Metropolitan North Georgia Water Planning District
International Tower | 229 Peachtree St., NE | Suite 100 | Atlanta, GA 30303

November 23, 2026

Anna Baker
Oldcastle Infrastructure
7000 Central Pkwy, Ste 800
Atlanta, GA 30328

Re: Metropolitan North Georgia Water Planning District *Post-Construction Stormwater Technology Assessment Protocol* Submission Review

Dear Ms. Baker:

This letter is in response to your request for review of the BioPod Biofiltration Device (BioPod) under the Metropolitan North Georgia Water Planning District's (District) Post-Construction Stormwater Technology Assessment Protocol (PCSTAP).

Per the objectives outlined on page 1 of the PCSTAP, the purpose of this review is to "characterize a technology's effectiveness in removing pollutants from stormwater runoff for an intended application and to compare test results with vendors' claims." The District's role is to review engineering reports and testing results submitted by vendors for their proprietary technology and assess conformity with the PCSTAP.

The Oldcastle BioPod submission and supplementary information requested was reviewed by the District in consultation with Tetra Tech and the Technology Review Committee. The following is a summary of the main findings from that submittal review:

- The initial submittal contained an excerpt from a July 2018 TAPE submittal including samples and data from 17 separate events. TAPE accepted 15 of the samples. Four of the 15 samples were collected as grab samples and do not meet the PCSTAP criteria of collecting "Flow-weighted composite samples covering a minimum of 70% of the total storm flow, including as much of the first 20% of the storm as possible." 11 of the 15 samples do meet the PCSTAP protocol and criteria.
  - The 11 samples that meet the criteria were found to be appropriate for the conditions typically found in Georgia. The d_{50} of 28 µm in the influent samples is consistent with typical soils in Georgia.
  - The data analysis and results from Oldcastle showed an 84% TSS reduction.

    - The submittal indicates that the device can be sized to accommodate flow rates which are consistent with Georgia runoff flows based on the 1.6 gpm/sf treatment rate proposed in the submittal.
- A subsequent submittal provided additional sample data for 13 storm events that were sampled from a BioPod installed in Gainesville, Georgia. 12 of the 13 samples do meet the PCSTAP criteria.
    - The d_{50} of approximately 22 µm reported in the influent is consistent with the 28 µm reported in the 2018 TAPE data and is consistent with the typical soils in Georgia.
    - The data analysis and results submitted by Oldcastle from the 12 qualifying storms in Georgia showed a mean of 94.9% TSS removal.
- Based on those findings, 11 of the analyzed storm events submitted to TAPE meet the PCSTAP criteria and 12 of the storm events sampled in Georgia meet the PCSTAP criteria.

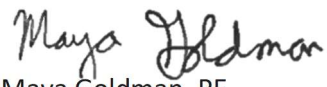
Based on this review, the District has determined that the information provided meets the requirements outlined in the PCSTAP for the technology engineering report, performance claims, and performance testing results. We therefore are recommending that the information be made publicly available as a resource on the District website (http://www.northgeorgiawater.org).

As stated in the PCSTAP, this review of vendor data and public dissemination of information does *not* constitute an approval process or an endorsement of any product by the District.

Local governments and other entities in the District are free to use this information as part of their processes to evaluate the suitability of these technologies or products for use within their jurisdiction. Local governments and other entities within the District may elect to allow or refuse use of any product on the concurrence list. They may also allow removal efficiencies that differ from manufacturer claims based on local geography, policies, or other conditions.

Thank you for your interest in PCSTAP evaluation. Please feel free to contact me at 470.378.1549 or MGoldman@atlantaregional.org, if you have any questions.

Sincerely,



Maya Goldman, PE

Stormwater Principal Planner