

Request for Funding

Lessard-Sams Outdoor Heritage Council Fiscal Year 2015 / ML 2014

Program or Project Title: DNR Grassland Phase 6

Funds Requested: \$2,942,000

Manager's Name: Mike Tenney

Title:

Organization: DNR Wildlife

Street Address: 500 Lafayette Rd

City: St. Paul, MN 55155

Telephone: 651-259-5230

E-Mail: michael.tenney@state.mn.us

Organization Web Site:

County Locations: Anoka, Becker, Beltrami, Big Stone, Blue Earth, Brown, Carver, Clay, Clearwater, Dakota, Douglas, Fillmore, Goodhue, Grant, Houston, Hubbard, Kandiyohi, Kittson, Lac qui Parle, Lyon, Mahnomon, Marshall, Meeker, Mille Lacs, Morrison, Nicollet, Norman, Olmsted, Otter Tail, Polk, Pope, Red Lake, Redwood, Roseau, Scott, Sherburne, Stevens, Swift, Todd, Traverse, Wabasha, Washington, Wilkin, Winona, and Yellow Medicine.

Ecological Planning Regions:

- Forest / Prairie Transition
- Southeast Forest
- Prairie
- Metro / Urban

Activity Type:

- Restore
- Enhance

Priority Resources Addressed by Activity:

- Prairie

Abstract:

Restoration and Enhancement of Prairie on WMA's, SNA's, AMA's and Native Prairie Banks in Minnesota. Conservation delivery to private landowners. Grazing disturbance provided for. Restoration and Enhancement of Bluff Prairies on State Forest Land in Southeast Minnesota.

Design and Scope of Work:

Minnesota's Wildlife Management Area system, started in 1951, has over 60 years of support . Over 1.3 million acres of habitat in over 1,400 WMAs are protected by the DNR. Restoration and enhancement of habitat on WMA's are core management principles. These networks provide diverse year-round food and cover for local wildlife, as well as resources for migratory wildlife. The Minnesota Prairie Conservation Plan stresses strategic habitat complexes that provide multiple benefits including water quality improvements, seed sources and local economic diversity.

Minnesota's Aquatic Management Area system was instigated in 1992. Over 800 miles of important shoreline fish and wildlife habitat have been protected, restored and enhanced. This proposal includes an additional 2000 acres

of grassland enhancement projects on AMA's

Minnesota's Scientific and Natural Area program, created by the 1969 Minnesota Legislature, currently administers over 140 natural areas and 100 Native Prairie Bank easements. Most restoration and enhancement practices being applied with this proposal have been proven to provide desired outcomes on existing state-managed lands. Through this funding, the state will be able to accelerate restoration and enhancement habitat improvements on state land and lands protected by permanent easement thereby providing for improved critical wildlife habitat and a more functional prairie landscape. Habitat improvement actions enhance existing degraded habitat to directly increase the productivity of nesting habitat for pheasants, waterfowl and a variety of non-game grassland species such as meadowlarks, longspurs, Species of Greatest Conservation Need and a suite of critical pollinator species.

Although Minnesota DNR has the training and know-how to restore high quality prairie vegetation current funding has been insufficient to meet all needs. Many sites on state lands are currently not being actively managed to full potential. Furthermore exotic and/or invasive plants are encroaching into them. Woody cover encroachment is an especially troublesome problem. Enhancement and restoration of prairie requires periodic disturbance such as prescribed burning, conservation grazing, haying, inter-seeding grasslands with native species, and up to five years post-seeding management. Newly acquired areas and state-owned marginal croplands also need to be seeded and treated. Harvesting and using high quality seed from established prairie sites to plant at other locations has proven to be highly cost-effective.

