

Request for Funding

Lessard-Sams Outdoor Heritage Council Fiscal Year 2016 / ML 2015

Program or Project Title: DNR Grassland Phase 7

Funds Requested: \$13,640,700

Manager's Name: Mike Tenney

Title:

Organization: DNR Wildlife

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Organization Web Site:

County Locations: Anoka, Becker, Benton, Big Stone, Carver, Chippewa, Clay, Cottonwood, Crow Wing, Dodge, Douglas, Fillmore, Goodhue, Houston, Jackson, Kandiyohi, Kittson, Lac Qui Parle, Lincoln, Lyon, Mahnommen, Meeker, Mower, Nicollet, Norman, Olmsted, Otter Tail, Polk, Pope, Redwood, Renville, Roseau, Scott, Sherburne, Swift, Traverse, Wabasha, Washington, Wilkin, Winona, and Yellow Medicine.

Ecological Planning Regions:

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

Activity Type:

- Restore
- Enhance

Priority Resources Addressed by Activity:

- Prairie

Abstract:

We propose restoration and enhancement of prairie and savanna on WMA's, SNA's, and Native Prairie Banks in Minnesota and 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 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. 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 (approximately 5,860 acres over 5 years) - Total \$1,768,870

Grassland restoration and enhancement work will be through techniques such as brush and tree removal, bareground seeding, grassland conversion, chemical treatment, mowing, inter-seeding, 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.

Ecological and Water Resources Habitat Work (approximately 5,387 acres over 5 years) - Total \$1,692,015

Restoration of prairie will occur on 35 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 5352 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.

WMA Roving Crews (approximately 51,500 acres over 4 years) - \$5,499,505

WMA Roving Crews have proven to be an effective means to accomplish supplemental habitat work. We currently have three WMA Roving Crews working in Minnesota funded through four separate Outdoor Heritage Fund appropriations (two grassland and two wetland appropriations). The Region 4 Roving Crew is currently funded partially (75%) with the ML 2013 DNR Grasslands appropriation and these funds are scheduled to expire after the 2015 Fiscal Year. The Region 1 and 3 Roving Crews are Partially funded with the ML2012 DNR grassland appropriation, scheduled to expire after the 2016 Fiscal Year. We propose funding the Region 4 Crew with this new appropriation for 4 years, ending June 30, 2019, and Region 1 and 3 crews with this new appropriation for 3 years, ending June 30, 2019. We have estimated that the crews will spend approximately 15% of their time on restoration projects and 85% on enhancement projects.

Region 1, 3, and 4 Project Coordinators (One at 50%, two at 25% over 3 years) - \$356,700

All three Regional Project Coordinators are Partially funded through the ML 2013 OHF DNR grassland appropriation through fiscal year 2016 (50% for Region 4, 25% each for Regions 1 and 3). We propose funding all three coordinators with this appropriation for four years starting July 1, 2016 and ending June 30, 2019.

Prairie Plan Local Technical Team Enhancement Funds (approximately 15,000 acres over 5 years) - \$4,323,610

Prairie Plan Local Technical Teams are now up and running attempting to provide technical assistance and financial support to private Landowners with land protected by some types of perpetual easements. Teams have

identified unfunded enhancement project needs within their Prairie Core Focus Areas. We propose to provide \$4,000,000 over 5 years for significant targeted enhancement work on lands protected by perpetual easements that have unfunded enhancement needs. We hope to accumulate 15,000 acres in accomplishments over the life of this appropriation.

How the request addresses MN habitats:

Prairie habitats once covered one-third of the state but presently less than 2% remain. Native prairie, other grasslands that provides habitat for wildlife, and wetlands are key components of functional prairie landscapes that have the capacity to adapt to changing environmental conditions. These landscapes are places dominated by grasslands and wetlands that will support sustainable populations of wildlife and native plants as well as compatible economic uses. This proposal addresses several pressing issues including Prairie enhancement and restoration activities on State WMA's, SNA's, State Forest Land and on private land protected by perpetual easement. This will be accomplished using private contractors, vendors, permanent DNR staff and the perpetuation of three DNR Wildlife Roving Habitat Crews. Three Regional Project Coordinators will assure that OHF project funds are used strategically and as intended. A new initiative that provides enhancement funds to Prairie Conservation Plan Local Technical Teams will be very effective in providing needed assistance to private landowners who own property protected by specific perpetual easements that do not include enhancement funds.

