

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): **Arcadia Hydrodynamic Separator**

2. Company Name: Advanced Drainage Systems, Inc.

Mailing Address: 4640 Trueman Blvd.

City: Hillard

State: OH Zip: 43026

3. Contact Name (of person to be listed on the Virginia Stormwater BMP Clearinghouse):

Sarah Matin, PE

Mailing Address: 4640 Trueman Blvd

City: Hillard

State: OH Zip: 43026

Phone number: 407-988-6275

Fax number:

E-mail address: sarah.matin@adspipe.com

Web address: adspipe.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? 3 months

7. Maintenance:

What is the generic inspection and maintenance plan/procedure? (Attach necessary documents): Inspections should begin as soon as construction is complete and then on an annual basis ongoing. Under normal use, the system will need to be cleaned every 1-3 years. To determine the sediment depth, the maintenance contractor should lower a stadia rod into the manhole until it reaches the top of the captured sediment. Mark this spot on the rod, then continue pushing the rod through the sediment until it reaches the bottom of the sump. Next, mark the second spot on the rod then compare the two markings to determine the depth of the captured sediment. Maintenance should occur when the sediment has reached a depth of 18”

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

- Yes, proprietary
- No, not proprietary

8. Comments

Include any additional explanations or comments: Arcadia has completed NJDEP and OK 110 testing for TSS removal. See attached documentation for associated treatment flowrates.

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: Sarah Matin, P.E.

Title: Water Quality Manager - Southeast

Date: August 11, 2025

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.