WMA Habitat Work (4,000 acres over 4 years) - Total \$721,000

Grassland restoration and enhancement work will be through techniques such as brush and tree removal, bare-ground seeding, grassland conversion, chemical treatment, mowing, inter-seeding, conservation grazing and burning. Seed will be obtained via harvesting of local native or restored prairie when possible and purchase of seed from vendors when necessary (following Operational Order 124). DNR will contract much of this work. Seed mixes used for prairie restoration and enhancement will be adequately diverse to provide pollinator habitat throughout the growing season. All other work will be done using Best Management Practices to ensure pollinator habitat consistent with MN Statute 84.973.

AMA Habitat Work (2000 acres over 4 Years)-Total \$217,920

Grassland enhancement will be through techniques such as grassland conversion, interseeding, chemical treatment, mowing and invasives control. As above, seed source and diversity will be via DNR Operational Order 124 and will address MN Statute 84.973.

WMA Conservation Grazing (9 miles of fence for 730 Acres)-Total \$46,035

There is an increasing willingness by Area Wildlife Managers to employ periodic planned disturbance regimes that mimic historic effects of large prairie grazers. Partnerships with private livestock owners will be formed to perform conservation grazing operations on WMA's in an attempt to increase grassland species and structural diversity. This application request funds the construction of 9 miles of perimeter fence to enable the treatment of 730 acres of prairie on Wildlife Management Areas in Big Stone and Swift counties.

Prairie Conservation Plan Delivery through Farm Bill Assistance Enhancement (8000 private acres affected over 4 years)-Total \$544,800 (\$125,000 each year for 4 years).

Minnesota DNR Wildlife decided in late FY 2013 to increase the amount of money normally dedicated toward the Farm Bill Assistance Partnership. In FY 2014, we will budget \$250,000 (\$150,000 Pheasant Stamp and \$100,000 Heritage Enhancement) for this purpose. In this proposal, we recommend an annual allocation of Pheasant Stamp money of \$125,000 and request that L-SOHC match this amount every year for four years starting with FY 15. Funds will be available for use by the Minnesota Farm Bill Assistance Program to target private land prairie conservation.

Ecological and Water Resources Habitat Work (approximately 7280 acres over 4 years) - Total \$1,412,150

Restoration of prairie will occur on 15 acres of severely altered lands by reconstructing native plant communities. These restorations are either in-holdings within a native prairie, or lands surrounding a native prairie. Seed will be collected from native prairies adjacent to the restorations or purchased from vendors with local seed sources. Seed mixes will be adequately diverse to provide pollinator habitat throughout the growing season. These restorations will expand existing prairie habitat and buffer native prairies from the impacts of adjacent land uses.

Funding requested for restoration projects will cover all costs and activities associated with reconstructing a prairie including project design, seedbed preparation, seed harvest, seed installation, and first year weed control. Prairie enhancement activities will be implemented on 7265 acres of existing SNA's, State Forest Land and Prairie Bank Easement sites. Funding requested for enhancement projects will cover all project costs and activities including project design, contract administration, staff time, equipment and supplies. These enhancement activities will focus on native prairies, but may include some restored prairies within the project sites. Many of these native prairie sites harbor rare and unique features, or are located on steep terrain, which require low impact management techniques (e.g. hand cutting of woody encroachment). These specialized prairie management techniques, and the skilled crews that implement them, can incur higher costs than similar lower diversity grassland projects.

Restoration and enhancement practices will be designed and administered by DNR staff, while implementation will use a combination of DNR staff and contracted services. There is a backlog of management needs on DNR administered lands and implementation of restoration and enhancement can begin immediately upon receipt of funds. Restoration and enhancement projects would be completed by the end of FY 19.

