be impacted for temporary and permanent access roads within the Rockingham County, North Carolina portion of the Amendment Project. Please note that the majority of access roads proposed are temporary and follow existing roadways. The purpose of the Amendment Project is to provide timely, resilient, and cost-effective access to new natural gas supplies to meet the growing needs of natural gas users in the southeastern United States. An Amendment Project overview map is attached.

At this time, Mountain Valley is requesting the NRCS Reidsville Service Center provide comments and/or recommendations for the proposed conversion of prime farmland or farmland of statewide importance in North Carolina. FERC anticipates issuing the Environmental Assessment for the Amendment Project on October 3, 2025.

Thanks,
Evan Markowitz, MBA, PWS \ Burns & McDonnell
Project Manager \ Environmental Services
O 331-205-8911 \ **M** 312-215-3030
ejmarkowitz@burnsmcd.com \ burnsmcd.com
1431 Opus Place, Suite 400 \ Downers Grove, Illinois 60515


Lambert Interconnect
0
5
10
15
20
25
30
Franklin County
Henry County
Turkey Fork
Callands
Weal
Chatham
Grady
White Oak Mountain
1122 ft
1148 ft
41
Virginia
Henry County
Pittsylvania County
Sandy River
West Fork
Beaver Par
Danville city
Pittsylvania County
51
Birnam Wood
Danville
S Boston
58
29
Pittsylvania County
Rockingham County
Caswell County
Danville city
LN 3600 Interconnect
Dan River Interconnect 2
T-15 Dan River Interconnect
North Carolina
700
Rockingham County
Caswell County
Pelham
Swann
West Virginia
Virginia
North Carolina
South Carolina
Interconnects
Mileposts
Proposed Pipeline Route
County Boundary
State Boundary
NORTH
2 1 0 2
Scale in Miles
MVP SOUTHGATE
Project Overview Map
MVP Southgate
Pittsylvania and Rockingham Counties,
Virginia and North Carolina
Service Layer Credits: World Hillshade: Esri, NASA, NGA, USGS
Source: ESRI, USGS,
Issued: 7/15/2024

Local Government

November 25, 2024

Stephenie Adams
FOIA Officer
Pittsylvania County
1 Center Street
Chatham, VA 24531

RE: FOIA Request - Pittsylvania County

Dear Ms. Adams,

Pursuant to the Freedom of Information Act (FOIA), I am writing to request access to records maintained by Pittsylvania County related to permits and plans for residential and commercial projects within the county. Specifically, I am requesting copies of:

- Any permits and plans for new construction, renovation, or significant alterations for residential properties to take place between September 1, 2022, and 2030.
- Any permits and plans for new construction, renovation, or significant alterations for commercial properties to take place between September 1, 2022, and 2030.

If there are any fees associated with fulfilling this request, please inform us in advance of processing, and we will be happy to provide payment as required.

If any of the requested records are deemed exempt from disclosure, please provide a written explanation of the specific exemptions claimed. Additionally, if any records are not available, please provide a description of the nature of the records and any reasons for their unavailability. Please send the requested records electronically via email.

Please call at (872) 204-4581 or email at amzenone@burnsmcd.com, should you need any further information to process this request.

Sincerely,

Burns & McDonnell

Aubree Zenone
Aquatic Studies Project Manager
872-204-4581
amzenone@burnsmcd.com

November 25, 2024

Derek Southern
FOIA Officer
Rockingham County
371 North Caroline Highway 65
Reidsville, NC 27320

RE: FOIA Request - Rockingham County

Dear Mr. Southern,

Pursuant to the Freedom of Information Act (FOIA), I am writing to request access to records maintained by Rockingham County related to permits and plans for residential and commercial projects within the county. Specifically, I am requesting copies of:

- Any permits and plans for new construction, renovation, or significant alterations for residential properties to take place between September 1, 2022, and 2030.
- Any permits and plans for new construction, renovation, or significant alterations for commercial properties to take place between September 1, 2022, and 2030.

If there are any fees associated with fulfilling this request, please inform us in advance of processing, and we will be happy to provide payment as required.

If any of the requested records are deemed exempt from disclosure, please provide a written explanation of the specific exemptions claimed. Additionally, if any records are not available, please provide a description of the nature of the records and any reasons for their unavailability. Please send the requested records electronically via email.

Please call at (872) 204-4581 or email at amzenone@burnsmcd.com, should you need any further information to process this request.

Sincerely,

Burns & McDonnell

Aubree Zenone
Aquatic Studies Project Manager
872-204-4581
amzenone@burnsmcd.com

PITTSYLVANIA COUNTY, VIRGINIA

VA FOIA OFFICER
P.O. Box 426 • 1 Center Street
Chatham, Virginia 24531
Phone (434) 432-7720

November 27, 2024

VIA EMAIL (amzenone@burnsmcd.com)
Aubree Zenone
Burns & McDonnell
200 West Adams Street, Suite 2700
Chicago, Illinois 60606

Re: Virginia FOIA Request Response

Dear Ms. Zenone:

Pittsylvania County, Virginia ("County"), is in receipt of your November 26, 2024, email requesting records deemed to have been made in accordance with the Virginia Freedom of Information Act ("VA FOIA"); (Virginia Code §§ 2.2-3700 *et seq.*). This is a timely and legal response to your VA FOIA request. In said VA FOIA request, you requested the following: "**Any permits and plans for new construction, renovation, or significant alterations for residential properties to take place between September 1, 2022 and 2030. Any permits and plans for new construction, renovation, or significant alterations for commercial properties to take place between September 1, 2022 and 2030.**"

Respectfully, as you are from Illinois, the County will not produce said records, because VA FOIA provides rights to have access to public meetings and to inspect and copy public documents only to Virginia citizens and any non-resident representative of a newspaper, radio station, or television station that is circulated in or broadcasts in Virginia. *See* Virginia Code §§ 2.2-3700(B) and -3704(A).

Please contact me if you have any questions about anything contained herein.

Sincerely yours,

Stephenie Adams
VA FOIA Officer
Legal Assistant to County Attorney

Outlook

FOIA Request - Pittsylvania County - MVP Southgate Amendment Project

From Zenone, Aubree M <amzenone@burnsmcd.com>
Date Wed 2025-04-09 9:07 AM
To Dave.Arnold@pittgov.org <Dave.Arnold@pittgov.org>
Cc Royster, Maurice <maurice.royster@eqt.com>

1 attachment (135 KB)
LTR FOIA Request - Pittsylvania County_4.9.25.pdf;

Hi Dave,

Attached, on behalf of the MVP Southgate Amendment Project, please find a letter summarizing a Freedom of Information Act request for information on projects within Pittsylvania County. Please let me know if you have any questions or would require further information to complete this request.

Thank you!

Best regards,

Aubree Zenone
Aquatic Studies Project Manager \ Environmental Services
Burns & McDonnell
200 W. Adams, Suite 2700, Chicago, IL 60606
O +1 872-204-4581 | **E** amzenone@burnsmcd.com

TELEPHONE / PERSONAL CONVERSATION REPORT

PROJECT NAME:	MVP Southgate Amendment Project
MVP TEAM CALLER:	Aubree Zenone, Maurice Royster
CONVERSATION WITH:	
AGENCY:	Pittsylvania County – Dave Arnold, Emily Ragsdale
EMAIL ADDRESS:	Dave.Arnold@pittgov.org
PHONE NUMBER:	(434) 432-3583
SUBJECT:	FOIA Request – Pittsylvania County – MVP Southgate Amendment Project
DATE AND TIME:	Friday, April 11th, 2025 11:00 AM – 12:00 PM EST

SUMMARY OF CONVERSATION:

This meeting was set to discuss and outline the best approach for Pittsylvania County to provide information requested by the MVP Southgate Amendment Project in a timely fashion, and ensure clarity on requested information details.

1. The County does not have immediately available land disturbance information.
2. County will provide online resources for MVP Southgate to look through.
3. County can provide spreadsheet of every permit as requested.
    1. County can provide application package documentation for every permit within that spreadsheet.
    2. MVP Southgate will need to dig through the permit packages to find the LOD for further analyses.
    3. Beyond the scope of a FOIA request and County does not have mechanism to charge for these services.
4. Will be significant effort for the County, they will provide MVP Southgate with quote for costs before moving forward.
5. MVP Southgate are submitting the IP application and can provide this additional update to the Corps when available.
    1. County OK with 1-2 month timeline.
6. County will follow up next week with online resources and a cost for the FOIA request.

Contact Signature:

April 9, 2025

Dave Arnold
Assistant County Administrator
Pittsylvania County
1 Center Street
Chatham, VA 24531

RE: FOIA Request – Pittsylvania County

Dear Mr. Arnold,

Pursuant to the Freedom of Information Act (FOIA), I am writing on behalf of the MVP Southgate Amendment Project to request access to records maintained by Pittsylvania County related to permits and plans for residential and commercial projects within the county. Specifically, I am requesting copies of:

- Any permits and plans for new construction, renovation, or significant alterations for residential properties to take place between September 1, 2022, and December 31, 2030.
    a. This should include all projects with land disturbance of any size.
    b. This should include projects that have been approved from a land use perspective, but may not have had a land disturbance permit issued, as yet.
    c. Please provide information to include:
        i. Project Name
        ii. Project Location
        iii. Project Description
        iv. HUC-12 Watershed
        v. Permit Issue Date (if permit issued)
        vi. Land Disturbance
            1. Operational (Permanent) Disturbance
            2. Construction (Temporary) Disturbance
        vii. Wetland Disturbance
            1. Operational (Permanent) Disturbance
            2. Construction (Temporary) Disturbance
        viii. Stream Disturbance
            1. Operational (Permanent) Linear Footage
            2. Construction (Temporary) Linear Footage

- Any permits and plans for new construction, renovation, or significant alterations for commercial and industrial properties to take place between September 1, 2022, and December 31, 2030.
    a. This should include all projects with land disturbance of any size.
    b. This should include projects that have been approved from a land use perspective, but may not have had a land disturbance permit issued, as yet.

c. Please provide information to include:
    i. Project Name
    ii. Project Location
    iii. Project Description
    iv. HUC-12 Watershed
    v. Permit Issue Date (if permit issued)
    vi. Land Disturbance
        1. Operational (Permanent) Disturbance
        2. Construction (Temporary) Disturbance
    vii. Wetland Disturbance
        1. Operational (Permanent) Disturbance
        2. Construction (Temporary) Disturbance
    viii. Stream Disturbance
        1. Operational (Permanent) Linear Footage
        2. Construction (Temporary) Linear Footage

It may be best if this information was summarized in a spreadsheet for ease of reference.

