



# COMMONWEALTH of VIRGINIA

## DEPARTMENT OF ENVIRONMENTAL QUALITY

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Molly Joseph Ward  
Secretary of Natural Resources

David K. Paylor  
Director

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October 2, 2014

Mr. Chuck Lacey, Jr. PE  
StormTech (a Division of ADS, Inc.)  
70 Inwood Road  
Suite 3  
Rocky Hill, CT 06067

Re: Assignment of Percent Removal Efficiencies for Total Phosphorus

Dear Mr. Lacey,

Thank you for your submittal of the additional data requested for the StormTech® Isolator Row™. The MTD information provided was reviewed for the purpose of updating the previously assigned pollutant removal efficiency for total phosphorus (TP). This review was performed in accordance with 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

Consistent with Guidance Memo Number 14-2009, StormTech® Isolator Row™ is receiving an event mean concentration percent TP removal efficiency of 40%. The updated 40% removal efficiency is based on TP performance data from the study performed at the City of Charlotte, July 2013. As stated in the guidance memo, this information will be posted on the Virginia Stormwater BMP Clearinghouse. This MTD and the assigned removal efficiency can be manually added into the Virginia Runoff Reduction spreadsheet to demonstrate compliance with the 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](mailto:Robert.Cooper@deq.virginia.gov).

Sincerely,

A handwritten signature in cursive script that reads "Fred K. Cunningham".

Fred K. Cunningham, Director  
Office of Water Permits