



Commonwealth of Virginia

VIRGINIA DEPARTMENT OF ENVIRONMENTAL QUALITY

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Secretary of Natural and Historic Resources

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Director
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August 11, 2021

Mr. Graham Bryant, M.Sc., P.E.
Hydroworks LLC
257 Cox Street
Roselle, NJ 07203

Transmitted electronically gbryant@hydroworks.com

Re: Assignment of Percent Removal Efficiencies for Total Phosphorus for **Hydrofilter**

Dear Mr. Bryant:

The Department of Environmental Quality (Department or DEQ) received the Manufactured Treatment Device Registration Form and supporting documentation for the **Hydrofilter** on May 28, 2021. In accordance with § 62.1-44.15:28 of the Stormwater Management Act, 9VAC25-870-65 D of the Virginia Stormwater Management Program Regulation, and Guidance Memo No. 14-2009, Interim Use of Stormwater Manufactured Treatment Devices (MTDs) to meet the New Virginia Stormwater Management Program (VSMP) Technical Criteria, Part IIB Water Quality Design Requirements, the Hydrofilter has been reviewed.

Section 65 D 2 of the VSMP Regulation, which became effective on November 25, 2020, states that any MTD approved for use after July 1, 2020, must meet the requirements of § 62.1-44.15:28 A 9 of the Stormwater Management Act. Hydroworks, LLC has obtained certification from the New Jersey Department of Environment Protection for this product. The certification letter is attached to this letter.

The **Hydrofilter** approved for use in Virginia to meet the VSMP water quality design requirements. The percent total phosphorous pollutant removal efficiency has been assigned a value of **40%**. This information will be posted on the Virginia Stormwater BMP Clearinghouse website. This device and the assigned removal efficiency can be manually added into Virginia Runoff Reduction spreadsheet to demonstrate compliance with Runoff Reduction Method.

If you have any questions regarding this information, please contact Robert E. Cooper, P.E. at (804) 698-4033 or e-mail at Robert.Cooper@deq.virginia.gov.

Sincerely

A handwritten signature in blue ink that reads 'Erin Ervin Belt'.

Erin Ervin Belt
Office of Stormwater Management