

**Grant Award: \$16,482**

**Total Project Budget: \$15,718**

**Progress as of February 2021:**

Fund Type	Spent
Grant	\$15,718
Match*	\$0
Other	\$24,780
<b>Total</b>	<b>\$40,498</b>

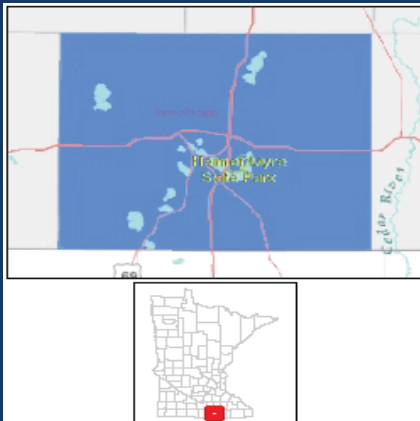
*\* Includes minimum 25% local match*

**Grant Period:**

November 2017 - December 2020

**Project Sponsor:**

Freeborn SWCD



**Project Contact:**

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## Pollution Reduction Estimates

Indicator Name	Actual
Phosphorus (Est. Reduction) (LBS/YR)	19.23
Sediment (Tss) (TONS/YR)	16.72
Soil (Est. Savings) (TONS/YR)	125.3

## Actual Outcomes

As of 12/31/17 no funds were expended.

Reviewing possible projects with landowners. Manager 2 hours @ \$69.22-BWSR billable rate.

Planning has begun with two (2) projects to be implemented in 2020. A cover crop and a WASCORB.

A grassed waterway was installed that is 800 feet long and 60 feet wide. The watershed upstream of the waterway is 350 acres. 1.1 acres of a critical area planting was installed to ensure the waterway can work properly. The water that flows through the grassed waterway eventually makes it to County Ditch 79. 7.44 tons per year of sediment, 105 tons per year of soil saved, and 8.44 tons per year of phosphorus is saved from entering County Ditch 79 directly.

There were two water and sediment control structures installed just upstream of a private ditch that had some gully cuts on the ditch bank. With the WASCORBs installed they help funnel the water down tile and into the ditch. The upstream basin is 650 ft long and the downstream basin is 750 ft long. A critical area planting was also completed that was 1 acre. The total drainage area is 19 acres. The stream eventually leads to the Cedar River. The practices are reducing 3.50 (TSS) tons/year, 3.50 tons of soil, and 1.03 lbs of phosphorus per year from entering the stream.

Funds expended with a refund sent back to BWSR on 12/10/2020. All reporting is complete as of 01/25/2021.