



DEPARTMENT OF PERMITTING SERVICES

Marc Elrich  
County Executive

Hadi Mansouri  
Acting Director

January 28, 2020

Mr. Kevin Schiefer, P.E.  
RJM Engineering, Inc.  
6031 University Blvd., Suite 290  
Ellicott City, Maryland 21043

Re: **COMBINED PRELIMINARY AND FINAL  
WATER QUALITY PLAN/SITE  
DEVELOPMENT STORMWATER  
MANAGEMENT PLAN** for  
Good Hope Road Side Path  
Preliminary Plan #: N/A  
SM File #: 285258  
Tract Size/Zone: 3.04 acres/RE-1 (Roadway)  
Total Concept Area: 3.04 acres  
Lots/Block: N/A  
Parcel(s): N/A  
Watershed: Upper Rock Creek SPA

Dear Mr. Schiefer:

Based on a review by the Department of Permitting Services Review Staff, the stormwater management concept for the above-mentioned site is **acceptable**. The Preliminary/Final Water Quality Plan proposes to meet required stormwater management goals via bioswales, permeable pavement and a structural filtering device coupled with underground storage. This approval is for the elements of the Water Quality Plan of which DPS has lead agency responsibility and does not include limits on imperviousness or buffer encroachments.

The following items will need to be addressed during the detailed sediment control/stormwater management plan stage:

1. A detailed review of the stormwater management computations will occur at the time of detailed plan review.
2. A floodplain study will be required for the installation of the proposed prefabricated bridge.
3. Provide signage (at the beginning and end) for the proposed sections of permeable pavement to allow for proper maintenance.
4. It appears that the proposed bioswales need an inlet overflow structure to encourage filtration and provide a safe overflow for the 10-year storm.
5. The symbol for the proposed bioswales are shown under driveways in some locations. It's unclear what the intent was here or if these areas were included in the calculations for ESD storage volume however, bioswales are not allowed under paved areas (see additional comments on the plans that may assist you in the detailed design).



255 Rockville Pike, 2<sup>nd</sup> Floor, Rockville, Maryland 20850 | 240-777-0311  
[www.montgomerycountymd.gov/permittingervices](http://www.montgomerycountymd.gov/permittingervices)

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This list may not be all-inclusive and may change based on available information at the time.

The performance goals that were established at the pre-application meeting are to be met through the implementation of the Water Quality Plan. They are as follows:

1. Minimize storm flow run off increases.
2. Minimize increases to ambient water temperature.
3. Minimize sediment loading.

Payment of a stormwater management contribution in accordance with Section 2 of the Stormwater Management Regulation 4-90 **is not required**.

This letter must appear on the sediment control/stormwater management plan at its initial submittal. The concept approval is based on all stormwater management structures being located outside of the Public Utility Easement, the Public Improvement Easement, and the Public Right of Way unless specifically approved on the concept plan. Any divergence from the information provided to this office; or additional information received during the development process; or a change in an applicable Executive Regulation may constitute grounds to rescind or amend any approval actions taken, and to reevaluate the site for additional or amended stormwater management requirements. If there are subsequent additions or modifications to the development, a separate concept request shall be required.

If you have any questions regarding these actions, please feel free to contact Leo Galanko at 240-777-6242.

Sincerely,



Mark C. Etheridge, Manager  
Water Resources Section  
Division of Land Development Services

MCE: lmg

cc: N. Braunstein  
SM File # 285258

ESD: Required/Provided 7334 cf/7809 cf  
PE: Target/Achieved: 1.9"/1.7"  
STRUCTURAL: 1468 cf  
WAIVED: 0 ac.