

#	Grant ID	Title of Proposal	Organization	County	Request (\$)	Recommended (\$)	Abstract	Score
1	C23-9708	Loon Lake Improvement - Jackson County Judicial Ditch 8	County	Jackson	\$390,000	\$ 390,000.00	Loon Lake, the receiving waterbody for Jackson Judicial Ditch 8 (JD8), is impaired for nutrients – with phosphorus being a primary concern, along with a delta of sediment forming where JD8 flows into Loon Lake. JD8 is impaired for benthic macroinvertebrates and fish bioassessments, which indicates that the long-term health of the system is poor. The project proposed in this application will construct a 4.6-acre constructed wetland along the JD8 open ditch, providing water storage and allowing sediment and nutrients to settle out before entering the lake. The constructed wetland is estimated to capture 461 tons of sediment and 248 pounds of phosphorus annually. Seventeen alternative side inlets (ASIs) are also proposed in this application. ASIs improve bank stability of the open ditch, reduce bank erosion, temporarily store water in the ditch buffer, and allow sediment and nutrients to settle out before reaching the open ditch. The ASIs will capture 52 tons of sediment and 72 pounds of phosphorus each year.	89.2
2	C23-6275	Improving Water Quality for Beaver Creek	SWCD	Renville	\$ 116,896.60	\$ 116,897.00	The proposed project will be in conjunction with an improvement project to the 103E Renville County Ditch 63 Lateral N (CD 63) system. The project will accomplish the construction of five water and sediment control basins (WASCOB) and five alternate intakes to replace open intakes within the CD63 system, which is the headwaters of Beaver Creek East Fork. The implementation of these conservation practices will achieve an estimated reduction of peak flows by 21% for a 2-year storm, a reduction of 48% for a 10-year storm, and a reduction of 32% for a 25-year storm. These water quality practices will achieve an estimated reduction of 103.02 tons per year (T/yr) of TSS, and 118.47 pounds per year (lbs/yr) of Phosphorus (P).	85.0
3	C23-8237	Judicial Ditch 15 BMPs	County	Lyon	\$ 48,952.50	\$ 48,953.00	In October 2018, a petition for improvement of Lyon-Redwood Joint Judicial Ditch No. 15 (JD15) was accepted by the Lyon-Redwood Joint Drainage Authority. To control gully erosion and improve water quality, four water and sediment control basins are being proposed. The basins will temporarily store overland runoff from within the watershed, allowing sediment and nutrients to settle out during dewatering. Clear Creek headwaters reach 07020006-567 is listed on the Minnesota Pollution Control Agency's 2022 impaired waters list for impairments due to total suspended solids. The proposed best management practices aim to reduce total suspended solids by 64.0 tons per year, soil by 294.8 tons per year, and phosphorus by 73.6 pound per year. Flow reduction of 0.7 cubic feet per second (CFS) (-1%) during 2-year events, 130.9 CFS (-53%) for the 10-year events and 28.7 CFS (-8%) for the 100-year event at the improved subsurface drain outlet of JD15 into the main open ditch.	84.6
4	C23-3377	WCD Sub-1 Water Quality Retrofit	Bois de Sioux WD	Traverse	525,000.00	\$ 244,150.00	The Bois De Sioux Watershed District (BdSWD) is partnering with the Wilkin County Soil and Water Conservation District (SWCD), Wilkin County, and landowners to reduce sediment load by 450 tons per year and phosphorus load by 90 pounds per year to the Bois de Sioux River. This project is estimated to meet 10% of the Bois de Sioux-Mustinka short term reduction goals for sediment and 28% of the short-term goal for phosphorus reduction in the planning region. Wilkin County Ditch #1 (WCD #1) outlets to the Bois de Sioux River, which is impaired for turbidity, dissolved oxygen, total phosphorus, and e. coli. The Bois de Sioux River flows into the Red River of the North. The project will improve drainage system efficiency and reduce future maintenance-related expenses, while reducing sediment and phosphorus loading, and improving turbidity and DO in WCD #1 and downstream waters. 56 grade stabilization structures (410) (i.e., side inlet structures) and 8 miles of continuous berms will be constructed as a permanent part of the main stem of WCD Sub 1 adjacent to Wilkin County Highway 430th Street.	84.2
					\$1,170,040	\$ 800,000.00		