If there are any fees associated with fulfilling this request, please inform us in advance of processing, and we will be happy to provide payment as required.

If any of the requested records are deemed exempt from disclosure, please provide a written explanation of the specific exemptions claimed. Additionally, if any records are not available, please provide a description of the nature of the records and any reasons for their unavailability. Please send the requested records electronically via email.

Please call me at (872) 204-4581 or email me at amzenone@burnsmcd.com, should you need any further information to process this request.

Sincerely,

Burns & McDonnell Engineering Company, Inc.

Aubree Zenone
Aquatic Studies Project Manager
872-204-4581
amzenone@burnsmcd.com

PITTSYLVANIA COUNTY, VIRGINIA

COUNTY ATTORNEY
P.O. Box 426 • 1 Center Street
Chatham, Virginia 24531
Phone (434) 432-7720

April 25, 2025

VIA EMAIL (amzenone@burnsmcd.com)
Burns & McDonnell Engineering Company, Inc.
c/o Aubree Zenone
110 Franklin Road SE, Suite 700
Roanoke, Virginia 24011-2154

Re: Virginia FOIA Request Response/Cost Estimate

Greetings:

Pittsylvania County, Virginia (the "County"), is in receipt of your April 9, 2025, request. That request has been deemed to have been made in accordance with the Virginia Freedom of Information Act ("VA FOIA"); (Virginia Code §§ 2.2-3700 *et seq.*). This is a timely and legal response to your VA FOIA requests. In said VA FOIA requests, you requested the following:

"Any permits and plans for new construction, renovation, or significant alterations for residential properties and for commercial and industrial properties to take place between September 1, 2022, and December 31, 2030."

You have requested a cost estimate in advance of supplying your requested records. Pursuant to Virginia Code § 2.2-3704(F), the County can make a reasonable charge not to exceed its actual costs incurred in accessing, duplicating, supplying, or searching for the requested records. The estimated cost to respond to your VA FOIA request would be $1,180.00. Considering the nature of the request, it is estimated that this request will have a completion date of May 16, 2025. Although we are actively gathering the requested records, we would ask that the estimated costs be paid prior to the release of the records. At this time, the County's mandatory VA FOIA response time is tolled awaiting your response to these estimated costs.

Please contact me if you have any questions about anything contained herein.

Sincerely yours,

Heidi L. Jones
Pittsylvania County FOIA Officer

TELEPHONE /PERSONAL CONVERSATION REPORT

PROJECT NAME:	MVP Southgate Amendment Project
MVP TEAM CALLER:	Aubree Zenone, Shawn Day
CONVERSATION WITH:	
AGENCY:	Rockingham County – Derek Southern
EMAIL ADDRESS:	dsouthern@rockinghamcountync.gov
PHONE NUMBER:	
SUBJECT:	FOIA Request – Rockingham County – MVP Southgate Amendment Project
DATE AND TIME:	Tuesday, May 6th, 2025 – 12:00 PM – 1:00 PM EST

SUMMARY OF CONVERSATION:

This meeting was set to discuss and outline the best approach for Rockingham County to provide information requested by the MVP Southgate Amendment Project in a timely fashion and ensure clarity on requested information details.

1. The County will send a spreadsheet of all Projects on record within the County
    a. MVP will need to differentiate separately, from this complete list, any Projects that lie within the relevant HUC watersheds
2. Most information provided by the County will just be points/locations
    a. The information provided will not include acreage impacts
3. Operational/Construction Impacts will only be available if there was a re-zoning request of a parcel
4. The County does not track wetland/surface water impacts and cannot provide this
    a. The information may be within project documentation/site plans
5. The County will look into whether or not they may be able to provide the original documentation
6. If there is a cost associated with this request, the County will provide an estimate
7. The County may be able to provide the spreadsheet by next week (w/b 5/12)
    a. Digital files may follow thereafter

Contact Signature:

Mountain Valley Pipeline, LLC
MVP Southgate Amendment Project
Docket No. CP25-60-000

Responses to FERC Office of Energy Projects Environmental Information Request 2
Dated June 25, 2025

ATTACHMENT 4-1 – NORTH CAROLINA STATE HISTORIC PRESERVATION OFFICE HISTORIC PROPERTY SURVEY SUMMARY FORMS FOR APPENDIX 4-G

North Carolina State Historic Preservation Office

Historic Property Survey Summary

County: **Rockingham**

SSN: **RK1862** Blockface#:

Quad: Southeast Eden
PIN: 156542
X: **Y:**

DOT Project #:
OSA#:

Update Mo: Yr:
☐No Alt ☐Alt ☐Det ☐Imprv
☐**Removed** ☐Outbldg Loss
☐No Acc. ☐Not Fnd ☐FileMsg
☑Newly ID'd ☐ Needs Resch.

Property Name: **GEORGE WALTER JOHNSON, JR.**

Street or 911 Address: **1221 Chumney Loop Road North side**

Location Description:

Town/vicinity: **Eden**

District: **None ()**

District Dates: NRdate: SLdate: DOEdate:

Local District:

☐ Recommended for SL ☐ StudyList SLDate: ☐ NR NRDate: NR # **None**
☐ DOE DOEDate:
DOE Type: Local Status: **None** Ownership: **Private**

Principal Resource Material Integrity: **Medium** Condition: **Deteriorated** Location Integrity: **Original**

Architectural Data: Date: **1937** Major Style Group: **Traditional/Vernacular**
Construction: **Unknown**
Ext. Material: **Unknown** Later Covering:
Height: **1-story** Roof: **Side gable** Plan: **No int access** Form/Type (Domestic):
Arch., Builder, or Design Source: **Not specified**

Major Theme Sec Theme:
Group Association: Religious Affiliation:
Historic Function: **Domestic - single dwelling**

Narrative Summary:

Summary: Located at 1221 Chumney Loop Road, in Eden, Rockingham County, RK1862 is a 1937 side-gabled house. Capped by a side-gabled roof, sheathed in asphalt shingles. An interior brick chimney rises from the north roof slope. A central front-gabled porch and siding of an unknown material is partially visible in a 2023 Google Streetview.

At the time of the field survey, the property was not accessible, and "No Trespassing" signs were posted at the road. The property appears to be abandoned and in an advanced state of deterioration. The façade was not visible due to overgrown foliage.

Outbuildings/Features

FeatureType	Construction	CircaDate	Condition	Contrib
Barn	Unknown	1930	Fair	

Approximately 82 yards northwest of RK1862 is ca. 1930s barn or structure. Capped by a front-gabled roof and surrounded by a flat or shed extension, the roof is sheathed in metal.

Actions

North Carolina State Historic Preservation Office

Historic Property Survey Summary

County: **Rockingham**

SSN: **RK1863** Blockface#:

Quad: Northeast Eden
PIN: 146729
X: **Y:**

DOT Project #:
OSA#:

Update Mo: Yr:
☐No Alt ☐Alt ☐Det ☐Imprv
☐**Removed** ☐Outbldg Loss
☐No Acc. ☐Not Fnd ☐FileMsg
☑Newly ID'd ☐ Needs Resch.

Property Name: **BARRY J. COCHRAN**

Street or 911 Address: **141 Cochrane Farm Trail East side**

Location Description:

Town/vicinity: **Eden**

District: **None ()**

District Dates: NRdate: SLdate: DOEdate:

Local District:

☐ Recommended for SL ☐ StudyList SLDate: ☐ NR NRDate: NR # **None**
☐ DOE DOEDate:
DOE Type: Local Status: **None** Ownership: **Private**

Principal Resource Material Integrity: **Medium** Condition: **Good** Location Integrity: **Original**

Architectural Data: Date: **1975** Major Style Group: **Ranch style**
Construction: **Light Frame**
Ext. Material: **Vinyl** Later Covering: **None**
Height: **1-story** Roof: **Side gable** Plan: **No int access** Form/Type (Domestic): **Ranch**
Arch., Builder, or Design Source: **Not specified**

Major Theme Sec Theme:
Group Association: Religious Affiliation:
Historic Function: **Domestic - single dwelling**

Narrative Summary:

Summary: Located at 141 Cochrane Farm Trail, RK1863 is a 1975 single story Ranch house with associated outbuildings. Capped by a side gabled roof, sheathed in asphalt shingles, the exterior is clad in vinyl siding and rests on a masonry foundation surrounded by field stone. The west-oriented façade is marked by a single-leaf metal paneled door, sheltered under a partial-width porch. The porch roof is a front-gable, sheathed in asphalt shingles with vinyl siding in the gable field. Vinyl-wrapped fluted columns support the roof over a raised concrete deck with concrete steps. Field stone surrounds the deck foundation. Fenestration along the façade is comprised of four-over-four and six-over-six vinyl sashes, each flanked by vinyl shutters. The south elevation is marked by three single four-over-four vinyl sash windows. The north elevation is marked by two four-over-four vinyl sash windows. The east elevation was not visible from the driveway or road.

Outbuildings/Features

FeatureType	Construction	CircaDate	Condition	Contrib
Well house		2005	Good	

Approximately 7 yards north of RK1863 is a ca. 2005 outbuilding. The building is capped by a front-gabled roof, sheathed in asphalt shingles and the exterior is constructed of concrete block, and rests on a poured concrete foundation. A metal paneled door marks the west-elevation. A rectangular addition extends on the north elevation. Capped by a shed roof, sheathed in asphalt shingles, the exterior is clad in vinyl siding and rests on a poured concrete foundation. A single garage bay opening marks the west elevation and is filled with an overhead metal door.

Other (specify in description)	Light Frame	2012	Good

Approximately 18 yards northeast of RK1863 is a ca. 2012 outbuilding. The building is capped by a side-gabled roof, sheathed in asphalt shingles, the exterior is clad in vinyl siding, and rests on continuous foundation. The west elevation is marked by dual leaf metal paneled doors flanked by two-over-two vinyl sash windows. A fixed window pierces the north elevation.

Carport (detached)	Unknown	2017	Good

Approximately 30 yards north of RK1863 is a ca. 2017 two-bay prefabricated metal carport. Capped by low gables, sheathed in metal, the structure is supported by metal poles.

Actions

North Carolina State Historic Preservation Office

Historic Property Survey Summary

County: **Rockingham**

SSN: **RK1864** Blockface#:

Quad: Northeast Eden
PIN: 112796
X: **Y:**

DOT Project #:
OSA#:

Update Mo: Yr:
☐No Alt ☐Alt ☐Det ☐Imprv
☐**Removed** ☐Outbldg Loss
☐No Acc. ☐Not Fnd ☐FileMsg
☑Newly ID'd ☐ Needs Resch.