Planning

MN State-wide Conservation Plan Priorities:

- H1 Protect priority land habitats
- H5 Restore land, wetlands and wetland-associated watersheds
- H7 Keep water on the landscape

Plans Addressed:

- Driftless Area Restoration Effort
- Grassland Conservation Plan for Prairie Grouse
- Long Range Duck Recovery Plan
- Long Range Plan for the Ring-Necked Pheasant in MN
- Minnesota DNR Nongame Wildlife Plans
- Minnesota DNR Scientific and Natural Area's Long Range Plan
- Minnesota DNR Strategic Conservation Agenda
- Minnesota Prairie Conservation Plan
- Outdoor Heritage Fund: A 25 Year Framework
- Partners in Flight Grassland Bird Plan
- Tomorrow's Habitat for the Wild and Rare
- U.S. Prairie Pothole Joint Venture Plan

LSOHC Statewide Priorities:

- Address Minnesota landscapes that have historical value to fish and wildlife, wildlife species of greatest conservation need, Minnesota County Biological Survey data, and rare, threatened and endangered species inventories in land and water decisions, as well as long-term or permanent solutions to aquatic invasive species
- Are ongoing, successful, transparent and accountable programs addressing actions and targets of one or more of the ecological sections
- Ensures activities for "protecting, restoring and enhancing" are coordinated among agencies, non profits and others while doing this important work; provides the most cost-effective use of financial resources; and where possible takes into consideration the value of local outreach, education, and community engagement to sustain project outcomes
- Leverage effort and/or other funds to supplement any OHF appropriation
- Produce multiple enduring conservation benefits
- Restore or enhance habitat on permanently protected land

LSOHC Prairie Section Priorities:

- Protect, enhance, or restore existing wetland/upland complexes, or convert agricultural lands to new wetland/upland habitat complexes
- Protect, enhance, and restore remnant native prairie, Big Woods forests, and oak savanna
- Restore or enhance habitat on public lands

- Protect, enhance, and restore migratory habitat for waterfowl and related species, so as to increase migratory and breeding success

LSOHC Forest Prairie Transition Section Priorities:

- Protect, enhance, and restore wild rice wetlands, shallow lakes, wetland/grassland complexes, aspen parklands, and shoreland that provide critical habitat for game and nongame wildlife
- Protect, enhance, and restore rare native remnant prairie
- Protect, enhance, and restore migratory habitat for waterfowl and related species, so as to increase migratory and breeding success

LSOHC Metro Urban Section Priorities:

- Protect, enhance, and restore remnant native prairie, Big Woods forests, and oak savanna with an emphasis on areas with high biological diversity

LSOHC Southeast Forest Section Priorities:

- Protect, enhance, and restore remnant goat prairies

Relationship to Other Constitutional Funds:

- No Relationships Listed

Accelerates or Supplements Current Efforts:

This restoration and enhancement proposal plans for work on Wildlife Management Areas and Aquatic Management Areas that is supplemental to normal work load. WMA Conservation grazing contracts (Cooperative Farming Agreements or Agricultural Leases) will add needed disturbance regimes and will build and strengthen community relationships. Farm Bill Assistance partners will enhance our ability to provide conservation opportunities to private agricultural landowners. SNA and Prairie Bank restoration and enhancement will improve structural and species diversity for this extremely important and rare prairie habitat. Prairie Bank Easements provide perpetual easement protection for rare and important native prairie habitats while allowing the continuation of private land ownership.

Sustainability and Maintenance:

WMA and AMA

Routine maintenance will be accomplished by Area and Fisheries and Wildlife staff as part of their public land management responsibilities within future operating budgets. Cooperative Farming Agreement barter will allow for some maintenance to perimeter garzing fences. Periodic enhancements such as invasive species removal, prescribed burning, or supplemental vegetation planting will be accomplished through annual funding requests from a variety of funding sources including but not limited to Game and Fish Fund, Bonding, Gifts, Federal Sources, Environmental Trust Fund, and Outdoor Heritage Fund.

SNAs

The Division of Ecological and Water Resources and its protection, restoration, and enhancement activities are supported largely by special project funds. The ongoing maintenance of SNA administered lands requires the program to continually seek additional funds to perform its mission. In the future the SNA program will continue to seek Outdoor Heritage Funds as well as other project appropriations to protect, restore, and enhance natural areas.

Farm Bill Assistance

The delivery of private agricultural land conservation assistance will be enhanced by additional funds available to the Farm Bill Assitance Program.

