

# Attachment 1

## Proprietary Best Management Practice (BMP) Registration Statement

Complete this form and submit it along with supporting documents to the Virginia Department of Environmental Quality (Department) at [BMPClearinghouse@deq.virginia.gov](mailto:BMPClearinghouse@deq.virginia.gov). If approved by the Department, the device will be assigned a total phosphorus (TP) removal efficiency and listed on the Virginia Stormwater BMP Clearinghouse.

**1. Proprietary BMP / Manufactured Treatment Device (MTD) Name** (as it is to appear on the Virginia Stormwater BMP Clearinghouse): **Filterra® Bioretention System**

**2. Company Name: Contech® Engineered Solutions LLC**

Mailing Address: 9025 Centre Point Dr.

City: West Chester

State: OH Zip: 45069

**3. Contact Name** (of person to be listed on the Virginia Stormwater BMP Clearinghouse): For Regulatory matters, contact Jacob Dorman, Regional Regulatory Mgr.

Mailing Address: 7037 Ridge Rd., Ste. 350

City: Hanover

State: MD Zip: 21076

Phone number: 757-374-4321

Fax number: n/a

E-mail address: [jacob.dorman@conteches.com](mailto:jacob.dorman@conteches.com)

Web address: [www.conteches.com](http://www.conteches.com)

For Project Specific and Design Questions: Please contact Contech's Baltimore Maryland Office:

7037 Ridge Road, Suite 350

Hanover, MD 21076

**Phone: 410-740-8490**

Web address: [www.conteches.com](http://www.conteches.com)

**4. Treatment Type**

Hydrodynamic Structure

Filtering Structure

Manufactured Bioretention System

Provide Infiltration Rate (in/hr): 100"/hr for TP via TAPE

Other (describe):

**5. Certification** (check all that apply and submit all certification letters from TAPE and/or NJDEP):

**TAPE**

**TP** (include Technical Evaluation Report if applying for greater than 50% TP removal efficiency)

TSS

NJDEP (TSS)

**6. Proprietary BMP History:**

How long has this specific model/design been on the market? The Filterra Bioretention has been available for 20 years.

**7. Maintenance:**

What is the generic inspection and maintenance plan/procedure? (Attach necessary documents): The Filterra O&M guide can be found:  
<https://www.conteches.com/Portals/0/Documents/Maintenance%20Guides/Filterra%20OM%20Packet.pdf?ver=2018-05-31-143300-750>

Is the maintenance procedure and/or are materials/components proprietary?

Yes, proprietary

No, not proprietary

Generally speaking, the maintenance required of the Filterra Bioretention system is not proprietary, except in the rare cases where the proprietary media may need partial or complete replacement. Maintenance generally consists of removing accumulated sediments/waste that gets trapped on the mulch layer and replacing the mulch layer with a fresh supply of mulch.

**8. Comments**

Include any additional explanations or comments:

**9. Certification**

Signed by the company president or responsible officer of the organization:

"I certify that all information submitted is to the best of my knowledge and belief true, accurate, and complete."

Signature:  \_\_\_\_\_

Name: Jacob Dorman

Title: Regional Regulatory Manager

Date: 12/29/21

**NOTE: All information submitted to the Virginia Department of Environmental Quality will be made publicly accessible to all interested parties. If the device is approved by the Department, this Proprietary BMP registration form will be posted on the Virginia Stormwater BMP Clearinghouse.**