

Friday, October 4, 2024

Sarah Church
Vierbicher Associates
999 Fourier Drive, STE 201
Madison, WI 53717

RE: Van Holten's Tank Yard- Preliminary Review

Dear Sarah Church:

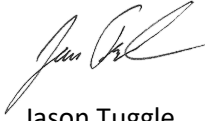
Per your request, I have reviewed the conceptual erosion control and stormwater management plans dated September 16, 2024 for Van Holten's Tank Yard, located in the Town of Medina, Dane County Wisconsin. This preliminary review is based on the information provided to date and is consistent with the preliminary review process found in Chapter 14, Dane County Code of Ordinances (DCCO).

The proposed development 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. A site evaluation for infiltration per DNR Technical Standard 1002 is not included in the report. This will be required at the time of application.
2. 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 carry the design flow. Limiting the disturbed area, and the duration of soil exposure will be key elements in the plan.
3. The proposed swale must be designed for capacity and stability for a 10-year, 24-hr storm. The 10-year velocity exceeds 5.0 fps, which is generally considered to be the maximum allowed for grass.

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

Sincerely,

A handwritten signature in black ink, appearing to read "Jason Tuggle". The signature is fluid and cursive, with the first name "Jason" being more prominent than the last name "Tuggle".

Jason Tuggle
Urban Erosion Control Analyst
Water Resource Engineering
Dane County Land & Water Resources
(608) 224-3735, tuggle.jason@danecounty.gov

Cc: Rachel Holloway (Dane County Zoning)
Majid Allan (Dane County Planning & Development)
Matthew Miller (Vierbicher Associates)
Brian Barritt (Vierbicher Associates)