



# Upper Buffalo River Sediment Reduction Project

Clean Water Fund: Projects and Practices 2017

**Grant Award: \$328,159**

**Total Project Budget: \$328,159**

**Progress as of March 2019:**

Fund Type	Spent
Grant	\$201,194
Match*	\$507,068
<b>Total</b>	<b>\$708,262</b>

\*Includes minimum 25% local match

**Grant Period:**

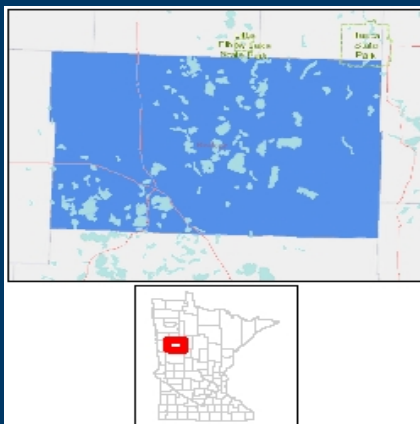
May 2017 - December 2019

**Targeted Water:**

Upper Buffalo River

**Project Sponsor:**

Becker SWCD



**Project Contact:**

Peter Mead

218-530-3291

[pemead@co.becker.mn.us](mailto:pemead@co.becker.mn.us)

[http://www.co.becker.mn.us/dept/soil\\_water/default.aspx](http://www.co.becker.mn.us/dept/soil_water/default.aspx)

## Project Narrative

By stabilizing classic and ephemeral gully erosion, re-introducing perennial and native riparian vegetation and implementing upland treatment to stem sheet flow with a variety of structural and ecological practices, the collective effects of this project will achieve nearly 75% treatment of the agricultural land in the first significantly altered subbasin atop the Buffalo River watershed.

## Proposed Outcomes

Targeted practices include 2 Grade Stabilization structures, 26 Water and sediment control basins, 3 grassed waterways and roughly 25 acres of filter strips and/or critical area plantings that will yield an estimated 44% reduction of sediment loading, surpassing watershed goals of 41%.

## Pollution Reduction Estimates

Indicator Name	Proposed	Actual
Phosphorus (Est. Reduction) (LBS/YR)	1,184	1046.1
Sediment (Tss) (TONS/YR)	1,911	941.4
Soil (Est. Savings) (TONS/YR)	1,386	941.4

## Actual Outcomes

To date Becker SWCD and cooperating producers have implemented 11 water and sediment control basin projects, two grade stabilizations and one grassed waterway and stilling basin as a part of the project.

Becker SWCD has submitted interim reporting for the Upper Buffalo Red Grant for all expenditures made in 2018.

