



March 22, 2018

Timothy P. Roach, Zoning Administrator
Outagamie County
410 S. Walnut Street
Appleton, WI 54911

Subject: Lin Family, LLC Properties - Stream Restoration
Town of Greenville, Outagamie County
FAD Analysis No. 20184

Dear Mr. Roach:

We have completed our review of the floodplain analysis titled "Lin Family, LLC Properties" and dated March 2, 2018. The analysis was prepared to study the 1, 10, 25, and 100-year events. The stream being restored is an unnamed tributary to the Rat River. The analysis was submitted by Joe Hoechst of McMahon Associates, Inc. under the seal of Nicholas A Vande Hey, PE. The project site is located within the SE ¼ and SW ¼, of the NE ¼ of Section 22, T21N, R16E, Town of Greenville, and Outagamie County, Wisconsin.

The proposed restoration project involves realigning and regrading the stream corridor to restore the stream to the 2015 condition, including a pool riffle structure, log vanes, and a 1 to 2-year bank full flow capacity. The results of the analysis appear to indicate that the realigning and regrading work as proposed, will meet the goal of restoring the stream corridor to the 2015 condition.

Based on our review of the information provided, the analysis as submitted meets the standards of NR 116. This review and approval only relate to the requirements of NR 116. It does not apply to other State, Federal, or local permits that may be required.

Upon completion of the restoration work, the analysis shall be revised with as-constructed cross sections to compare final restoration work with what has been proposed. The analysis shall be submitted to the Department to review for concurrence with NR 116.

The project area is not within an area currently designated as floodplain. To add this area as part of your current floodplain mapping, a Letter of Map Change (LOMC) would be required. If you have any questions or require any further information, please me at (920) 662-5195.

Sincerely,

Miles A. Winkler, PE
Water Management Engineer
Northeast Region

Cc. Scott Koehnke – WI DNR – Shawano (via. email)
Nicholas Vande Hey – McMahon Associates, Inc. (via. email)
Joe Hoechst – McMahon Associates, Inc. (via. email)