FY 2010 Conservation Drainage Projects

Minnesota Board of Water and Soil Resources

County	Awarded Organization	Local Contact Information	Grant Amount Awarded	Project Title	Project Summary
Carver	Carver Soil and Water Conservation District	Mike Wanous 952.466.5235 mwanous@co.carver.mn.us	\$ 40.000	Carver County Ditch #4A Sediment Pond	The purpose of this project is to install a sediment pond along County Ditch #4A to trap sediment and pollutants before entering Bevens Creek. The construction of the sediment pond would coincide with a repair of the ditch to restore it to the original condition.
Freeborn	Greater Blue Earth Basin Alliance	Kay Clark David Bucklin 507.831.1153 kay.clark@windomnet.com	\$ 39,798	Cobb River Ditch Conservation Drainage Assessment	This project will develop local (SWCD & County) implementation strategies to reduce sediment yeild from the Cobb River ditch sub-watershed (32039) in the Cobb River watershed of the Blue Earth River basin. The effort will consider: 1) culvert sizing; 2) ravine stabilization practices; 3) side inlet controls; 4) alternative tile intakes; 5) wetland restoration; 6) perennial biofuel crops; 7) field erosion practices; 8) stream bank stabilization; 9) peremmial buffer strips; 10) cover crops; 11) controlled drainage; and 12) other considerations. A targeted and prioritized 5 year implementation plan will be developed to achieve effective and long-term flow control and sediment yield reduction for this sub-watershed.
Kandiyohi & Meeker	Middle Fork Crow River Watershed District	Chad Anderson 320.796.0888 chad@mfcrow.org	\$ 15,602	Conservation Drainage in the Middle Fork Crow River Watershed	This proposal is for the implementation of a pilot project that focuses on drainage water management via the installation of controlled drainage systems. Such systems have proven to significantly reduce water volumes, total phosphorus and nitrate export to receiving waters while improving crop yields. The program employs a plot study to quantify the impact of controlled drainage systems in West-Central Minnesota, the long term goal of which will be to promote a broader acceptance of such practices in the region.
Mower	Mower Soil and Water Conservation District	Bev Nordby 507.434.2680 bev.nordby@mowerswcd.org	\$ 71,600	Root River Conservation Drainage Integrated Whole Farm Designs	Established filtration basin provides conservation benefits, and this project will establish and improve unmet monitoring and related installation needs at this site southwest of Grand Meadow. This proposal increases filtration basin storage capacity, treats subsurface flow with managed drainage, and a woodchip bioreactor, and treats surface runoff with rock trench side inlets. Partners will conduct outreach and evaluate the applicability of these practices throughout the area.
Stearns & Pope	North Fork Crow River Watershed District	Allan Kuseske 320.346.2410 nfcrwsd@midstate.tds.net	\$ 33,000	Flood Damage Reduction in JD 1 Watershed	A flood damage reduction master plan will be prepared for the Judicial Ditch 1 watershed, which is tributary to the North Fork of the Crow River. Existing culverts within the watershed will be re-sized to reduce peak flow rates, flood damages and erosion potential downstream. In addition to reducing peak flow rates, flood damages and downstream erosion, increased sediment and nutrient removal through extended detention time is expected.