Permanent Protection:

Is the activity on permanently protected land and/or public waters per MS 103G.005, Subd. 15? - **Yes (WMA, SNA, AMA, Private Land, State Forests)**

Accomplishment Timeline

Activity	Approximate Date Completed
WMA Restoration and Enhancement Habitat Work	6/30/18
Conservation Grazing via Perimeter Fence Construction Contracts	6/30/18
Private Agricultural Land Conservation Delivery Enhancement via Farm Bill Assistance Program	6/30/18
SNA and Prairie Bank Easement Restoration and Enhancement and SE Bluff Prairie Enhancement.	6/30/18
AMA Enhancement Habitat Work	6/30/18

Outcomes

Programs in forest-prairie transition region:

- Protected, restored, and enhanced nesting and migratory habitat for waterfowl, upland birds, and species of greatest conservation need *Grassland monitoring project by DNR Fish and Wildlife and Ecological and Water Resources, waterfowl and farmland wildlife surveys*
- Remnant native prairies are part of large complexes of restored prairies, grasslands, and large and small wetlands *Remnant prairie protection is the primary goal of the Prairie Plan and will be monitored yearly.*

Programs in metropolitan urbanizing region:

- No Programs Listed

Programs in southeast forest region:

- Remnant bluff prairies will be enhanced and expanded through the elimination of competing woody invasive species. EWR staff will monitor the progress of enhancement contracts.

Programs in prairie region:

- Improved condition of habitat on public lands *FAW and EWR restoration and enhancement project completion reports prepared annually*
- Increased participation of private landowners in habitat projects *The highly successful Prairie Bank Easement program will be continued and evaluated. Farm Bill Assistants will report success annually.*
- Key core parcels are protected for fish, game and other wildlife *Prairie Bank Easement procurement will be reviewed annually. Farm Bill assistants will report success annually. Local Technical Teams will target key core parcels.*

Budget Spreadsheet

Total Amount of Request: \$2,942,000

Budget and Cash Leverage

Budget Name	LSOHC Request	Anticipated Leverage	Leverage Source	Total
Personnel	\$536,300	\$0		\$536,300
Contracts	\$1,911,700	\$0		\$1,911,700
Fee Acquisition w/ PILT	\$0	\$0		\$0
Fee Acquisition w/o PILT	\$0	\$0		\$0
Easement Acquisition	\$0	\$0		\$0
Easement Stewardship	\$0	\$0		\$0
Travel	\$45,000	\$0		\$45,000
Professional Services	\$0	\$0		\$0
Direct Support Services	\$242,900	\$0		\$242,900
DNR Land Acquisition Costs	\$0	\$0		\$0
Capital Equipment	\$0	\$0		\$0
Other Equipment/Tools	\$34,000	\$0		\$34,000
Supplies/Materials	\$172,100	\$0		\$172,100
DNR IDP	\$0	\$0		\$0
Total	\$2,942,000	\$0	-	\$2,942,000

Personnel

Position	FTE	Over # of years	LSOHC Request	Anticipated Leverage	Leverage Source	Total
NR Specialist/Technician	1.75	4.00	\$367,500	\$0		\$367,500
Laborers	1.25	4.00	\$168,800	\$0		\$168,800
Total	3.00	8.00	\$536,300	\$0	-	\$536,300

Output Tables

Table 1. Acres by Resource Type

Type	Wetlands	Prairies	Forest	Habitats	Total
Restore	0	2,214	0	0	2,214
Protect in Fee with State PILT Liability	0	0	0	0	0
Protect in Fee W/O State PILT Liability	0	0	0	0	0
Protect in Easement	0	4,000	0	0	4,000
Enhance	0	15,796	0	0	15,796
Total	0	22,010	0	0	22,010

