

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. 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): **HydroChain™ Vortex Filter**

2. **Company Name: Shawcor**
Mailing Address: 7901 Xerxes Ave. South
City: Minneapolis
State: MN Zip: 55431

3. **Contact Name** (of person to be listed on the Virginia Stormwater BMP Clearinghouse): David Scott
Mailing Address: 7901 Xerxes Ave. South
City: Minneapolis
State: MN Zip: 55431
Phone number: 207-408-0272
Fax number:
E-mail address: david.scott@shawcor.com
Web address: www.shawcor.com

4. **Treatment Type**
 Hydrodynamic Structure
 Filtering Structure
 Manufactured Bioretention System
Provide Infiltration Rate (in/hr):
 Other (describe):

5. **Certification** (check all that apply and submit all certification letters from TAPE, NJDEP, etc.):
 TAPE
 TP (include Technical Evaluation Report if applying for greater than 50% TP removal efficiency)
 TSS
 NJDEP (TSS)
 Other (specify)

6. **Proprietary BMP History:**
How long has this specific model/design been on the market? 2 yrs in the US but more than 15 years in Germany

7. Maintenance:

What is the generic inspection and maintenance plan/procedure? (Attach necessary documents): Please refer to the attached O&M

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

Yes, proprietary

No, not proprietary

8. Comments

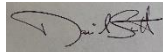
Include any additional explanations or comments:

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: David Scott

Title: Senior Manager, Water Systems and Solutions

Date: 15March2022

NOTE: All information submitted to the Department 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.