



COMMONWEALTH of VIRGINIA

DEPARTMENT OF ENVIRONMENTAL QUALITY

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Secretary of Natural Resources

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Director

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May 19, 2017

Mr. Robert Bisha
Dominion Virginia Power
5000 Dominion Boulevard
Glen Allen, Virginia 23060

RE: Request for Information for Developing and Evaluating Additional Conditions for Section 401 Water Quality Certification for Interstate Natural Gas Infrastructure Project

Dear Mr. Bisha:

Pursuant to Department of Environmental Quality (Department) Water Division Guidance No. GM-17-2003 (copy enclosed), the Department is requesting information from the Atlantic Coast Pipeline (ACP) for the purpose of evaluating whether additional 401 certification conditions are necessary to ensure protection of water quality. The Department's comprehensive review will include all material elements of the project and proposed plans that pertain to potential water quality impacts from upland activities. In addition to the information requested below, the Department's review also will include any other relevant information submitted to the Department by ACP, such as the detailed, project specific plan sheets describing erosion and sedimentation control and stormwater requirements.

In your response, ACP is specifically to provide information as to actions ACP plans or proposes to implement to ensure that activities occurring in upland areas do not result in an indirect discharge to surface waters that cause or otherwise contribute to an exceedance of the Water Quality Standards.

Any additional certification conditions that may be developed will be separate from and in addition to any other requirements established by, or that can be imposed through, the Virginia Water Protection Permit Program and Clean Water Act § 404 permits for the protection of stream and wetland crossings and any other conditions imposed by the Federal Energy Regulatory Commission (FERC). To facilitate the Department's review, please provide the following additional information, if available:

- A complete listing of all types of project-related upland ground-disturbing activities that would occur within 50 feet of any perennial, intermittent, or ephemeral surface waters.
- Identification of all perennial surface waters within 50 feet of the limits of disturbance that are (a) designated as wild/stocked trout streams, (b) identified as endangered/threatened species waters, (c) designated for public water supply, (d) classified as Tier 3 streams, and/or (e) subject to an established total maximum daily load (TMDL) (identifying the pollutant of concern, including sediment, nutrients, or other).
- Permanent right-of-way maintenance measures relevant to minimizing erosion or other water quality impacts.
- A plan detailing measures to be used to protect water quality from acid forming materials.
- Protections to be employed to prevent any potential impacts associated with hydrostatic testing or dust control activities.
- A plan addressing how riparian buffers will be protected to the extent feasible during construction for additional protection of water quality.
- A Spill Prevention Control and Countermeasure (SPCC) Plan.
- Specific engineering and best management practices to be used in areas of steep slopes and slide prone areas.
- A Blasting Plan detailing measures to be used to protect water quality in connection with blasting activities.
- A Water Quality Monitoring Plan detailing measures to monitor potential impacts to water quality from upland ground-disturbing activities, including a discussion of (a) criteria to identify select critical areas for monitoring with consideration of wild/stocked trout streams, endangered/threatened species waters, public water supplies, TMDL watersheds, Tier 3 streams, or areas near acidic soils; (b) a proposed monitoring schedule (e.g., before, during and after construction activity); (c) chemical monitoring parameters (e.g., temperature, dissolved oxygen, specific conductance, pH, and turbidity) and biological monitoring using DEQ-approved methods; sample collection, handling and analytical QAQC procedures; and reporting procedures.
- A Karst Mitigation Plan including discussion of measures to (a) identify known karst features within areas of land disturbance activities for construction of a pipeline and related access roads and appurtenances; (b) minimize the potential for any impacts to surface waters including water supply sources; (c) evaluate subsurface flow paths; (d) propose monitoring activities during the period of construction; and (e) mitigation measures applicable in the event of any impacts.
- Description of onsite environmental monitoring and inspection measures to be implemented during construction.

Please don't hesitate to contact me if you have any questions or need additional clarification. I can be reached at (804) 698-4038 and melanie.davenport@deq.virginia.gov.

Very truly yours,



Melanie D. Davenport

Director, Water Permitting Division