

February 07, 2020

Anoka Conservation District
1318 McKay Dr. NE, Suite 300
Ham Lake, MN 55304
Attn: Mitch Haustein

RE: Rain Guardian Bunker and Turret
Alternative Stormwater Pre-Treatment Practice - Request for Approval

Dear Mr. Haustein:

The Stormwater Program has reviewed the Anoka Conservation Districts Rain Guardian Bunker and Turret as alternative stormwater pretreatment practices through the evaluation process in Section 4.4.1 of the 2017 Vermont Stormwater Management Manual (VSMM).

Based on our review, we believe that the University of Minnesota St. Anthony Falls Laboratory study has provided the Stormwater Program with testing data showing that the systems provide a minimum 50% total suspended solids (TSS) removal efficiency in conformance with the 2017 VSMM.

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 Rain Guardian Bunker or Turret, 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 Rain Guardian Turret or Bunker, the Stormwater Program is likely to include the following permit conditions and application requirements:

- 1) The Rain Guardian Bunker and Turret must be designed, assembled, installed, operated, and maintained according to the specifications of Rain Guardian.
- 2) The system must be designed to accommodate the required Q_{wq} , as a flow through practice.

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>.

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.

February 07, 2020

Preliminary Approval: Rain Guardian Bunker and Turret

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 black ink, appearing to read "Winn Wilson". The signature is fluid and cursive, with the first name "Winn" and last name "Wilson" clearly distinguishable.

Winn Wilson, Environmental Analyst
Vermont DEC – Stormwater Program