

Tuesday, March 31, 2026

Brian Arcand  
Snyder & Associates, Inc.  
5010 Voges Rd  
Madison, WI 53718

**RE: Viney Acres- Preliminary Review**

Dear Brian Arcand:

I have reviewed the conceptual erosion control and stormwater management plans, dated June 3, 2025, for Viney Acres located in the Town of Cottage Grove, Dane County Wisconsin. This preliminary review is based on the information provided to date and is consistent with the preliminary review process found in Chapter 14, Dane County Code of Ordinances (DCCO).

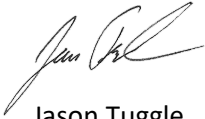
The proposed development consists of mass grading for a seven-lot commercial subdivision, one outlot, a cul-de-sac roadway, and stormwater facilities. The proposed development will require shoreland erosion control and stormwater management permits from this office. This site is subject to the erosion control and stormwater management performance standards described in §14.11(3) and §14.12(2) DCCO. The following items will need to be addressed in the erosion control and stormwater management plans:

1. Portions of the site are in close proximity to a DNR designated stream and delineated wetland. The proposed grading plan does not appear to directly impact these regulatory features. However, any direct impacts would require additional approvals from Dane County Zoning, WI Department of Natural Resources (DNR) and Army Core of Engineers.
2. Provide a description in the report of the per lot impervious assumptions used in the modeling.
3. Stormwater management practices will need to be designed to meet applicable DNR Technical Standards.
4. A minimum separation distance of five feet from the bottom of an infiltration basin to groundwater is required for commercial roadways and parking lots. Additional test pits in the location of the infiltration basin will be needed to confirm the separation distance. A filtering layer may be required.

5. Oil and grease control for the proposed lots is not met with this design. A single snout separator and filter in the basin outlet is not adequate for this size of development and will be quickly overwhelmed. Oil and grease control should be targeted to source areas of concern on a per lot basis at the time the lots are developed.
6. The erosion control plan must be designed to prevent gully and bank erosion, limit total off-site annual sediment yield from sheet and rill erosion to less than 5.0 tons/acre and provide a stable outlet capable of carrying the design flow. Limiting the disturbed area through phasing, and the duration of soil exposure will be key elements in the plan. Critical slopes 3:1 or greater will need to be erosion matted during site stabilization.
7. Proposed swales must be designed for capacity and stability for a 10 year, 24-hr storm. Velocity and stability calculations will be required at the time of application.

Based on the information provided, it is my opinion that the minimum performance standards could be met with proper site evaluation and design. All items will need to be addressed as part of the final design. Completed permit applications and plans will need to be submitted for review and approved prior to commencement of any land disturbing activity.

Sincerely,



Jason Tuggle  
Erosion Control Specialist-Advanced  
Water Resource Engineering  
Dane County Land & Water Resources  
(608) 516-2275, [tuggle.jason@danecounty.gov](mailto:tuggle.jason@danecounty.gov)

Cc: Rachel Holloway, Dane County Zoning (email)  
Kim Banigan, Town of Cottage Grove (email)