Property Name: **FAYE NEWMAN WYATT**

Street or 911 Address: **1514 Main Street South side**

Location Description:

Town/vicinity: **Eden**

District: **None ()**

District Dates: NRdate: SLdate: DOEdate:

Local District:

☐ Recommended for SL ☐ StudyList SLDate: ☐ NR NRDate: NR # **None**
☐ DOE DOEDate:
DOE Type: Local Status: **None** Ownership: **Private**

Principal Resource Material Integrity: **High** Condition: **Good** Location Integrity: **Original**

Architectural Data: Date: **1971** Major Style Group: **Not Applicable**
Construction: **Loadbearing Masonry**
Ext. Material: **Concrete masonry units** Later Covering:
Height: **1-story** Roof: **Flat** Plan: **No int access** Form/Type (Domestic):
Arch., Builder, or Design Source: **Not specified**

Major Theme Sec Theme:
Group Association: Religious Affiliation:
Historic Function: **Other**

Narrative Summary:

Summary: Located at 1514 Main Street, RK1864 is a 1971 rectangular plan garage belonging to MCB Trucking. Capped by a flat roof with nine domed fiberglass skylights, the exterior is clad in concrete block, and rests on a poured concrete foundation. The south elevation is marked by two garage bays with metal overhead doors with three window openings in each. A single leaf metal door marks the west elevation.

Outbuildings/Features

Actions

North Carolina State Historic Preservation Office

Historic Property Survey Summary

County: **Rockingham**

SSN: **RK1865** Blockface#:

Quad: Northeast Eden
PIN: 112718
X: **Y:**

DOT Project #:
OSA#:

Update Mo: Yr:
☐No Alt ☐Alt ☐Det ☐Imprv
☐**Removed** ☐Outbldg Loss
☐No Acc. ☐Not Fnd ☐FileMsg
☑Newly ID'd ☐ Needs Resch.

Property Name: **JEREMY DANIEL JOHNSON**

Street or 911 Address: **1505 Main Street North side**

Location Description:

Town/vicinity: **Not specified**

District: **None ()**

District Dates: NRdate: SLdate: DOEdate:

Local District:

☐ Recommended for SL ☐ StudyList SLDate: ☐ NR NRDate: NR # **None**
☐ DOE DOEDate:
DOE Type: Local Status: **None** Ownership:

Principal Resource Material Integrity: **Low** Condition: **Fair** Location Integrity: **Original**

Architectural Data: Date: **Not specified** Major Style Group: **Not specified**
Construction: **Light Frame**
Ext. Material: **Vinyl** Later Covering:
Height: **1-story** Roof: **Front gable** Plan: **No int access** Form/Type (Domestic):
Arch., Builder, or Design Source: **Not specified**

Major Theme Sec Theme:
Group Association: Religious Affiliation:
Historic Function: **Domestic - single dwelling**

Narrative Summary:

Summary: Description: Located at 1505 Main Street, RK1865 is a 1931 front-gabled house. Capped by a front-gabled roof, sheathed in asphalt shingles, the exterior is clad in vinyl siding and rests on a continuous foundation surrounded by brick. An interior brick chimney rises from the east slope. The south-oriented façade is marked by a single-leaf wood door behind an aluminum storm door. The porch appears to have been a partial-width integrated porch that was enclosed, leave only a set of brick steps below the entrance. Two one-over-one vinyl sash windows pierce the south façade. A metal vent pierces the gable field. The east elevation is pierced by a one-over-one vinyl sash window and paired three-over-one wood sash windows. The west elevation is pierced by three one-over-one vinyl sashes. The north elevation was not visible from Main Street.

Outbuildings/Features

Actions

North Carolina State Historic Preservation Office

Historic Property Survey Summary

County: **Rockingham**

SSN: **RK1866** Blockface#:

Quad: Northeast Eden
PIN: 112720
X: **Y:**

DOT Project #:
OSA#:

Update Mo: Yr:
☐No Alt ☐Alt ☐Det ☐Imprv
☐**Removed** ☐Outbldg Loss
☑No Acc. ☐Not Fnd ☐FileMsg
☑Newly ID'd ☐ Needs Resch.

Property Name: **CARMINE GRAZIANI**

Street or 911 Address: **1619 MAIN Street North side**

Location Description:

Town/vicinity: **Not specified**

District: **None ()**

District Dates: NRdate: SLdate: DOEdate:

Local District:

☐ Recommended for SL ☐ StudyList SLDate: ☐ NR NRDate: NR # **None**
☐ DOE DOEDate:
DOE Type: Local Status: **None** Ownership:

Principal Resource Material Integrity: **Medium** Condition: **Fair** Location Integrity: **Original**

Architectural Data: Date: **Not specified** Major Style Group: **Not specified**
Construction: **Not specified**
Ext. Material: **Unknown** Later Covering: **Vinyl**
Height: **2-story** Roof: **Cross gable** Plan: **No int access** Form/Type (Domestic):
Arch., Builder, or Design Source: **Not specified**

Major Theme Sec Theme:
Group Association: Religious Affiliation:
Historic Function: **Domestic - single dwelling**

Narrative Summary:

Summary: Located at 1619 Main Street,, RK1866 is a late nineteenth to early twentieth century L-plan house. The property is gated, and the house sits approximately 97 yards northeast of Main Street, covered by dense foliage. Surveyors found the house is capped by a gabled roof, sheathed in corrugated metal. The exterior appears to have some exterior cladding of vinyl siding.

Outbuildings/Features

Actions

North Carolina State Historic Preservation Office

Historic Property Survey Summary

County: **Rockingham**

SSN: **RK1867** Blockface#:

Quad: Northeast Eden
PIN: 112777
X: **Y:**

DOT Project #:
OSA#:

Update Mo: Yr:
☐No Alt ☐Alt ☐Det ☐Imprv
☐**Removed** ☐Outbldg Loss
☐No Acc. ☐Not Fnd ☐FileMsg
☑Newly ID'd ☐ Needs Resch.

Property Name: **Stephen Stewart**

Street or 911 Address: **436 Main Street East side**

Location Description:

Town/vicinity: **Eden**

District: **None ()**

District Dates: NRdate: SLdate: DOEdate:

Local District:

☐ Recommended for SL ☐ StudyList SLDate: ☐ NR NRDate: NR # **None**
☐ DOE DOEDate:
DOE Type: Local Status: **None** Ownership: **Private**

Principal Resource Material Integrity: **Low** Condition: **Fair** Location Integrity: **Original**

Architectural Data: Date: **1936** Major Style Group: **Minimal Traditional**
Construction: **Not specified**
Ext. Material: **Vinyl** Later Covering:
Height: **1-story** Roof: **Side gable** Plan: **No int access** Form/Type (Domestic): **Minimal Tradition**
Arch., Builder, or Design Source: **Not specified**

Major Theme Sec Theme:
Group Association: Religious Affiliation:
Historic Function: **Domestic - single dwelling**

Narrative Summary:

Summary: Located at 436 Main Street, RK1867 is a 1936 Minimal Traditional house with modern addition. Capped by a side-gabled roof, sheathed in corrugated metal, the exterior is currently under construction, but sections of vinyl siding are visible along the roofline of the façade. The house rests on a continuous foundation, surrounded by brick. The east-oriented façade is marked by a single-leaf off-center metal door, sheltered under a partial-width porch. The porch roof is a half-hipped slope, sheathed in corrugated metal, supported by wood posts over a concrete deck. Two one-over-one vinyl sash windows flank the entrance, each with a pair of vinyl shutters. A single one-over-one vinyl sash window pierces the north and south elevations. A ca. 1950s rectangular plan addition stands on the east elevation. Capped by a gabled roof, sheathed in corrugated metal, the exterior is clad in wood siding, and rests on a continuous foundation surrounded by brick. The north elevation is pierced by two one-over-one vinyl sash windows. The south elevation is marked by a single leaf metal door, sheltered under an integrated, partial-width porch. The porch has a shed roof, supported by wood posts over a concrete deck. A single one-over-one vinyl sash window pierces the south elevation.

Outbuildings/Features

FeatureType	Construction	CircaDate	Condition	Contrib
Shed	Unknown	1990	Good	

Approximately 17 yards east of RK1867 is a ca. 1990 prefabricated metal shed. Capped by a front-gabled roof, sheathed in corrugated metal, the exterior is clad in metal. The west elevation is marked by dual leaf metal doors.

Shed	Light Frame	2003	Good

Approximately 19 yards southeast of RK1867 is a ca. 2003 outbuilding. Capped by a gabled roof, sheathed in metal, the exterior is clad in vinyl siding. A single-leaf wood door marks the west elevation. A rectangular plan addition stands on the north elevation and is capped by a flat roof, sheathed in metal and is clad in vinyl siding.

Carport (detached)	Steel Frame	2010	Good

Approximately nine yards east of RK1867 is a prefabricated metal carport. Oriented north to south, the carport is capped by a metal roof supported by a metal frame.

Actions

North Carolina State Historic Preservation Office

Historic Property Survey Summary

County: **Rockingham**

SSN: **RK1868** Blockface#:

Quad: Northeast Eden
PIN: 112697
X: **Y:**

DOT Project #:
OSA#:

Update Mo: Yr:
☐No Alt ☐Alt ☐Det ☐Imprv
☐**Removed** ☐Outbldg Loss
☐No Acc. ☐Not Fnd ☐FileMsg
☑Newly ID'd ☐ Needs Resch.

Property Name: **Stephen P. Stewart**

Street or 911 Address: **435 Main Street West side**

Location Description:

Town/vicinity: **Eden**

District: **None ()**

District Dates: NRdate: SLdate: DOEdate:

Local District:

☐ Recommended for SL ☐ StudyList SLDate: ☐ NR NRDate: NR # **None**
☐ DOE DOEDate:
DOE Type: Local Status: **None** Ownership: **Private**

Principal Resource Material Integrity: **Low** Condition: **Good** Location Integrity: **Original**

Architectural Data: Date: **Not specified** Major Style Group: **Ranch style**
Construction: **Light Frame**
Ext. Material: **Not specified** Later Covering:
Height: **1-story** Roof: **Side gable** Plan: **No int access** Form/Type (Domestic): **Ranch**
Arch., Builder, or Design Source: **Not specified**

Major Theme Sec Theme:
Group Association: Religious Affiliation:
Historic Function: **Domestic - single dwelling**

Narrative Summary:

Located at 435 Main Street, RK1868 is a 1955 rectangular plan house. Capped by a side-gabled roof, sheathed in asphalt shingles, the exterior is clad in vinyl siding and rests on a continuous foundation surrounded by brick. The east-oriented façade is marked by a single-leaf metal door with central glass pane, sheltered under a partial-width porch. The porch roof is a front-gabled slope, sheathed in asphalt shingles, and supported by wood posts and rails, over a raised concrete and brick deck. Fenestration along the façade consists of paired and single one-over-one metal sashes, each bay flanked by vinyl shutters. The north elevation was not visible from the street and the tree line covers most details. The south elevation is partially obscured by the carport but appears devoid of any opening save for an octagonal vent in the gable field.

