

Tuesday, March 31, 2026

Mike Calkins  
Snyder & Associates, Inc.  
5010 Voges Rd  
Madison, WI 53718

**RE: Skaar Pit Development- Preliminary Review**

Dear Mike Calkins:

I have reviewed the conceptual erosion control and stormwater management plans, dated March 31, 2026, for the Skaar Pit Development 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, three outlots, a 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 DNR designated streams, floodplain and a 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. 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 limiting 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.

5. 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  
Urban Erosion Control Analyst  
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)  
Dennis Richardson (email)  
Wade Huston (email)