



LOWER MINNESOTA RIVER WATERSHED DISTRICT

Executive Summary for Action

Lower Minnesota River Watershed District Board of Managers Meeting
Wednesday, August 18, 2021

Agenda Item

Item 7. H. - LMRWD Projects

Prepared By

Linda Loomis, Administrator

Summary

i. **Eden Prairie Study Area #3**

Staff is preparing to present the findings of the work performed by Inter-Fluve to the City of Eden Prairie.

ii. **MN River Gully Inventory**

The interns conducting the inventory and condition assessment of the gullies on the south side of the Minnesota River will attend the meeting to make a presentation to the Board. Technical Memorandum - 2021 Gully Inventory and Condition Assessment dated August 13, 2021 is attached for the Board's information

Attachments

Technical Memorandum - 2021 Gully Inventory and Condition Assessment Update dated August 13, 2021

Recommended Action

No action recommended

Technical Memorandum

To: Linda Loomis, Administrator
Lower Minnesota River Watershed District

From: Rebecca Even
Anthony Crosby
Katy Thompson, PE, CFM

Date: August 13, 2021

Re: 2021 Gully Inventory and Condition Assessment Update

The Lower Minnesota River Watershed District (LMRWD or District) managers authorized the second phase of the Gully Inventory and Condition Assessment at the August 19, 2020, board meeting. The first phase of the Gully Inventory and Condition Assessment was completed during summer 2020 and consisted of revisiting sites that had been originally surveyed in 2008. The interns assigned an erosion potential category to each gully (low, moderate, or high) to assess their overall conditions and establish priorities for future restoration opportunities. The 2020 assessment was limited to the sites that were identified in 2008 and did not include any coverage of the southern half of the District located in Dakota and Scott Counties.

The second phase of the project begins where the 2020 Gully Inventory ended by identifying potential gully locations in Dakota and Scott Counties and prioritizing the discovered gullies for future action. Interns from Young Environmental, Anthony Crosby and Rebecca Even, have been using topographical maps to determine the areas where gullies may have developed and collecting field data and observations at these sites. After they completed the fieldwork data collection, the interns used the data to determine the severity of the gully erosion, developed recommended actions for each gully, and worked on creating a comprehensive report, going over every site and the state of gullies in each partner city within the southern portion of the LRMWD.

Anthony and Rebecca will be presenting the results of their work to date, and the final report will be completed and presented to the LMRWD managers at the October 20, 2021, board meeting.