

# 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): Kristar/Oldcastle Precast, Inc. FloGard Perk Filter™ (using ZPC Filter Media)

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](mailto: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)**

TP (62.4%) and TSS (85.2%) reduction are included in the attached General Use Level Designation document under "Findings of Fact". A copy of the Technical Evaluation Report is attached.

**6. Proprietary BMP History:**

How long has this specific model/design been on the market? 2008

**7. Maintenance:**

What is the generic inspection and maintenance plan/procedure? (Attach necessary documents): Inspect PerkFilter at 6-month intervals. Consider need for partial or full maintenance upon inspection. Partial maintenance is recommended if sediment loading is heavy, but the cartridges are still working. Partial maintenance consists of removing sediment from the vault without replacing cartridges. Full maintenance is recommended if cartridges are plugged and not working. Full maintenance consists of removing media from spent cartridges, removing the empty cartridge assemblies from the vault, removing sediment from the vault, and installing refreshed cartridges. Maintenance frequency will depend on actual pollutant loading however owners can typically expect at least 12 months of service from a PerkFilter unit before maintenance is required. The PerkFilter 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 WDOE GULD, TAPE TER 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