Table 2. Total Requested Funding by Resource Type

Type	Wetlands	Prairies	Forest	Habitats	Total
Restore	\$0	\$237,500	\$0	\$0	\$237,500
Protect in Fee with State PILT Liability	\$0	\$0	\$0	\$0	\$0
Protect in Fee W/O State PILT Liability	\$0	\$0	\$0	\$0	\$0
Protect in Easement	\$0	\$272,400	\$0	\$0	\$272,400
Enhance	\$0	\$2,432,100	\$0	\$0	\$2,432,100
Total	\$0	\$2,942,000	\$0	\$0	\$2,942,000

Table 3. Acres within each Ecological Section

Type	Metro/Urban	Forest/Prairie	SE Forest	Prairie	Northern Forest	Total
Restore	0	500	50	1,664	0	2,214
Protect in Fee with State PILT Liability	0	0	0	0	0	0
Protect in Fee W/O State PILT Liability	0	0	0	0	0	0
Protect in Easement	0	1,000	0	3,000	0	4,000
Enhance	656	4,161	1,775	9,204	0	15,796
Total	656	5,661	1,825	13,868	0	22,010

Table 4. Total Requested Funding within each Ecological Section

Type	Metro/Urban	Forest/Prairie	SE Forest	Prairie	Northern Forest	Total
Restore	\$0	\$34,100	\$35,400	\$168,000	\$0	\$237,500
Protect in Fee with State PILT Liability	\$0	\$0	\$0	\$0	\$0	\$0
Protect in Fee W/O State PILT Liability	\$0	\$0	\$0	\$0	\$0	\$0
Protect in Easement	\$0	\$68,100	\$0	\$204,300	\$0	\$272,400
Enhance	\$364,300	\$334,200	\$797,100	\$936,500	\$0	\$2,432,100
Total	\$364,300	\$436,400	\$832,500	\$1,308,800	\$0	\$2,942,000

Table 5. Target Lake/Stream/River Miles

0 miles

Parcel List

Section 1 - Restore / Enhance Parcel List

Anoka

Name	TRDS	Acres	Est Cost	Existing Protection?
Blaine Preserve SNA	03123226	8	\$20,000	Yes
Ham Lake AMA	03223221	19	\$8,000	Yes
Linwood Lake AMA	03322217	46	\$30,000	Yes

Becker

Name	TRDS	Acres	Est Cost	Existing Protection?
Bog Lake AMA	14036217	20	\$15,000	Yes
Straight River AMA	14036205	80	\$40,000	Yes
Straight River AMA	14036236	80	\$40,000	Yes

Beltrami

Name	TRDS	Acres	Est Cost	Existing Protection?
Balm Lake AMA	15035223	150	\$15,000	Yes
Big Turtle Lake AMA	14833227	28	\$30,000	Yes
Blackduck Lake AMA	14931209	15	\$15,000	Yes
Red Lake WMA (Area Wide)	15935208	650	\$47,000	Yes
Turtle River Lake AMA	14732212	3	\$5,000	Yes

Big Stone

Name	TRDS	Acres	Est Cost	Existing Protection?
Big Stone 6-1 NPB	12246206	7	\$2,500	Yes
Bonanza Prairie SNA	12348220	41	\$5,000	Yes
Johnson NPB	12247212	80	\$8,000	Yes
Lac Qui Parle	12045203	14	\$5,600	Yes
Schellberg NPB	12146201	35	\$5,000	Yes
Victory WMA	12245231	650	\$32,250	Yes

Blue Earth

Name	TRDS	Acres	Est Cost	Existing Protection?
Ida Lake AMA	10528212	3	\$5,000	Yes

Brown

Name	TRDS	Acres	Est Cost	Existing Protection?
Eden 19-1 NPB	11233219	22	\$40,000	Yes

Carver

Name	TRDS	Acres	Est Cost	Existing Protection?
Bavaria Lake AMA	11623219	6	\$5,000	Yes
Lotus Lake AMA	11623211	9	\$8,000	Yes
Zumbra Lake AMA	11624201	3	\$5,000	Yes