Please explain the nature of urgency:

With less than 2% of Minnesota's prairie heritage remaining, we are at a critical junction in our history to act. Economic realities are culminating in a broad reduction in grasslands of all types. The Outdoor Heritage Fund is in a unique position to positively and strategically impact this trend.

Planning

MN State-wide Conservation Plan Priorities:

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

Plans Addressed:

- Minnesota Prairie Conservation Plan
- Outdoor Heritage Fund: A 25 Year Framework

Please describe the science based planning and evaluation model used:

The Minnesota Prairie Conservation Plan and the continued focus by all involved partners provides the model and strategic focus. We are charged with a 3 year update to the Prairie Plan that will be complete in July 2015. We are increasing our efforts to develop better evaluation and monitoring tools.

LSOHC Prairie Section Priorities:

- Protect, enhance, or restore existing wetland/upland complexes, or convert agricultural lands to new wetland/upland habitat complexes

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

LSOHC Northern Forest Section Priorities:

- No Northern Forest Priorities Listed

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

Accelerates or Supplements Current Efforts:

This restoration and enhancement proposal plans for work on Wildlife Management Areas, Scientific and Natural Areas, State Forest Land and Native Prairie Bank sites that is supplemental to normal work load. Restorations and enhancements will improve structural and species diversity for these extremely important and rare prairie habitats and some will provide needed travel connections to facilitate prairie obligate species movement. Private Landowners who own land protected by perpetual easement that provide no enhancement money will be able to realize these same benefits. State Wildlife Management Areas, in particular, will benefit by the restoration and enhancement efforts provided by the three Regional Roving Crews and Regional Project Coordinators.

Non-OHF Money Spent in the Past:

Appropriation Year	Source	Amount
2012	Game and Fish Fund (Wildlife Operations)	\$18,082,000
2012	Dedicated Account Funds (i.e. Pheasant Stamp, Duck Stamp, etc.)	\$4,013,000
2012	Heritage Enhancement Account (includes \$135,000 in NPB Funds)	\$3,079,000
2012	Environment and Natural Resource Trust Fund (EWR)	\$256,000
2013	Game and Fish Fund (Wildlife Operations)	\$20,544,000
2013	Dedicated Account Funds (i.e. Pheasant Stamp, Duck Stamp, etc.)	\$5,414,000
2013	Heritage Enhancement Account (includes \$135,000 in NPB Funds)	\$3,957,000
2013	Environment and Natural Resource Trust Fund (EWR)	\$255,000

Sustainability and Maintenance:

WMA's

Routine maintenance will be accomplished by Area Wildlife staff as part of their public land management responsibilities within future operating budgets. 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. Accomplishments will result from the use of extant personnel and equipment and through contracts with private and public vendors.

SNA's

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. Accomplishments will result from the use of extant personnel and equipment and through contracts with private and public vendors.

State Forest Lands

Bluff prairie integrity will be sustained through projects enacted as the result of continuing inter-divisional coordination.

Maintain Project Outcomes:

Year	Source of Funds	Step 1	Step 2	Step 3
2018	Game and Fish, dedicated funds, heritage enhancement, special SNA funds, general fund as appropriated	monitor initially completed enhancement parcels, crew projects	document success, problems, needs	determine capacity for traditional funds to satisfy needs
2019-2020	Game and Fish, dedicated funds, heritage enhancement, special SNA funds, general fund as appropriated	Monitor completed restoration parcels	document success, problems, needs	determine capacity for traditional funds to satisfy needs
2021 and beyond	Game and Fish, Dedicated funds, Heritage enhancement, special SNA funds, Outdoor Heritage Funds, Environment and Natural resources Trust Fund, general fund as appropriated	continue to monitor parcels and crew projects associated with this appropriation	document and plan management and enhancement strategies as needed	determine capacity of traditional funds to satisfy needs, future OHF enhancement and ENRTF enhancement funds for supplemental needs.

