



Redwood-Cottonwood Rivers Control Area

GRANT PERIOD:

From: Jan. 21, 2021
To: Dec. 31, 2023

Grant Revenues

(as of December 31, 2022)

\$200,403 1st Installment (50%)
2nd Installment (40%)
3rd Installment (10%)

Grant Expenditures

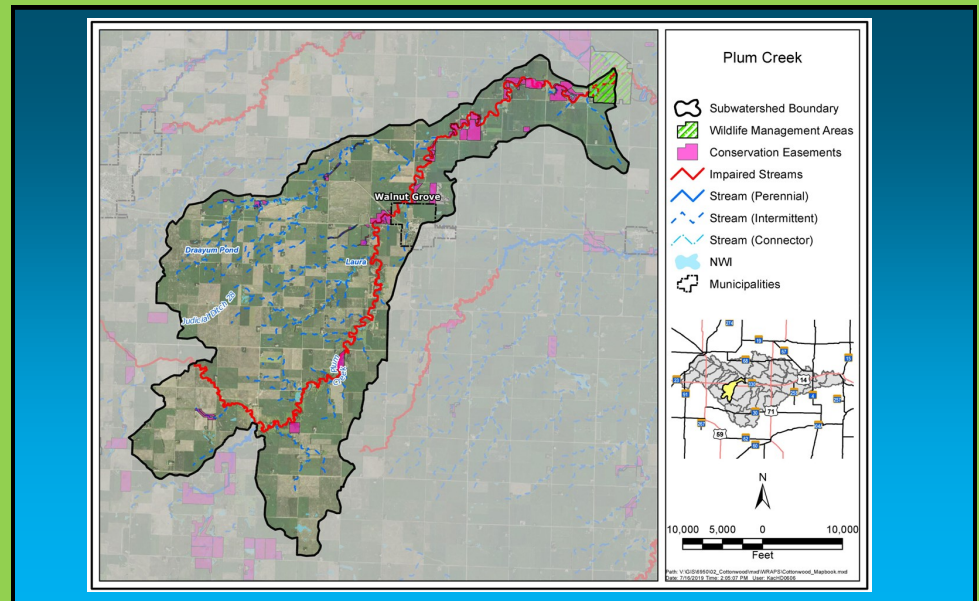
(as of December 31, 2022)

Holly 2 Grade Stab	\$ 21,679.89
Springdale 25 Waterway	\$ 9,995.50
Springdale 13/24 Grade Stabilization	\$ 29,810.88
Springdale 13/24 Road Retention	\$ 14,071.66
Holly 3 Grade Stab	\$ 25,945.94
Holly 7 Grade Stab	\$ 4,124.00
Springdale 22 WSCBs	\$ 21,215.70
Springdale 22 WSCBs (2)	\$ 1,978.05
Holly 8 Grade Stab	\$ 5,442.90
Holly 9 WSCBs	\$2,773.08
Springdale 35 WSCBs	\$ 5,794.06
North Hero 10 Streambank Stab	\$6,346.65
North Hero 10 NE WSCB/Grade Stab	\$6,687.18
TOTAL EXPENDITURE	\$ 155,865.49

FY2021 FY2022 FY2023

Grant Title: PLUM CREEK TURBIDITY REDUCTION GRANT

CONTRACT NO. C21-5583 \$400,805



Project Description

Plum Creek, 34.1 miles in length, drains 57,682 acres of highly-productive agricultural land in Murray and Redwood Counties in southwest Minnesota. Extensive subsurface drainage and open ditches are required to improve crop productivity. Glacial geology and steep topography make the loamy soils very prone to wind and water erosion. Surface water issues within the Cottonwood River watershed are a historical priority concern of local leadership. Wenck Associates/Stantec has drafted a TMDL (2021) estimating a 63% TSS reduction needed (3500 tons/yr) for Plum Creek. This project will install 5 grade stabilization structures, 3 waterways, 2 WSCBs and 1 streambank restoration. This will be done in partnership with Redwood SWCD and used to compliment an already-awarded EPA Focus 319 grant to the Redwood SWCD. These practices will be used to capture sediment from excessive overland flows and provide up to 75% cost-share for landowners. Anticipated goals will annually reduce 1470 tons of sediment through implementation of these 11 projects. This proposal's sediment reduction goal would constitute 41% toward the Plum Creek TSS reduction goal and 2.1% toward the interim 25% reduction goal set in the Sediment Reduction Strategy for the Minnesota River Basin.

GRANT SUMMARY (to date):

Total Project Costs = \$ 677,617.66
Local Match provided = \$ 169,778.52
Other Government Funding = \$ 351,973.65

Reductions (to date):

1,080.90 Tons/Year Sediment (TSS)
1,161.50 lbs/year Phosphorus
1,317.90Tons/Year Soil Saved
72.964 acre-feet of floodwater storage

PROJECT CONTACT:

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