Clay

Name	TRDS	Acres	Est Cost	Existing Protection?
Assinaboia Prairie SNA	14245221	200	\$6,000	Yes
B-B Ranch NPB	14146213	512	\$6,000	Yes
Bicentennial Prairie SNA	14145205	150	\$6,000	Yes
Blanket Flower Prairie SNA	13744214	200	\$6,000	Yes
Felton Prairie County Land	14145206	150	\$6,000	Yes
Rogers NPB	13746227	40	\$2,000	Yes
Shrike Prairie SNA	14245230	45	\$2,000	Yes
Strand N NPB	14244219	45	\$2,000	Yes
Strand S NPB	14244230	160	\$6,000	Yes
Ulen 29 NPB	14244229	37	\$2,000	Yes

Clearwater

Name	TRDS	Acres	Est Cost	Existing Protection?
Long Lost Lake AMA	13437218	9	\$10,000	Yes

Dakota

Name	TRDS	Acres	Est Cost	Existing Protection?
Chimney Rock SNA	11417231	4	\$10,500	Yes
Vermillion River AMA	11418219	75	\$50,000	Yes

Douglas

Name	TRDS	Acres	Est Cost	Existing Protection?
Engelbrecht WMA	12737225	30	\$7,240	Yes
Lund 21 NPB	13040221	40	\$2,000	Yes
Lund 2 NPB	13040221	20	\$5,600	Yes
Lund 2 NPB	13040202	300	\$6,000	Yes
Lund 2 NPB	13040202	555	\$20,000	Yes
Roger M. Holmes WMA	12936214	78	\$18,120	Yes

Fillmore

Name	TRDS	Acres	Est Cost	Existing Protection?
Chosen Valley WMA	10412206	195	\$35,000	Yes
Dr. Johan C. Hvoslf WMA	10209226	14	\$10,500	Yes
Nosek WMA	10113224	11	\$19,000	Yes
Pin Oak Prairie SNA	10412224	17	\$4,250	Yes
Spring Valley WMA	10313208	43	\$8,000	Yes

Goodhue

Name	TRDS	Acres	Est Cost	Existing Protection?
River Terrace Prairie SNA	11217201	5	\$7,000	Yes
Spring Creek Prairie SNA	11315234	40	\$6,000	Yes
Spring Creek Prairie SNA	11315234	35	\$73,000	Yes

Grant

Name	TRDS	Acres	Est Cost	Existing Protection?
Olsen NPB	12841206	40	\$2,000	Yes
Woodke NPB	12741232	15	\$5,000	Yes
Woodke NPB	12741232	43	\$2,000	Yes

Houston

Name	TRDS	Acres	Est Cost	Existing Protection?
Ferndale Ridge WMA	10407232	15	\$10,000	Yes
Jefferson Twp State Forest	10104220	35	\$84,000	Yes
Mound Prairie SNA	10405234	20	\$3,000	Yes
Wetbark State Forest	10307212	50	\$120,000	Yes

Hubbard

Name	TRDS	Acres	Est Cost	Existing Protection?
Grace Lake AMA	14532205	12	\$12,000	Yes
Straight Lake AMA	13935210	7	\$7,000	Yes

Kandiyohi

Name	TRDS	Acres	Est Cost	Existing Protection?
Dietrich Lange WMA	12133229	23	\$50,600	Yes

Kittson

Name	TRDS	Acres	Est Cost	Existing Protection?
Karlstad Area Wide	15945217	500	\$75,000	Yes
Karlstad Area Wide	15945217	700	\$74,000	Yes
Lake Bronson SNA	16146225	100	\$4,000	Yes

Lac qui Parle

Name	TRDS	Acres	Est Cost	Existing Protection?
Lac Qui Parle	11845230	20	\$8,000	Yes
Lac Qui Parle	12045213	251	\$15,000	Yes
Salt Lake WMA	11746205	47	\$18,800	Yes
Wild Wings WMA	11643222	40	\$16,000	Yes