Outbuildings/Features

FeatureType	Construction	CircaDate	Condition	Contrib
Other (specify in description)		1990		

Located approximately 20 yards west of RK1868 is a ca. 1990s inground pool.

Carport (detached)		2000	Good

A detached ca. 2000 metal carport stands immediately south of RK1868. The north, south, and west elevations are enclosed. The east elevaiton is open.

Actions

North Carolina State Historic Preservation Office

Historic Property Survey Summary

County: **Rockingham**

SSN: **RK1869** Blockface#:

Quad: Northeast Eden
PIN:
X: **Y:**

DOT Project #:
OSA#:

Update Mo: Yr:
☐No Alt ☐Alt ☐Det ☐Imprv
☐**Removed** ☐Outbldg Loss
☐No Acc. ☐Not Fnd ☐FileMsg
☑Newly ID'd ☐ Needs Resch.

Property Name: **Kenneth Powell**

Street or 911 Address: **432 Rose Street East side**

Location Description:

Town/vicinity: **Eden**

District: **None ()**

District Dates: NRdate: SLdate: DOEdate:

Local District:

☐ Recommended for SL ☐ StudyList SLDate: ☐ NR NRDate: NR # **None**
☐ DOE DOEDate:
DOE Type: Local Status: **None** Ownership: **Private**

Principal Resource Material Integrity: **Not specified** Condition: **Not specified** Location Integrity: **Original**

Architectural Data: Date: **1927** Major Style Group: **Not specified**
Construction: **Not specified**
Ext. Material: **Vinyl** Later Covering:
Height: **1 1/2-story** Roof: **Hip** Plan: **No int access** Form/Type (Domestic): **Bungalow**
Arch., Builder, or Design Source: **Not specified**

Major Theme Sec Theme:
Group Association: Religious Affiliation:
Historic Function: **Domestic - single dwelling**

Narrative Summary:

Located at 432 Rose Street, RK1869 is a 1927 one-and-one-half stories bungalow. Capped by a hipped roof, sheathed in asphalt shingles, the exterior is clad in vinyl siding and rests on a continuous foundation surrounded by brick. A hipped dormer projects from the west roof slope. The east-oriented façade is marked by a single leaf metal paneled door, sheltered under a full-width porch which wraps around to the north elevation. The porch roof is capped by a half-hipped roof, supported by dual wood posts on brick piers. Fenestration along the façade is comprised of one-over-one vinyl sashes, flanked by vinyl shutters. The south elevation is pierced by a one-over-one vinyl sash window flanked by vinyl shutters.

Outbuildings/Features

FeatureType	Construction	CircaDate	Condition	Contrib
Other (specify in description)	Unknown	1990	Fair	

Approximately 65 yards north of the RK1869 is a ca. 1990s rectangular plan outbuilding. Capped by a side-gabled roof, sheathed in corrugated metal, the exterior is clad in wood siding, and rests on a pier foundation. The south elevation is marked by a single leaf door and a small awning window pierces the south elevation. A metal awning hangs from the east elevation.

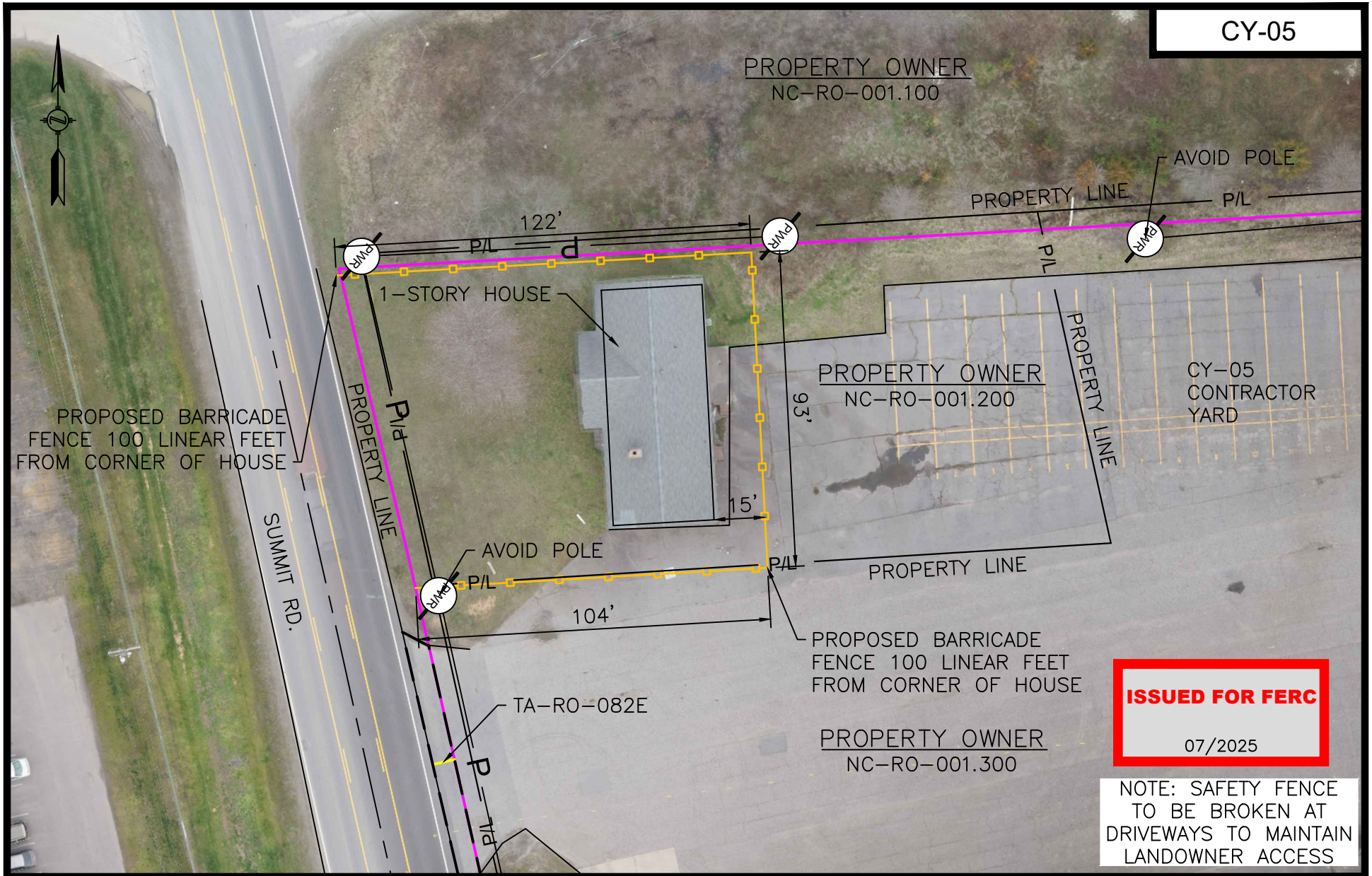
Actions

Mountain Valley Pipeline, LLC
MVP Southgate Amendment Project
Docket No. CP25-60-000

Responses to FERC Office of Energy Projects Environmental Information Request 2
Dated June 25, 2025

ATTACHMENT 8-1 – UPDATED SITE-SPECIFIC RESIDENTIAL CONSTRUCTION PLAN DRAWINGS (APPENDIX 8-D)

CY-05



TRC

Mountain Valley PIPELINE LLC

CONSTRUCTION DETAILS - RESIDENTIAL SITE SPECIFIC

MVP SOUTHGATE AMENDMENT PROJECT
PROPOSED H-650 PIPELINE
ROCKINGHAM COUNTY, NORTH CAROLINA

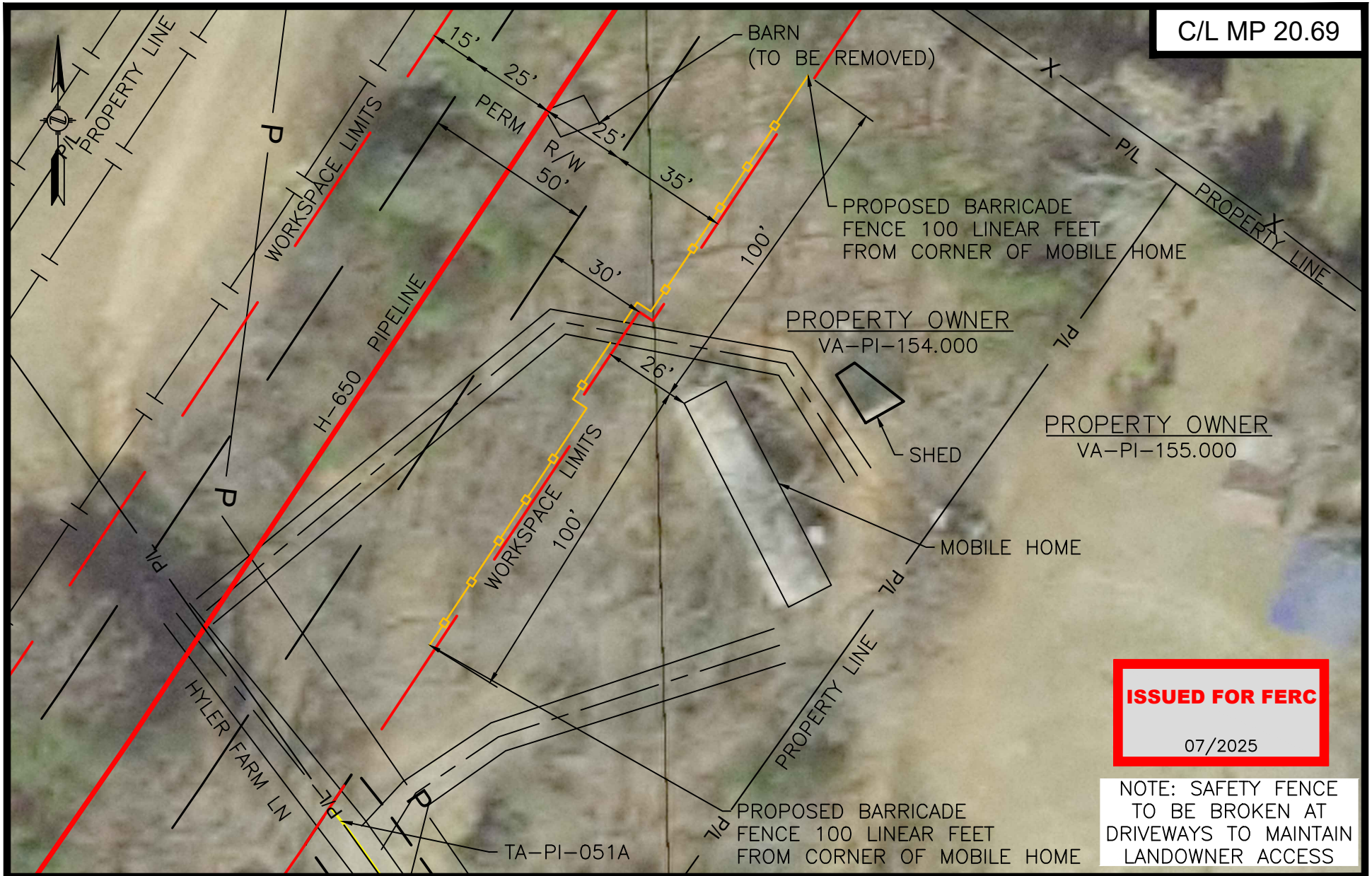
SHEET 1 OF 1

DRAWN BY:	TBH	10/08/18
DRAFTING CK:	SJO	10/19/18
ENVIRONMENTAL CK:		
ENGINEERING CK:	.	.
DETAIL SHEET:		

