

June 7, 2024

Oldcastle Infrastructure, Inc.  
7000 Central Parkway, Ste. 800  
Atlanta, GA 30328  
Attn: Shane Decker

RE: Oldcastle PerkFilter™  
Alternative Stormwater Treatment Practice - Request for Approval

Dear Mr. Decker:

The Stormwater Program has reviewed the Oldcastle PerkFilter as an alternative stormwater treatment practice through the evaluation process in Section 4.4.1 of the 2017 Vermont Stormwater Management Manual (VSMM).

Based on our review, we believe that Oldcastle Infrastructure has provided the Stormwater Program with testing data showing that the system provides total phosphorus and total suspended solids removal efficiency sufficient to meet or exceed the standards in the Vermont Stormwater Management Manual as a stand-alone Tier 2 Practice.

Please be advised that this letter serves as preliminary approval and does not constitute a final act or decision of the Secretary. Final approval of the use of PerkFilter, or other alternative practice, is project specific and is necessarily done through the issuance of an operational stormwater permit, until such time that the Vermont Stormwater Management Manual is formally revised to include the practice.

In developing permit conditions for any project relying on the PerkFilter, the Stormwater Program is likely to include the following permit conditions and application requirements:

- 1) The PerkFilter must be designed, assembled, installed, operated, and maintained according to the specifications of Oldcastle Infrastructure, Inc.
- 2) The system must be designed to accommodate 100% treatment of the requisite water quality volume through sizing for the peak rate of the water quality storm without bypass.
- 3) The system shall be sized volumetrically rather than as a flow-based system.

As part of this preliminary approval, the product will be listed on the Vermont Department of Environmental Conservation's Alternative Practices website at <http://dec.vermont.gov/watershed/stormwater/permit-information-applications-fees/Alt-STPs>.

June 7, 2024

Preliminary Approval: Oldcastle PerkFilter

Until such a time that the practice is incorporated into the VSMM through rulemaking, projects utilizing the practice that are subject to operational stormwater permitting require an individual permit application.

If local jurisdictions or other parties request a copy of a letter from VT DEC verifying preliminary practice approval, please use this letter for that purpose.

Thank you for your interest in providing alternatives to the stormwater design community in Vermont. If you have any questions concerning this preliminary approval, please contact the Stormwater Program.

Sincerely,

A handwritten signature in cursive script that reads "Terry Purcell".

Terry Purcell, Environmental Analyst  
Vermont DEC – Stormwater Program