Lyon

Name	TRDS	Acres	Est Cost	Existing Protection?
Gadwall WMA	10942217	32	\$15,000	Yes
Garvin WMA	10941221	80	\$15,000	Yes

Mahnomon

Name	TRDS	Acres	Est Cost	Existing Protection?
Santee Prairie SNA	14541206	200	\$6,000	Yes

Marshall

Name	TRDS	Acres	Est Cost	Existing Protection?
Frank Rose AMA	15750230	110	\$11,000	Yes
Marsh Grove 36 NPB	15045236	300	\$6,000	Yes

Meeker

Name	TRDS	Acres	Est Cost	Existing Protection?
Jennie Lake AMA	11829233	6	\$5,000	Yes
Minniebelle Lake AMA	11831212	16	\$8,000	Yes
North Fork Crow River AMA	12132224	44	\$5,000	Yes
Thompson Lake AMA	11732217	54	\$50,000	Yes

Mille Lacs

Name	TRDS	Acres	Est Cost	Existing Protection?
Chuck Davis AMA	03626203	48	\$25,000	Yes

Morrison

Name	TRDS	Acres	Est Cost	Existing Protection?
McDougall AMA	03932229	30	\$20,000	Yes
Shamineau AMA	13231216	47	\$25,000	Yes

Nicollet

Name	TRDS	Acres	Est Cost	Existing Protection?
Swan Lake WMA (Area Wide)	11029224	295	\$55,000	Yes

Norman

Name	TRDS	Acres	Est Cost	Existing Protection?
Detroit Lakes Area Wide	14341205	250	\$65,000	Yes
Home Lake 28 NPB	14344228	18	\$2,000	Yes
Prairie Smoke Dunes SNA	14644217	450	\$6,000	Yes
Sandpiper Prairie SNA	14345204	200	\$6,000	Yes

Olmsted

Name	TRDS	Acres	Est Cost	Existing Protection?
Oronoco Prairie SNA	10814222	25	\$6,250	Yes
Oronoco Prairie SNA	10814222	12	\$29,400	Yes
Oronoco Prairie SNA	10814222	30	\$30,000	Yes

Otter Tail

Name	TRDS	Acres	Est Cost	Existing Protection?
Dead River-Walker Lake AMA	13440211	86	\$40,000	Yes
Nidaros 21 NPB	13239221	30	\$2,000	Yes
Otter Tail Prairie SNA	13144217	100	\$4,000	Yes
Wallace NPB	13140235	100	\$4,000	Yes

Polk

Name	TRDS	Acres	Est Cost	Existing Protection?
Crookston Prairie SNA	14944218	200	\$6,000	Yes
Foxboro Prairie SNA	14845203	80	\$3,200	Yes
Gully Fen SNA	15039224	300	\$6,000	Yes

Pope

Name	TRDS	Acres	Est Cost	Existing Protection?
Anderson Prairie	12438229	200	\$6,000	Yes
Blue Mounds 10-1	12439210	15	\$5,000	Yes
Blue Mounds 10-1	12439210	150	\$6,000	Yes
Glenwood AMA	12537208	197	\$50,000	Yes
Lake Johanna 31-2	12336231	30	\$2,000	Yes
Lake Johanna 31-2	12336231	66	\$10,000	Yes
Langhei Prairie SNA	12339232	20	\$2,000	Yes
Sedan Pond WMA	12537235	7	\$25,350	Yes
Selix NPB	12439209	15	\$2,000	Yes
Vegoe NPB	12438228	55	\$2,000	Yes

Red Lake

Name	TRDS	Acres	Est Cost	Existing Protection?
Lake Pleasant 22	15044222	25	\$2,000	Yes

Redwood

Name	TRDS	Acres	Est Cost	Existing Protection?
Cedar Rock SNA	11336203	30	\$65,000	Yes
Riverside AMA	11335228	212	\$30,000	Yes
Sanborn Lake AMA	10936227	61	\$15,000	Yes
Swedes Forest 22-1 NPB	11437222	15	\$35,000	Yes
Whispering Ridge	11436230	178	\$50,000	Yes