RSS-H650-003

SCALE: 1" = 40'	REV. P2
DATE OF PLOT: 7/10/2025 11:55 PM	

DRAWING NO.:



TRC

Mountain Valley PIPELINE LLC

CONSTRUCTION DETAILS - RESIDENTIAL SITE SPECIFIC

MVP SOUTHGATE AMENDMENT PROJECT
PROPOSED H-650 PIPELINE
PITTSYLVANIA COUNTY,VIRGINIA

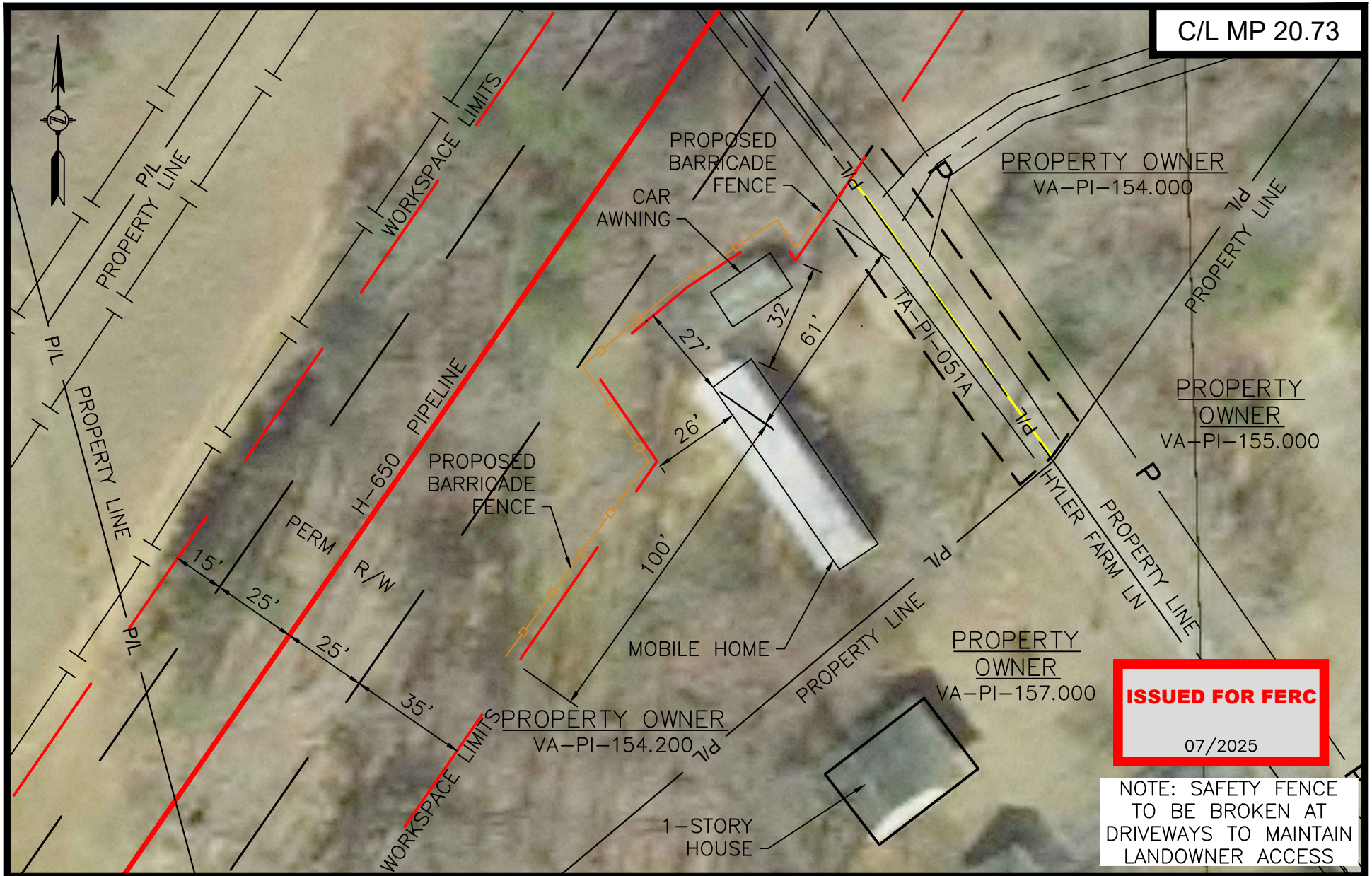
SHEET 1 OF 1

DRAWN BY: TBH	10/08/18
DRAFTING CK: SJO	10/19/18
ENVIRONMENTAL CK:	
ENGINEERING CK:	
DETAIL SHEET:	

RSS-H650-004

SCALE: 1" = 40'	REV. P2
DATE OF PLOT: 7/10/2025 11:56 PM	

DRAWING NO.:



TRC

Mountain Valley PIPELINE LLC

CONSTRUCTION DETAILS - RESIDENTIAL SITE SPECIFIC

MVP SOUTHGATE AMENDMENT PROJECT
PROPOSED H-650 PIPELINE
PITTSYLVANIA COUNTY, VIRGINIA

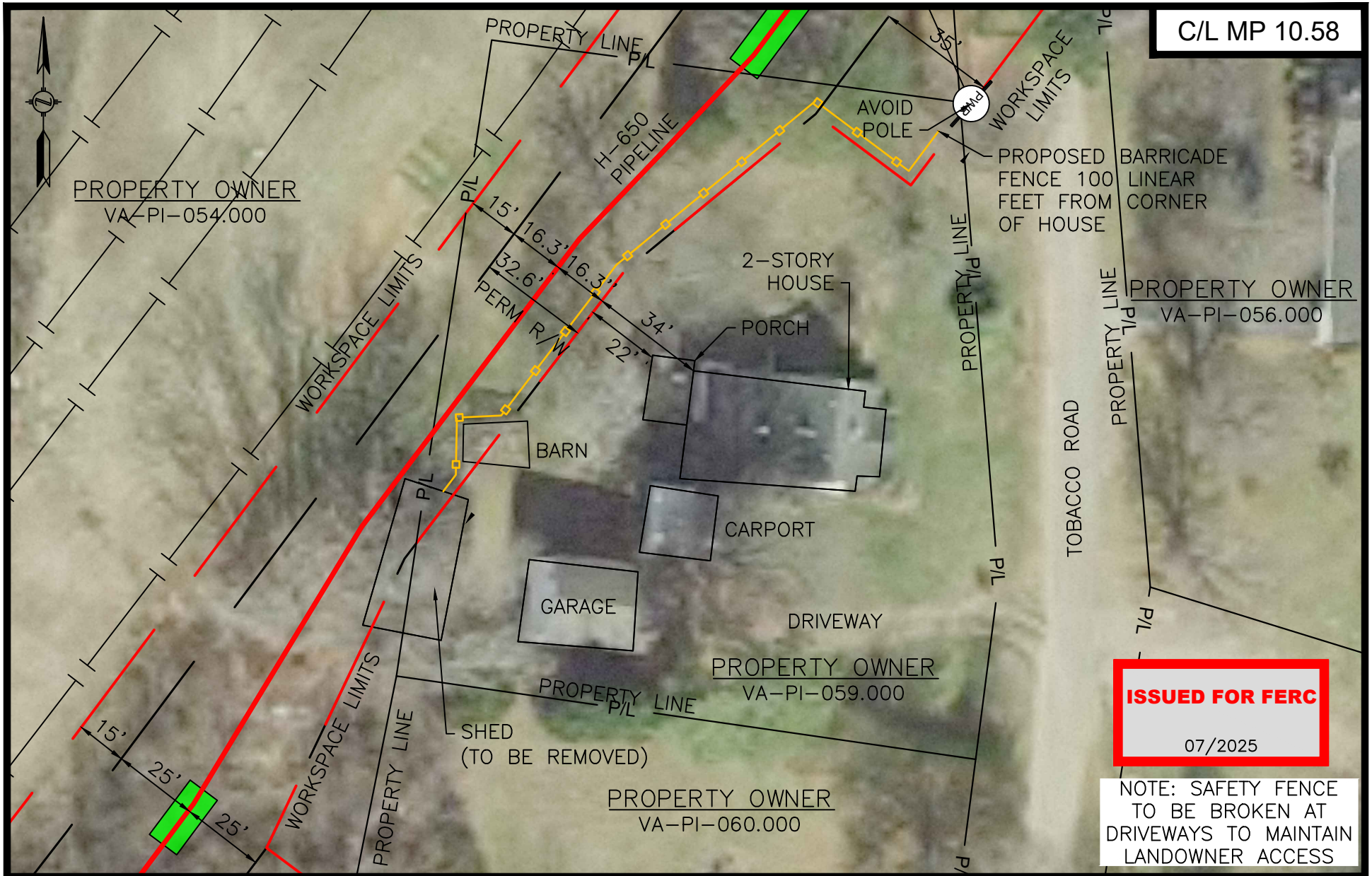
SHEET 1 OF 1

DRAWN BY: TBH	10/09/18
DRAFTING CK: SJO	10/19/18
ENVIRONMENTAL CK:	
ENGINEERING CK:	
DETAIL SHEET:	

RSS-H650-005

SCALE: 1" = 40'	REV. P2
DATE OF PLOT: 7/10/2025 11:56 PM	

DRAWING NO.:



