Sub-watershed Targeting in the Cottonwood River

Clean Water Funds: 2012

Clean Water Grant	$363,957
Leveraged Funds*	$121,205
Total Project Budget	$485,162

* Leveraged Funds include

Targeted Water:
Pell Creek and Tributaries

Project Sponsor:
Redwood County Soil and Water Conservation District

Grant Period:
January 2012—December 2014

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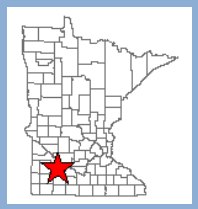

C12-26 - Clean Water Assistance

Project Narrative

Pell Creek is a tributary to the Cottonwood River, one of the thirteen major watersheds in the Minnesota River Basin and the largest watershed in Redwood County. The dominant land use is agricultural, chiefly row-crops with some livestock production. The vast majority of the wetlands have been drained through a highly intricate and efficient system of tiling and ditching. Concentrating conservation efforts in this small sub-watershed allows us to intensify the water quality, water recreation and wildlife habitat benefits locally and positively impacting the Cottonwood River downstream of the targeted area.

The conservation practices will reduce run-off, erosion and both surface and groundwater contamination. Additionally, several practices will enhance wildlife habitat and improve the aesthetics of Pell Creek and the Cottonwood River as a whole. Technical assistance will include comprehensive nutrient management plans and grid sampling variable rate nutrient application will diminish contamination from both feedlots and cropland.

Proposed Outcomes:

Water& Sediment Control Basins (4 basins) - Pell Creek and Tributaries

Grid Sampling Variable Rate Nutrient Application (5 producers, 240 ac per) - Pell Creek and Tributaries

Grassed Waterways (2 waterways) - Pell Creek and Tributaries

Grade Stabilization Structures (3 new, 2 reconstructions [+30 yrs]) - Pell Creek and Tributaries

Actual Outcomes:

Project in Progress

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