



COMMONWEALTH of VIRGINIA

DEPARTMENT OF ENVIRONMENTAL QUALITY

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July 3, 2018

Mr. Kevin Miller
Lane Enterprises
3905 Hartzdale Drive, Suite 514
Camp Hill, PA 17011

Re: Assignment of Percent Removal Efficiencies for Total Phosphorus for StormKleener Filter Cartridge System

Dear Mr. Miller,

Thank you for your submittal of the Manufactured Treatment Device (MTD) Registration Form and supporting documentation for the StormKleener Filter Cartridge System. The MTD information provided was reviewed for the purpose of assigning a pollutant removal efficiency for total phosphorus (TP). This review was performed in accordance with the Guidance Memo Number 14-2009 titled "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 review process included the analysis of the documents submitted and any other publically available reports.

In addition to the registration form, a performance study based on total suspended solids was also submitted for review. This study is in support of the approval letter from the State of New Jersey that certifies StormKleener Filter Cartridge System has a removal rate of 80% total suspended solids. Consistent with Guidance Memo Number 14-2009, StormKleener Filter Cartridge System is receiving an event mean concentration percent TP removal efficiency of 40%. As stated in the guidance memo, this information will be posted on the Virginia Stormwater Clearinghouse website. This MTD and the assigned removal efficiency can be manually added into Virginia Runoff Reduction spreadsheet to demonstrate compliance with Virginia 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 "Jaime B. Robb".

Jaime B. Robb, Manager
Office of Stormwater Management