TRC

Mountain Valley PIPELINE LLC

CONSTRUCTION DETAILS - RESIDENTIAL SITE SPECIFIC

MVP SOUTHGATE AMENDMENT PROJECT
PROPOSED H-650 PIPELINE
PITTSYLVANIA COUNTY, VIRGINIA

SHEET 1 OF 1

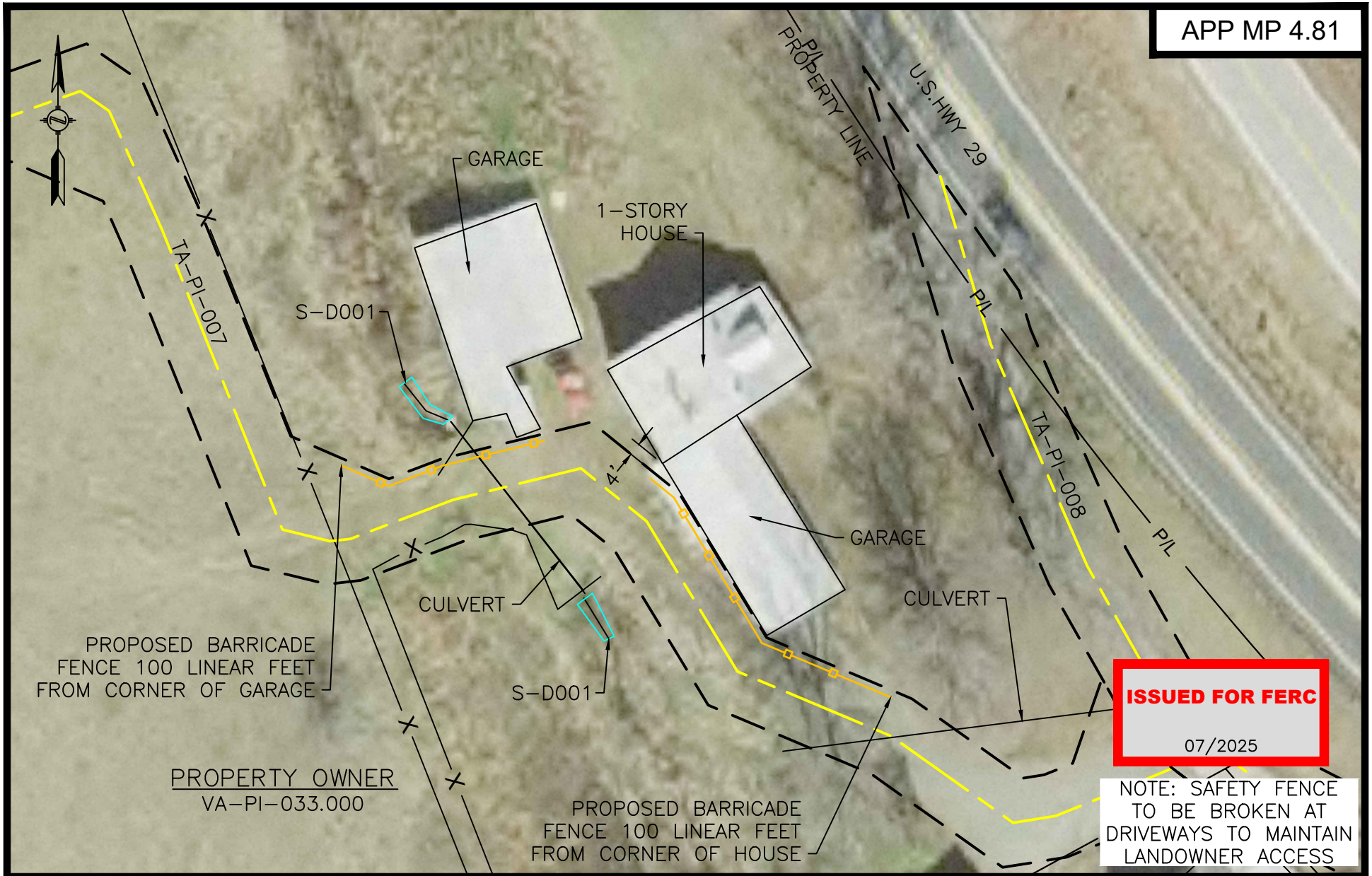
DRAWN BY:	TBH	10/17/18
DRAFTING CK:	SJO	10/22/18
ENVIRONMENTAL CK:		
ENGINEERING CK:	.	.
DETAIL SHEET:		

RSS-H650-016

SCALE: 1" = 40'	REV.P2
DATE OF PLOT: 7/10/2025 11:56 PM	

DRAWING NO.:

APP MP 4.81



TRC

Mountain Valley PIPELINE LLC

CONSTRUCTION DETAILS - RESIDENTIAL SITE SPECIFIC

MVP SOUTHGATE AMENDMENT PROJECT
PROPOSED H-650 PIPELINE
PITTSYLVANIA COUNTY,VIRGINIA

SHEET 1 OF 1

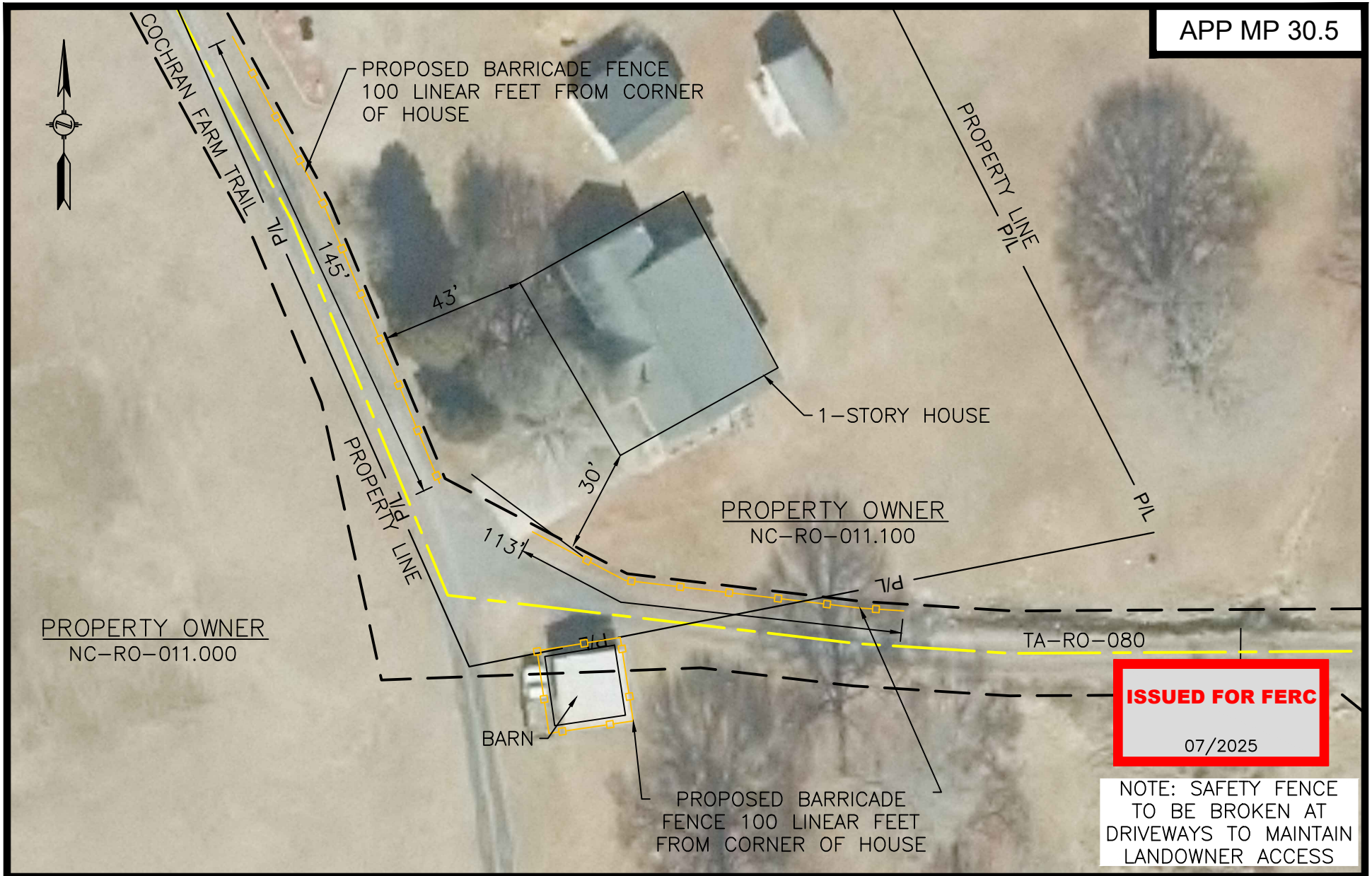
DRAWN BY:	SJS	03/19/19
DRAFTING CK:	DEM	03/20/19
ENVIRONMENTAL CK:		
ENGINEERING CK:	.	.
DETAIL SHEET:		

RSS-H650-024

SCALE: 1" = 40'	REV. P2
DATE OF PLOT: 7/10/2025 11:56 PM	

DRAWING NO.:

