

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): Dual Vortex Separator (DVS)

Note: Kristar Enterprises, Inc. was acquired by Oldcastle Infrastructure in 2014

- 2. Company Name:** Oldcastle Infrastructure
Mailing Address: 7000 Central Parkway, Suite 800
City: Atlanta
State: GA Zip: 30328

- 3. Contact Name** (of person to be listed on the Virginia Stormwater BMP Clearinghouse):
Jay Holtz, PE
Mailing Address: 7000 Central Parkway, Suite 800
City: Atlanta
State: GA Zip: 30328
Phone number: 971-271-0796
Fax number: None
E-mail address: jay.holtz@oldcastle.com
Web address: oldcastleinfrastructure.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 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? 2005

7. Maintenance:

What is the generic inspection and maintenance plan/procedure? (Attach necessary documents): Inspect DVS at 6-month intervals. If maintenance is required as indicated by a buildup of sediment in the sump, use a vacuum truck to empty the sump of standing water and accumulated sediment. Maintenance frequency will depend on actual pollutant loading however owners can typically expect at least 12 months of service from a DVS unit before maintenance is required. The DVS Operation and Maintenance Manual is attached.

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

- Yes, proprietary
- No, not proprietary

8. Comments

Include any additional explanations or comments: The NJDEP Certification letter and O&M Manual are attached.

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: Jay Holtz, PE

Title: Director of Regulatory Management

Date: 1/4/2022