



Commonwealth of Virginia

VIRGINIA DEPARTMENT OF ENVIRONMENTAL QUALITY

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Secretary of Natural and Historic Resources

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Director
(804) 698-4020

January 29, 2024

Mr. Cory Chalmers
Senior Environmental Coordinator
Equitrans Midstream Corporation
2200 Energy Drive
Canonsburg, PA 15317

Transmitted electronically: CChalmers@equitransmidstream.com

Re: Mountain Valley Pipeline, LLC
Request to Use Quicklime (1) Approval

Dear Mr. Chalmers:

The Virginia Department of Environmental Quality (DEQ) has reviewed Mountain Valley Pipeline, LLC's (MVP) request dated January 26, 2024, for a variance from Standard and Specification 3.03 Construction Road Stabilization (CRS) as listed in the Virginia Erosion and Sediment Control Handbook (VESCH). MVP is requesting the ability to use Quicklime, when necessary, on the Mountain Valley Pipeline project in Craig, Franklin, Giles, Montgomery, Pittsylvania, and Roanoke Counties. To access project work areas, it is necessary to cross and work in steep areas with saturated and slick clay soils. Quicklime will be used to create safe and stable working conditions in these areas. Other measures from the VESCH and the MVP AS&S, such as CRS (gravel) and Mat Stabilization (MS), cannot be practicably implemented due to the steep slopes and saturated soils.

DEQ hereby approves the Variance request with the conditions listed below:

- 1) Variance is only for use on the subject project.
- 2) Locations, typical details, planning considerations, and maintenance requirements should be included on the ESC plan sheets and be reviewed and approved by a DEQ-Certified Plan Reviewer prior to use.
- 3) Conditions where practice applies, planning considerations, and maintenance of this variance should be consistent with the VESCH 3.03 Construction Road Stabilization.

- 4) Control measures should be installed per the manufacturer's specifications.
- 5) Should this variance fail to effectively stabilize soils, MVP shall default back to the VESCH 3.03 Construction Road Stabilization specification or a control measure that meets the intent of the ESC Minimum Standards, and the areas will be stabilized in accordance with Minimum Standard 1.
- 6) Please include all manufacturer MSDS sheets, specifications, directions, and requirements in the onsite Stormwater Pollution Prevention Plan (SWPPP.)
- 7) Note on the SWPPP the locations where Quicklime is used and stored.
- 8) Immediately prior to and after application inspect and repair, as necessary, the erosion and sediment controls.
- 9) Quicklime may only be applied where the resulting stormwater is directed to an approved erosion and sediment control (e.g., sediment basin, perimeter control) before discharge.
- 10) Quicklime must be appropriately suited to the types of soils likely to be exposed during construction.
- 11) Quicklime must be applied at a rate no greater than 100lbs/CY and must be mixed thoroughly with saturated soils when applied.
- 12) Store all Quicklime in leakproof containers that are kept under storm-resistant cover and surrounded by secondary containment structures (e.g., spill berms, dikes, spill containment pallets), or provide equivalent measures designed and maintained to minimize the potential discharge of Quicklime in stormwater (e.g., storing chemicals in a covered area, having a spill kit available on site and ensuring personnel are available to respond expeditiously in the event of a leak or spill).
- 13) Quicklime shall not be stored or applied within 100' of aquatic resources.
- 14) Use Quicklime in accordance with good engineering practices, approved erosion and sediment removal design specifications and with approved dosing specifications provided by a Certified Soil Scientist.
- 15) Ensure all persons who handle and use Quicklime at the construction site are provided with appropriate, Quicklime-specific training prior to beginning application. Among other things, the training must cover proper dosing and mixing requirements.
- 16) Soil testing (minimum of four composite samples per right-of-way reach) shall be conducted for soils located within travel lanes that were treated with Quicklime. Soil test results and proposed reclamation amendments shall be submitted to DEQ for acceptance prior to application. DEQ is committed to reviewing proposed reclamation amendments within three business days of receipt.
- 17) DEQ-Certified Inspectors will ensure inspection, installation, and maintenance of all ESC measures.
- 18) Adjacent property and the environment shall be protected from erosion and sedimentation damage associated with the land-disturbing activity.

Approval of this variance does not relieve the owner and/or operator of complying with all other federal, state, or local laws and regulations. Please ensure that copies of this approval letter are made available to the public, inspection staff and field staff in accordance with the DEQ-approved MVP Annual Standards and Specifications.

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Please retain a copy of this approval letter and the original request within the project specific Stormwater Pollution Prevention Plan (SWPPP).

As provided by Rule 2A:2 of the Supreme Court of Virginia, you have thirty (30) days from the date you received this decision within which to appeal this decision by filing a notice of appeal in accordance with the Rules of the Supreme Court of Virginia with the Director, Virginia Department of Environmental Quality.

It is the responsibility of the owner and/or operator to ensure that the project is constructed in accordance with the approved Plans and accompanying specifications. Upon completion of the project, the owner and/or operator will be required to submit construction record drawings for all permanent stormwater management facilities (i.e., post-development best management practices) constructed in accordance with the approved Plans.

Please contact Mr. Larry Gavan at 804-965-3320 or Larry.Gavan@deq.virginia.gov if you have any questions about this letter.

Sincerely,



Kyle Kennedy, P.E
Manager
Office of Stormwater Management

Cc: John McCutcheon, DEQ-CO
Chantz Ballard, DEQ-CO
Larry Gavan, DEQ-CO
Justin Curtis, AquaLaw PLC, justin@aqualaw.com