APP MP 30.5



TRC

Mountain Valley PIPELINE LLC

CONSTRUCTION DETAILS - RESIDENTIAL SITE SPECIFIC

MVP SOUTHGATE AMENDMENT PROJECT
PROPOSED H-650 PIPELINE
ROCKINGHAM COUNTY, NORTH CAROLINA

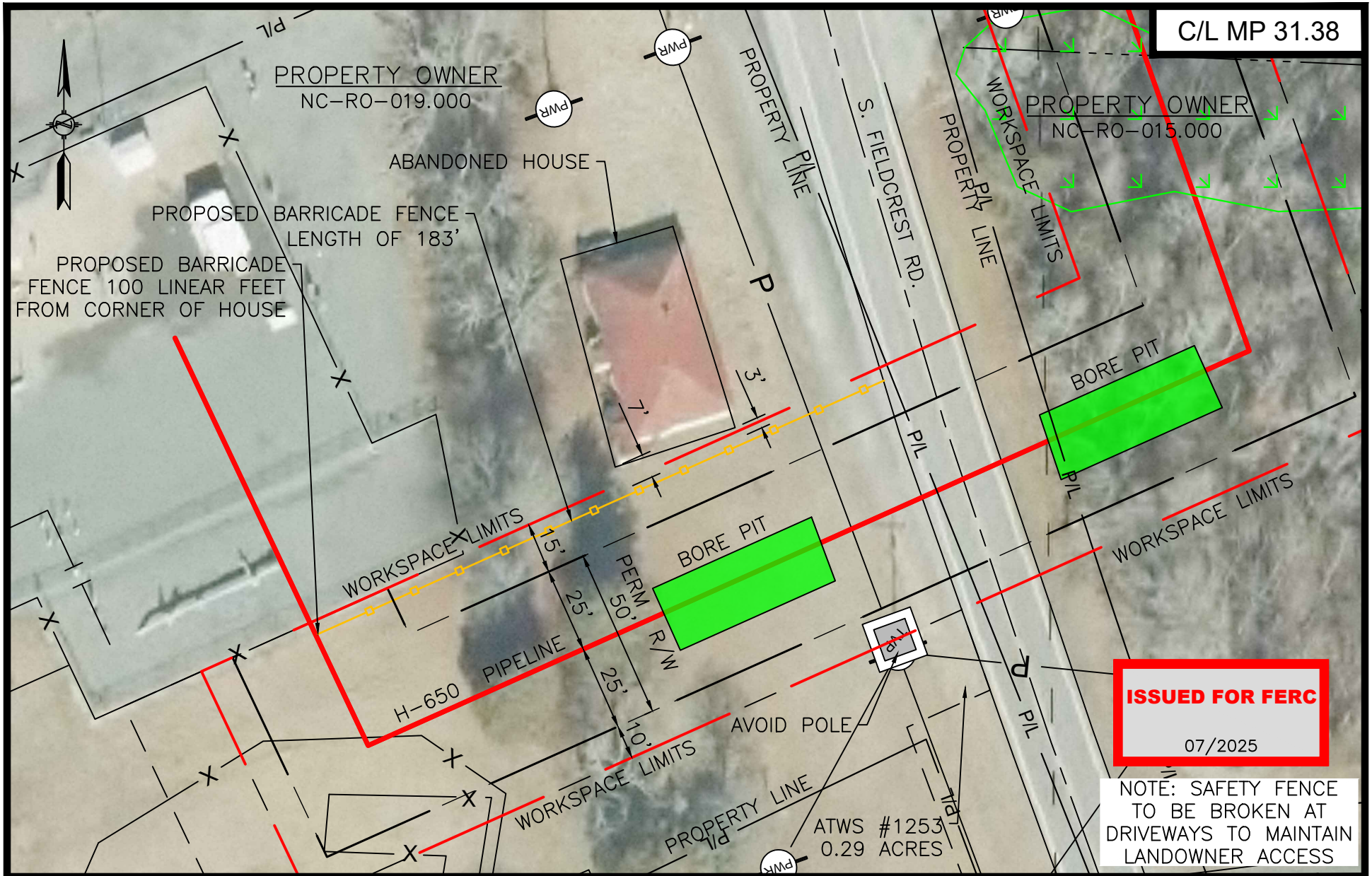
SHEET 1 OF 1

DRAWN BY: KMB	05/02/19
DRAFTING CK: SSL	05/03/19
ENVIRONMENTAL CK:	
ENGINEERING CK:	
DETAIL SHEET:	

RSS-H650-030

SCALE: 1" = 40'	REV. P2
DATE OF PLOT: 7/10/2025 11:56 PM	

DRAWING NO.:



TRC

Mountain Valley PIPELINE LLC

CONSTRUCTION DETAILS - RESIDENTIAL SITE SPECIFIC

MVP SOUTHGATE AMENDMENT PROJECT
PROPOSED H-650 PIPELINE
ROCKINGHAM COUNTY, NORTH CAROLINA

SHEET 1 OF 1

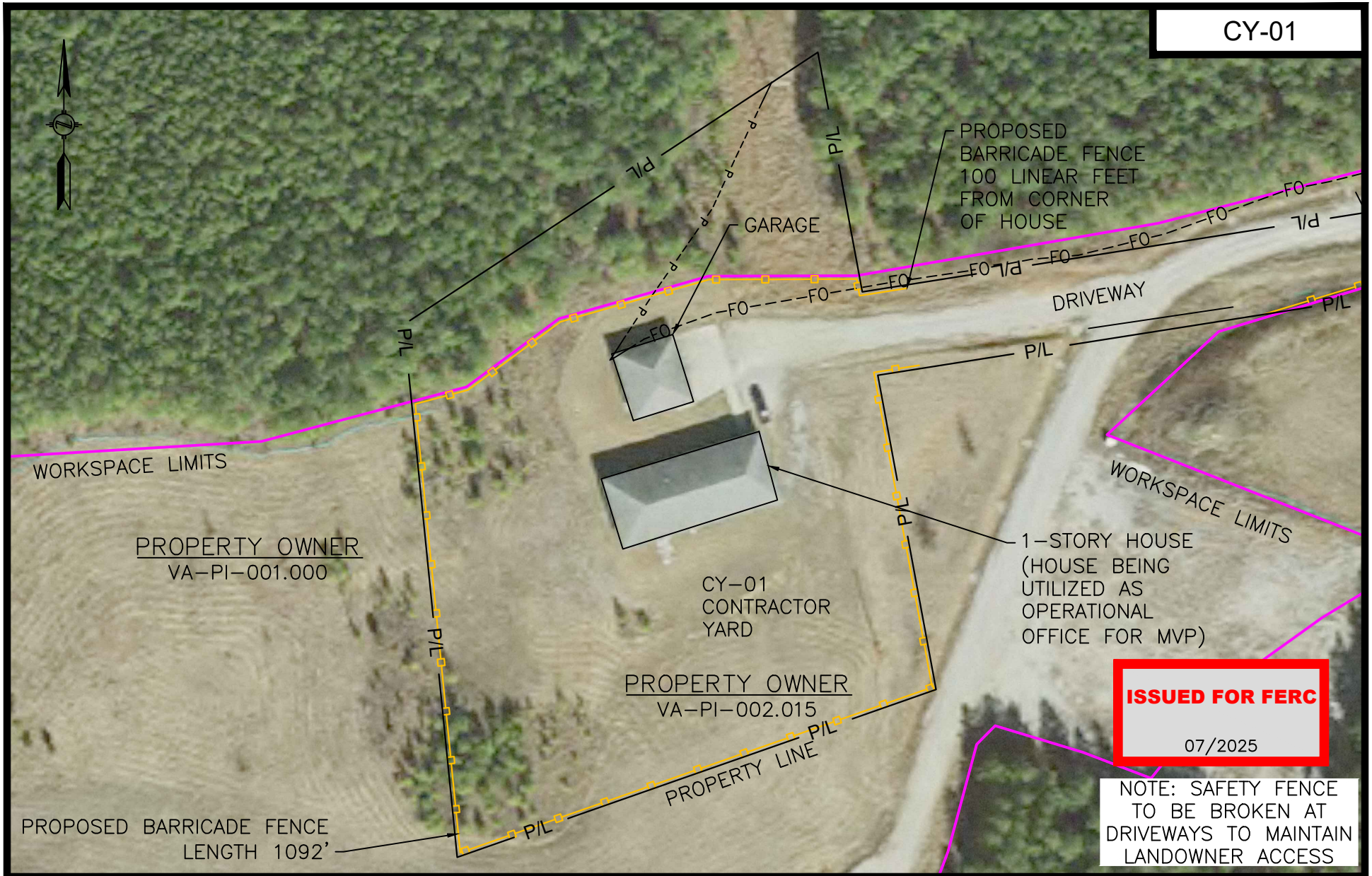
DRAWN BY: KMB	05/03/19
DRAFTING CK: SSL	05/07/19
ENVIRONMENTAL CK:	
ENGINEERING CK:	
DETAIL SHEET:	

RSS-H650-031

SCALE: 1" = 40'	REV. P2
DATE OF PLOT: 7/10/2025 11:56 PM	

DRAWING NO.:

CY-01



ISSUED FOR FERC

07/2025

NOTE: SAFETY FENCE TO BE BROKEN AT DRIVEWAYS TO MAINTAIN LANDOWNER ACCESS

TRC

Mountain Valley PIPELINE LLC

CONSTRUCTION DETAILS - RESIDENTIAL SITE SPECIFIC

MVP SOUTHGATE AMENDMENT PROJECT
PROPOSED H-650 PIPELINE
PITTSYLVANIA COUNTY, VIRGINIA

SHEET 1 OF 1

DRAWN BY: KMB	05/06/19
DRAFTING CK: SSL	05/07/19
ENVIRONMENTAL CK:	
ENGINEERING CK:	
DETAIL SHEET:	

RSS-H650-033

SCALE: 1" = 80'	REV. P2
DATE OF PLOT: 7/11/2025 12:07 AM	

DRAWING NO.:

APP MP 22.68

ISSUED FOR FERC

07/2025

NOTE: SAFETY FENCE TO BE BROKEN AT DRIVEWAYS TO MAINTAIN LANDOWNER ACCESS

TRC

Mountain Valley PIPELINE LLC

CONSTRUCTION DETAILS - RESIDENTIAL SITE SPECIFIC

MVP SOUTHGATE AMENDMENT PROJECT
PROPOSED H-650 PIPELINE
PITTSYLVANIA COUNTY, VIRGINIA

SHEET 1 OF 1

DRAWN BY: CCH	06/13/19
DRAFTING CK: DEM	09/16/19
ENVIRONMENTAL CK:	
ENGINEERING CK:	
DETAIL SHEET:	

RSS-H650-041

SCALE: 1" = 40'	REV. P2
DATE OF PLOT: 7/11/2025 12:08 AM	

DRAWING NO.:

TRC

Mountain Valley PIPELINE LLC

CONSTRUCTION DETAILS - RESIDENTIAL SITE SPECIFIC

MVP SOUTHGATE AMENDMENT PROJECT
PROPOSED H-650 PIPELINE
PITTSYLVANIA COUNTY,VIRGINIA

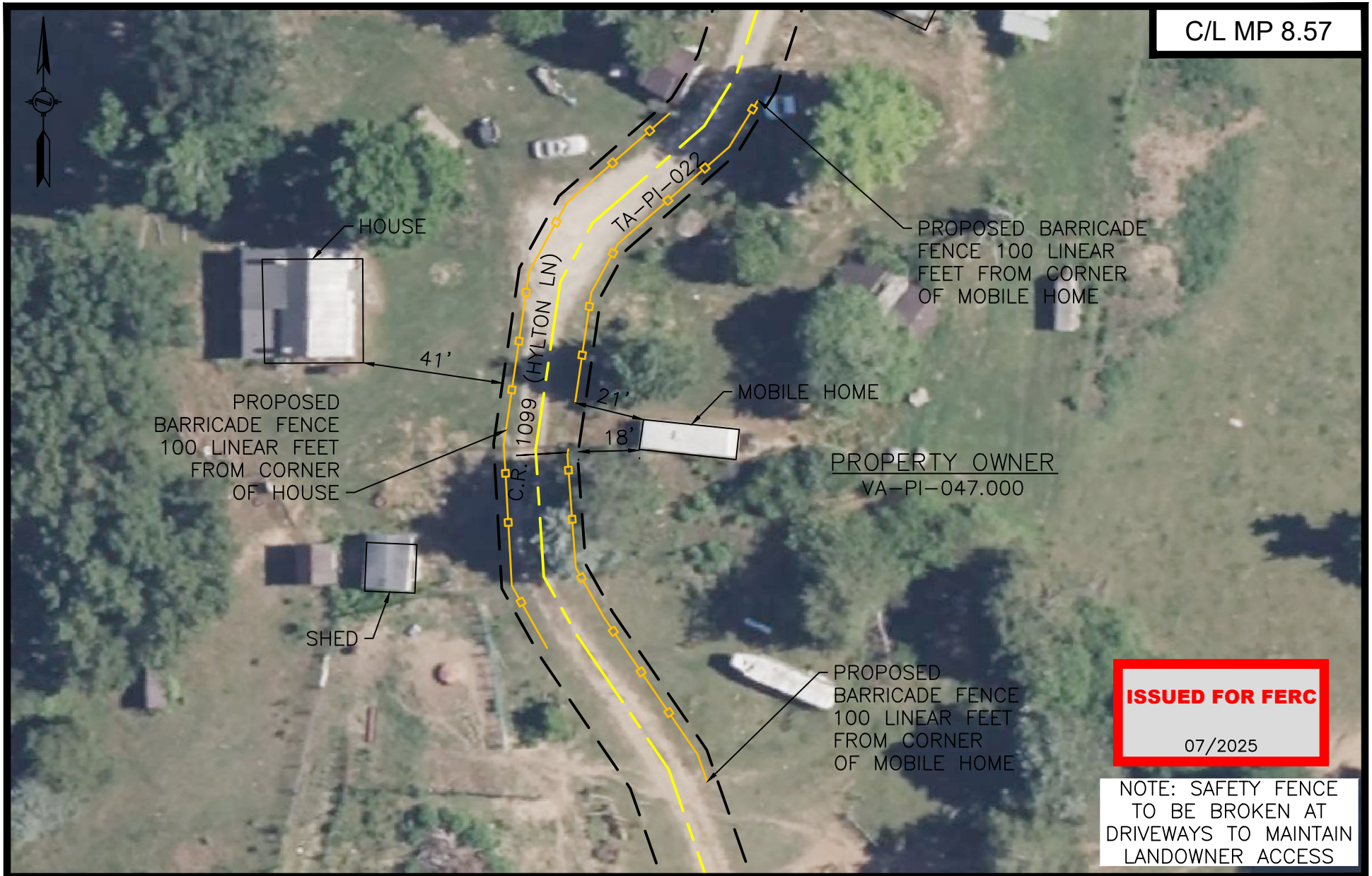
SHEET 1 OF 1

DRAWN BY: SJS	08/29/19
DRAFTING CK: DEM	09/16/19
ENVIRONMENTAL CK:	
ENGINEERING CK: .	.
DETAIL SHEET:	

RSS-H650-045

SCALE: 1" = 40'	REV. P2
DATE OF PLOT: 7/11/2025 12:08 AM	

DRAWING NO.:



TRC

Mountain Valley PIPELINE LLC

CONSTRUCTION DETAILS - RESIDENTIAL SITE SPECIFIC

MVP SOUTHGATE AMENDMENT PROJECT
PROPOSED H-650 PIPELINE
PITTSYLVANIA COUNTY, VIRGINIA

SHEET 1 OF 1

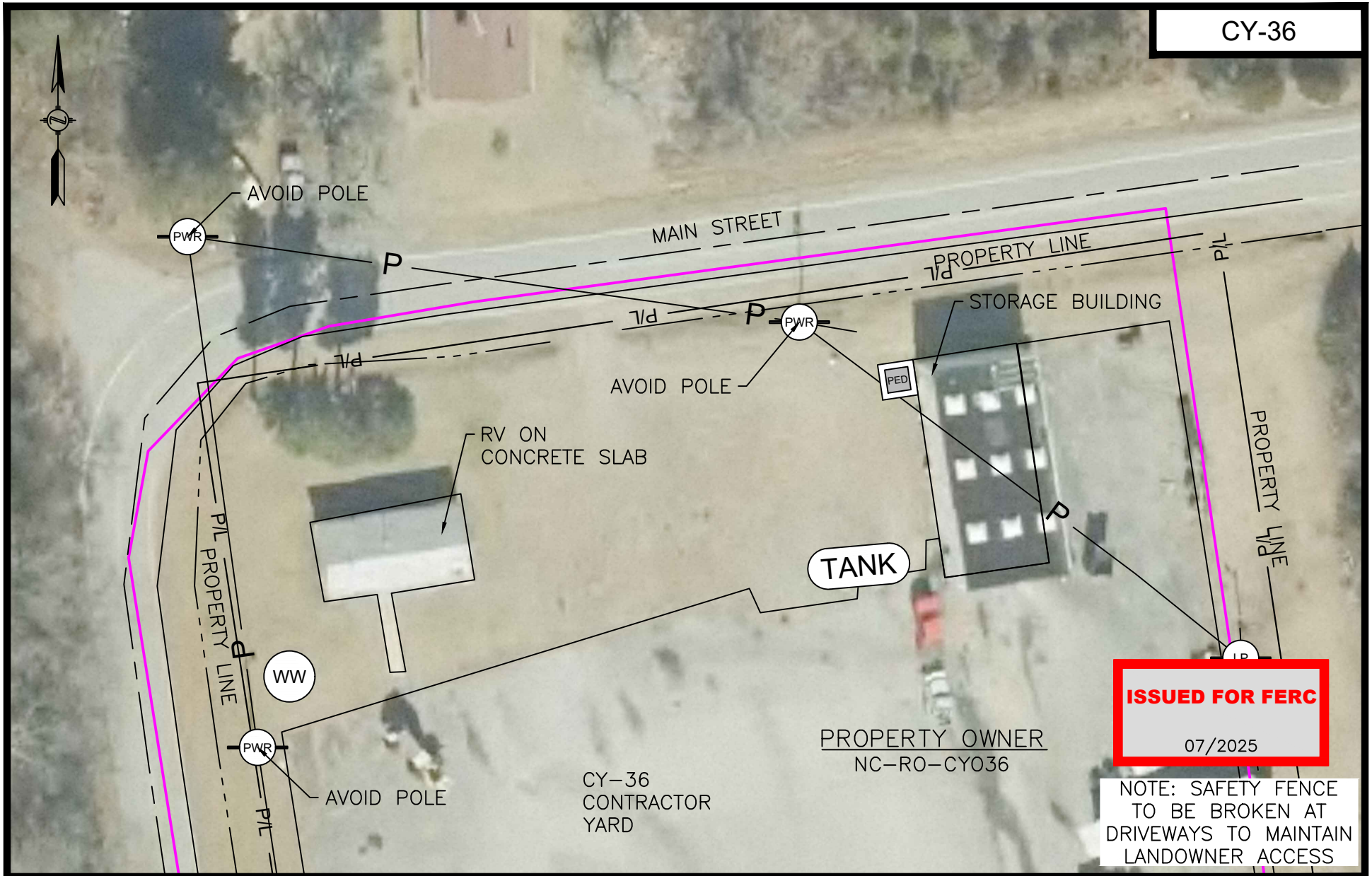
DRAWN BY:	AWF	12/11/24
DRAFTING CK:	MLT	12/11/24
ENVIRONMENTAL CK:		
ENGINEERING CK:	.	.
DETAIL SHEET:		

RSS-H650-046

SCALE: 1" = 40'	REV. P2
DATE OF PLOT: 7/11/2025 12:08 AM	

DRAWING NO.:

CY-36



TRC

Mountain Valley PIPELINE LLC

CONSTRUCTION DETAILS - RESIDENTIAL SITE SPECIFIC

MVP SOUTHGATE AMENDMENT PROJECT
PROPOSED H-650 PIPELINE
ROCKINGHAM COUNTY, NORTH CAROLINA

SHEET 1 OF 1

DRAWN BY:	TRC	12/19/24
DRAFTING CK:	HWK	12/19/24
ENVIRONMENTAL CK:		
ENGINEERING CK:	.	.
DETAIL SHEET:		

RSS-H650-047

SCALE: 1" = 40'	REV. P2
DATE OF PLOT: 7/11/2025 12:08 AM	

DRAWING NO.:

Docusign Envelope ID: 65680240-E211-433C-B894-9F4D3BA1097C

VERIFICATION

Pursuant to Rule 2005 of the Rules of Practice and Procedure of the Federal Energy Regulatory Commission ("Commission"), 18 C.F.R. § 385.2005, Cory Chalmers, being duly sworn, upon his oath says that he is Permitting Specialist III; that he has read and is familiar with the foregoing updated response to the Commission's June 25, 2025 data request; that the contents of the response are true and correct to the best of his knowledge, information and belief; and that he has full power and authority to prepare the response and execute this verification.

Signed by:
Cory Chalmers
046C5AF3616A444...

Cory Chalmers
Permitting Specialist III

Docusign Envelope ID: 9ADAC30D-E117-45CB-AE20-D0E5FCE1C071

VERIFICATION

Pursuant to Rule 2005 of the Rules of Practice and Procedure of the Federal Energy Regulatory Commission ("Commission"), 18 C.F.R. § 385.2005, James Sabol, being duly sworn, upon his oath says that he is Project Manager; that he has read and is familiar with the foregoing updated response to the Commission's June 25, 2025 data request; that the contents of the response are true and correct to the best of his knowledge, information and belief; and that he has full power and authority to prepare the response and execute this verification.

Signed by:
Jim Sabol
F5DBAA9D967B4D7...

James Sabol
Project Manager

Docusign Envelope ID: 030E7957-09CE-467A-AA40-D2BFCE6B3CDE

VERIFICATION

Pursuant to Rule 2005 of the Rules of Practice and Procedure of the Federal Energy Regulatory Commission ("Commission"), 18 C.F.R. § 385.2005, John Tessier, being duly sworn, upon his oath says that he is Environmental Services Manager; that he has read and is familiar with the foregoing updated response to the Commission's June 25, 2025 data request; that the contents of the response are true and correct to the best of his knowledge, information and belief; and that he has full power and authority to prepare the response and execute this verification.

Signed by:
John J Tessier
3755E3EFB7DA4EC...

John Tessier
Environmental Services Manager