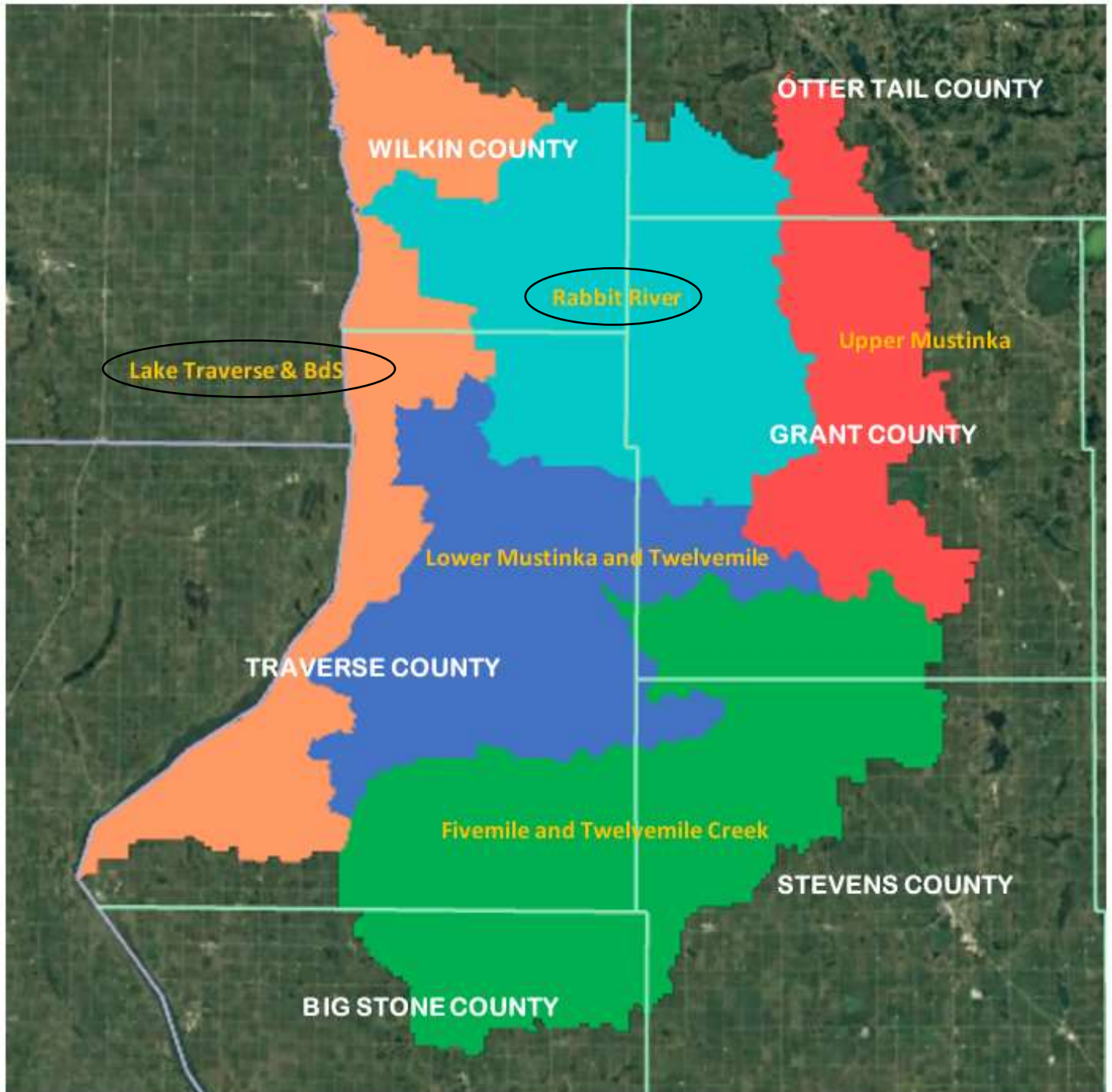


## **2021 – 2022 WATERSHED BASED IMPLEMENTATION FUNDING BUDGET**

*Projects may be completed 2021 - 2023*

The Bois de Sioux & Mustinka River Watershed Joint Comprehensive Watershed Planners will primarily focus on projects in two of our five planning regions (the Lake Traverse & Bois de Sioux River Planning Region and the Rabbit River Planning Region), in order to leverage current projects and funding for capital improvement projects planned for these regions during this timeframe.



### **Watershed Based Implementation Fund Budget:**

\$105,000	Agricultural Storage & Filtration Practices
\$100,000	Non-Structural Management Practices
\$194,000	Project Development (Ag Storage, Filtration, and Non-Structural Practices)
\$1,522	Well Sealing
\$115,000	Doran Creek Project Development
\$148,000	Judicial Ditch #6 Multipurpose Drainage Management Retrofit
\$325,000	Lake Traverse Water Quality Improvement Project
\$25,000	Grant Meeting Coordination
\$10,000	Progress Tracking & Evaluation
<u>\$41,000</u>	<u>Engineering Assistance</u>

**\$1,064,522 Total Watershed Based Implementation Funding**

Ag Practices \$105,000

Planning Region(s): Rabbit River & Lake Traverse BdS River

Locations: PTMApp and best professional judgement

Funding Priority: Filtration, storage, or protection practices within directly contributing catchments to TCD #52, JD #6, any laterals, or private systems.

