

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): BioPod

Note: The TreePod was renamed the "BioPod" in 2018

- 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): 154
 - 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)**

Note: TP (64.0%) and TSS (84.0%) reduction are included in the attached General Use Level Designation document under "Findings of Fact". A copy of the TER is attached. The BioPod was called the "TreePod" when tested but later renamed as indicated in the Revision History (April 2018) on the last page of the GULD document.

6. Proprietary BMP History:

How long has this specific model/design been on the market? 2017

7. Maintenance:

What is the generic inspection and maintenance plan/procedure? (Attach necessary documents): Inspect BioPod at 6-month intervals. Maintenance consists of removing trash and debris and invasive vegetation from the biofiltration chamber. If the sediment load is heavy, the mulch layer must be replaced. If the media under the mulch appears clogged with sediment, the top one or two inches of biofiltration media should also be replaced prior to replacing the mulch layer. Vegetation must be pruned or replaced if damaged or dead. Maintenance frequency will depend on actual pollutant loading however owners can typically expect at least 12 months of service from a BioPod before maintenance is required. The BioPod Operation and Maintenance Manual is attached.

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

- Yes, proprietary (Media is proprietary)
- No, not proprietary (Mulch is non-proprietary)

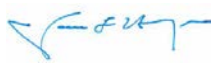
8. Comments

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