

REDWOOD COTTONWOOD RIVERS CONTROL AREA (RCRCA) JPO



FY2013 Clean Water Funds Redwood and Cottonwood Rivers Targeted Clean Water Assistance Project

Waters of Concern
Minnesota River
Cottonwood River
Redwood River

CFW Grant Awarded:
\$560,000

Leveraged Funds:
\$494,000

**Grant Period: 1/1/2013—12/31/2015
Extended to 12/31/2016**

CWF Fund Categories

Administrative, Project Development, and Technical/Engineering Assistance Funds

AS OF: January, 2016	Grant Budget	Encumbered/ Spent
Administrative	\$28,000.00	\$15,438.54
Project Develop.	\$36,000.00	\$25,475.64
Technical	\$110,000.00	\$66,642.11
Org. Cash Match	\$108,000.00	\$108,000.00

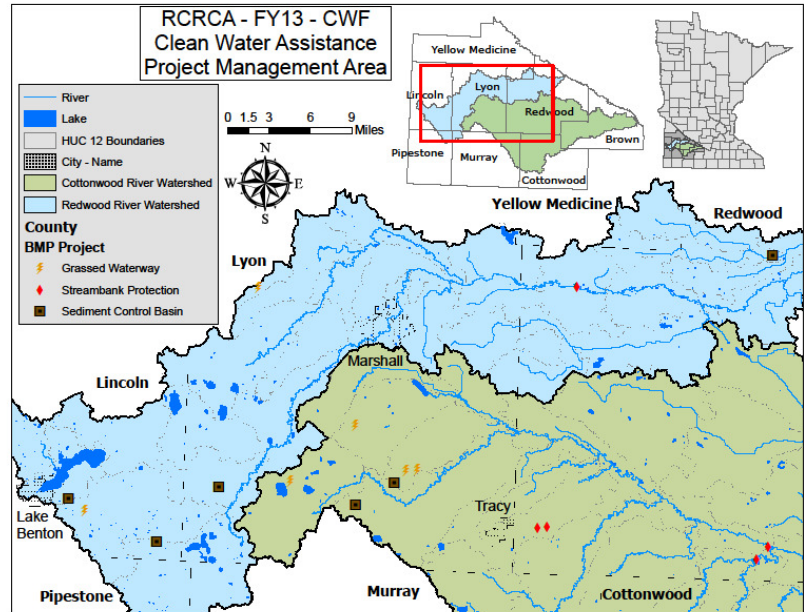
Implementation Funds

	Installed	Cost
Water and Sediment Control Basins	16	\$54,957.90
Grassed Waterway	9,385 ft.	\$34,139.48
Streambank and Shoreland Protection	2,347 ft.	\$87,115.35
Grade Stabilization Structures	11	\$142,874.75
BMPs	\$386,000.00	\$319,087.48
Match Grant Funds	\$193,000.00	\$193,000.00
Landowner Funds	\$193,000.00	\$193,000.00
Total Imp. Funds	\$772,000.00	\$705,087.48
Total CWF Budget	\$1,054,000.00	\$920,643.77

Indicators	Total
Sediment /TSS (tons/year)	4,458.89
Soil Saved (tons/year)	4,500.93
Phosphorus (lbs/year)	4,451.02

PROJECT CONTACT:

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Overall Description

The Redwood River and Cottonwood River watersheds encompass approximately 2,020 square miles of southwestern Minnesota in the Minnesota River Basin. Land use in these watersheds is mostly agricultural and area geology makes them prone to erosion. Surface water issues within the two watersheds had become a concern of local leaders and the counties and SWCD leaders formed the Redwood Cottonwood Rivers Control Area (RCRCA) Joint Powers Board in 1983 to address sedimentation, water quality and quantity, and erosion issues. The 1992 (Redwood River) and the 1999 (Cottonwood River) MPCA approved diagnostic studies and implementation plans defined characteristics of specific pollutants, the processes affecting their transport, and appropriate measures to reduce their delivery to both rivers. These locally developed Implementation Plans were created to direct restoration activities in targeted sub-watersheds. RCRCA was tasked to develop TMDLs and implementation plans to address the many reaches and tributaries within both watersheds in 2006 (Fecal Bacteria) and again in 2008 (Turbidity). Partner county water management plans reflect priority management areas based on the same targeted and EPA listed waters. The purpose of this project is to facilitate individual landowners with the installation of conservation practices within the Redwood and Cottonwood watersheds through planning, and technical assistance activities as well as 50% cost-share funds associated with this grant with remainder to be paid through federal and landowner match. Implementing groundwater infiltration and phosphorus reducing conservation practices through new funded best management practices will help achieve reductions necessary to meet goals set forth in local, watershed wide, and Minnesota basin water plans. This project's anticipated goals are to reduce **3,417** tons of phosphorus and **5,942** tons of sediment reaching the Minnesota River, annually through implementation of **10 water and sediment control basins, 9560' of grassed waterways, 2550' of stream bank protection, and 6 grade stabilization projects.**