Description: 19 filtration practices and  
1 storage practice or protection practice

Planning Region Outcomes: Progress towards ST & LT Goals will depend on where the practices are located  
Reductions: 16.3 tons/yr sediment; 11.6 lbs/yr TP; 6 ac-ft storage  
1.45% - 7.24% of short-term sediment goal | 0.06% - 0.27% of long-term  
0.24% - 0.49% of short-term storage goal | 0.04% - 0.31% of long-term  
3.63% - 6.11% of short-term phosphorous goal | 0.01% - 0.06% of long-term

Non-Structural Management Practices \$33,000

Planning Region(s): Rabbit River

Location: PTMApp and best professional judgement

Funding Priority: Filtration, storage, or protection practices within directly contributing catchments to TCD #52, JD #6, any laterals, or private systems.

Description: 250 acres targeted for tillage reduction practices and cover crop utilization with 3-Year contract

Planning Region Outcomes: Reductions: 358 tons/yr sediment; 35 ac-ft storage; 35 lbs/yr TP  
145.77% of short-term soil health goal | 1.62% of long-term  
317.78% of short-term sediment goal | 11.92% of long-term  
2.75% of short-term altered hydrology goal | 0.45% of long-term  
36.84% of short-term nutrient loading goal | 0.36% of long-term

Non-Structural Management Practices \$67,000

Planning Region(s): Lake Traverse & BdS River

Location: PTMApp and best professional judgement

Funding Priority: Filtration, storage, or protection practices within directly contributing catchments to TCD #52, JD #6, any laterals, or private systems.

Description: 250 acres targeted for tillage reduction practices and cover crop utilization with 3-Year contract

Planning Region Outcomes: Reductions: 358 tons/yr sediment; 35 ac-ft storage; 35 lbs/yr TP  
71.63% of short-term soil health goal | 1.09% of long-term  
63.56% of short-term sediment goal | 11.92% of long-term  
5.66% of short-term altered hydrology goal | 3.66% of long-term  
21.88% of short-term nutrient loading goal | 0.08% of long-term

Project Development (Ag, Non-Structural & Well Sealing) \$194,000

Planning Region(s): Rabbit River & Lake Traverse BdS River and Others

Funding Priority: 50% spent on project identification, promotion, and landowner outreach  
50% spent on education and contracting

Description: Project development for priority structural and non-structural ag practices

Planning Region Outcomes: Target 75% of Rabbit River and Lake Traverse Landowners  
Target 5% of landowners in other planning regions

Well Sealing \$1,522

Planning Region(s): Any

Description: Seal 2 Wells

Planning Region Outcomes: 8.33% of yearly goal

Doran Creek \$115,000

Planning Region(s): Lake Traverse & BdS River

Location: Doran Creek

Description: Project development

Outcomes: Channel design and regulatory coordination  
Outreach to landowners  
Eventual goal reductions: sediment, unstable channels, altered hydrology, nutrient loading and reductions for existing load for sediment and nutrients to Bois de Sioux River (-501)

JD #6 Multipurpose Drainage Management Retrofit \$148,000

Planning Region(s): Rabbit River

Location: JD #6, 6.1 miles

Description: 25% Match Added to Existing 50% Grant

Planning Region Outcomes: 384 tons/yr sediment reduction  
417 lbs/yr phosphorous reduction

170.67% of short-term sediment goal | 6.40% of long-term  
219.47% of short-term nutrient loading goal | 2.12% of long-term  
8.13% of ditch inadequacy goal | 1.05% of long-term  
8.13% of ditch instability goal | 1.05% of long-term  
5% of sediment reduction of existing load for Priority Resource Rabbit River (-512)  
4% of nutrient reduction of existing load for Priority Resource Rabbit River (-512)

Lake Traverse Water Quality Improvement Project \$325,000

Planning Region(s): Lake Traverse & BdS River

Location: Eroding Natural Drainageway & TCD #52

Description: 25% Match Added to Existing 50% Grant

Planning Region Outcomes: 450 tons/yr sediment reduction (Phase 2 only)  
113 lbs/yr phosphorous reduction (Phase 2 only)

40% of short-term sediment goal | 1.68% of long-term sediment goal (all 3 phases)  
35.31% of short-term nutrient loading goal | 0.12% of long-term nutrient loading goal

Admin & Technical Costs \$76,000

Grant and Meeting Coordination ..... \$25,000  
Progress Tracking & Evaluation ..... \$10,000  
Technical & Engineering Assistance ..... \$41,000