Roseau

Name	TRDS	Acres	Est Cost	Existing Protection?
Two Rivers Aspen Parkland SNA	16044220	500	\$6,000	Yes

Scott

Name	TRDS	Acres	Est Cost	Existing Protection?
Carls Lake AMA	11322201	3	\$5,000	Yes
Eagle Creek AMA	11521218	168	\$60,000	Yes
ODowd Lake AMA	11523224	6	\$7,000	Yes
Savage Fen SNA	11521217	80	\$169,000	Yes
St. Catherine Lake AMA	11322202	40	\$30,000	Yes

Sherburne

Name	TRDS	Acres	Est Cost	Existing Protection?
Uncas Dunes SNA	03427221	65	\$16,250	Yes

Stevens

Name	TRDS	Acres	Est Cost	Existing Protection?
Bill Freeman WMA	12342220	27	\$4,000	Yes
Verlyn Marth Prairie SNA	12642206	15	\$2,000	Yes

Swift

Name	TRDS	Acres	Est Cost	Existing Protection?
Clair Rollings WMA	12140221	80	\$10,000	Yes
Josart WMA	12140235	28	\$12,000	Yes

Todd

Name	TRDS	Acres	Est Cost	Existing Protection?
Little Birch AMA	12733224	24	\$20,000	Yes

Traverse

Name	TRDS	Acres	Est Cost	Existing Protection?
Spafford Prairie	12648212	60	\$2,000	Yes
Walls 18-1 NPB	12947207	24	\$2,000	Yes
Walls 7-1 NPB	12547207	40	\$2,000	Yes
Walls 7-2 NPB	12647207	15	\$2,000	Yes
Walls 8-1	12647208	40	\$2,000	Yes

Wabasha

Name	TRDS	Acres	Est Cost	Existing Protection?
Kellogg Weaver Dunes SNA	10909206	70	\$5,600	Yes
Kellogg Weaver Dunes SNA	10909201	135	\$22,800	Yes
McCarthy lake WMA	10910202	10	\$6,000	Yes
Whitewater WMA	10909231	40	\$26,500	Yes

Washington

Name	TRDS	Acres	Est Cost	Existing Protection?
Demontreville Lake AMA	02921204	7	\$10,000	Yes
Forest Lake AMA	03221211	87	\$50,000	Yes
Grey Cloud Dunes SNA	02721232	30	\$7,500	Yes
Grey Cloud Dunes SNA	02721232	14	\$17,600	Yes
Grey Cloud Dunes SNA	02721229	16	\$24,000	Yes
Lost Valley Prairie SNA	02720229	80	\$12,000	Yes
Lost Valley Prairie SNA	02720228	14	\$21,000	Yes
St. Croix Savanna SNA	02920215	9	\$11,000	Yes
St. Croix Savanna SNA	02920215	10	\$2,500	Yes

Wilkin

Name	TRDS	Acres	Est Cost	Existing Protection?
Bilden NPB	13545215	50	\$2,000	Yes
Tanberg 20 NPB	13545220	100	\$4,000	Yes

Winona

Name	TRDS	Acres	Est Cost	Existing Protection?
Whitewater WMA	10710202	85	\$204,000	Yes
Whitewater WMA (Area Wide)	10909231	600	\$20,000	Yes

Yellow Medicine

Name	TRDS	Acres	Est Cost	Existing Protection?
Mound Spring Prairie SNA	11546217	15	\$8,000	Yes
Mound Spring Prairie SNA	11546218	60	\$5,000	Yes
Mound Spring Prairie SNA	11546217	31	\$5,000	Yes
Swede Forest SNA	11438212	5	\$7,200	Yes

Section 2 - Protect Parcel List

No parcels with an activity type protect.

Section 2a - Protect Parcel with Bldgs

No parcels with an activity type protect and has buildings.

Section 3 - Other Parcel Activity

No parcels with an other activity type.