



WATER QUALITY & STORAGE GRANT
 ~ CONCEPTUAL DESIGN ~
 CONTRACT NO. FY2026 C26-0003 \$150,000.00 (90/10)

Lac qui Parle Floodway
(Yellow Medicine County)
Lac qui Parle River Watershed



GRANT PERIOD:
 From: August 6, 2025
 To: Dec. 31, 2028

GRANT REVENUES
 As of 12/31/2025

\$ 75,000.00	1st Installment (50%)
\$	2nd Installment (40%)
\$	3rd Installment (10%)
\$ 75,000.00	TOTAL REVENUES

10% Local Match Provided =
\$ 0.00

TOTAL PROJECT EXPENDITURES

Task 1: Project Initiation & Kickoff	
Task 2: Preliminary Engineering	
Task 3: Environmental & Site Coordination	
Task 4: Conceptual Design Report	
TOTAL GRANT EXPENDITURE	\$ 0.00
TOTAL PROJECT EXPENDITURE (to date - 12/31/2025)	\$ 0.00

PROJECT CONTACT:
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 Area II MN River Basin Projects
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PROJECT DESCRIPTION

The Water Quality & Storage Program was established to provide financial assistance to LGUs and governmental organizations to control water volume and rates to protect infrastructure, improve water quality and related public benefits, and mitigate climate change impacts. More recently, a portion of the funding provide grants for Conceptual Design for projects.

The existing floodway project is located in the Headwaters LQP River subwatershed; 5 miles NE of Canby, MN. The river drops 642 feet in elevation from the headwaters near the SD/MN border to the floodway site, 26 miles downstream. In August 1976, the DNR permitted construction of the bypass channel to divert high flows and prevent flooding into the Yellow Medicine River watershed. By 1981, heavy sediment accumulation and poor weir design caused the river to flow through the floodway with little flow in the river channel. Fish passage is difficult in these conditions in addition to four perched culverts at road crossings.

This grant will provide funds to solicit proposals from qualified consultants to provide the following outcomes: HEC-RAS models of existing and proposed scenario conditions; recommended weir design/elevation, recommended sizes/elevations for road crossings, size/slope/pattern of the restored river channel, sediment disposal options, required permits needed, and detailed cost estimate of the scenarios for construction. The 10% local match is being split between Area II, LQP-YB Watershed District, and Yellow Medicine County.

This design project will reconnect 4.57 miles of the Lac qui Parle River that is currently cutoff. The reconnection will reduce the river's slope and stream power, reduce peak flows, store floodwater, reduce crossover flooding into the Yellow Medicine River watershed, allow fish passage, build habitat for aquatic and terrestrial animals, and restore natural river processes.