Applicable Criteria:

If funded, this proposal will meet all applicable criteria set forth in MS 97A.056? - Yes

Best Management Practice:

Will restoration and enhancement work follow best management practices including MS 84.973 Pollinator Habitat Program? - Yes

Permanent Protection:

Is the activity on permanently protected land per 97A.056, subd 13(f), tribal lands, and/or public waters per MS 103G.005, Subd. 15? - Yes (WMA, SNA, Private Land, State Forests, no)

Accomplishment Timeline

Activity	Approximate Date Completed
WMA Restoration and Enhancement Work (excluding Roving Crew projects)	6/30/20
SNA and Prairie Bank Restoration and Enhancement and SE Bluff Prairie Enhancement	6/30/20
WMA Restoration and Enhancement Work (Roving Crew projects only)	6/30/19
Other Perpetual Conservation Easement Enhancement	6/30/20

Outcomes

Programs in the northern forest region:

- A prairie restoration in Crow Wing County and a noxious weed project in Mahnomen County are on the parcel list. The projects target and perpetuate grassland dependent species.

Programs in forest-prairie transition region:

- Protected, restored, and enhanced aspen parklands and riparian areas *Six month accomplishments reported by Area Wildlife Managers, Roving Crew leaders, Regional Coordinators, SNA field staff. Evaluations take place over several years post treatment using various methods.*

Programs in metropolitan urbanizing region:

- Core areas protected with highly biologically diverse wetlands and plant communities, including native prairie, Big Woods, and oak savanna *Six month accomplishments reported by Area Wildlife Managers, Roving Crew leaders, Regional Coordinators, SNA field staff. Evaluations take place over several years post treatment using various methods.*

Programs in southeast forest region:

- Restoration and enhancement of bluff prairies and savannas

Programs in prairie region:

- Restored and enhanced upland habitats *Six month accomplishments reported by Area Wildlife Managers, Roving Crew leaders, Regional Coordinators, SNA field staff. Evaluations take place over several years post treatment using various methods.*

Relationship to Other Funds:

- No Relationships Listed

Budget Spreadsheet

Total Amount of Request: \$13,640,700

Budget and Cash Leverage

Budget Name	LSOHC Request	Anticipated Leverage	Leverage Source	Total
Personnel	\$4,396,000	\$0		\$4,396,000
Contracts	\$5,955,100	\$0		\$5,955,100
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	\$1,500,000	\$0		\$1,500,000
Professional Services	\$0	\$0		\$0
Direct Support Services	\$1,009,600	\$0		\$1,009,600
DNR Land Acquisition Costs	\$0	\$0		\$0
Capital Equipment	\$0	\$0		\$0
Other Equipment/Tools	\$90,000	\$0		\$90,000
Supplies/Materials	\$690,000	\$0		\$690,000
DNR IDP	\$0	\$0		\$0
Total	\$13,640,700	\$0	-	\$13,640,700

Personnel

Position	FTE	Over # of years	LSOHC Request	Anticipated Leverage	Leverage Source	Total
Regional Project Coordinators	1.00	3.00	\$330,000	\$0		\$330,000
Regional Roving Crew Laborers	5.00	4.00	\$930,000	\$0		\$930,000
Regional Roving Crew Laborers	10.00	3.00	\$1,400,000	\$0		\$1,400,000
2 Roving Crew Supervisors	2.00	3.00	\$660,000	\$0		\$660,000
1 Roving Crew Supervisor	1.00	4.00	\$440,000	\$0		\$440,000
NR Specialist/Tech	2.00	4.00	\$566,000	\$0		\$566,000
Laborer	0.50	4.00	\$70,000	\$0		\$70,000
Total	21.50	25.00	\$4,396,000	\$0	-	\$4,396,000

Amount of Request: \$13,640,700

Amount of Leverage: \$0

Leverage as a percent of the Request: 0.00%

Output Tables

Table 1a. Acres by Resource Type

Type	Wetlands	Prairies	Forest	Habitats	Total
Restore	0	8,500	0	0	8,500
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	0	0	0	0
Enhance	0	69,410	0	0	69,410
Total	0	77,910	0	0	77,910

Table 1b. How many of these Prairie acres are Native Prairie?

Type	Native Prairie
Restore	0
Protect in Fee with State PILT Liability	0
Protect in Fee W/O State PILT Liability	0
Protect in Easement	0
Enhance	0
Total	0

Table 2. Total Requested Funding by Resource Type

Type	Wetlands	Prairies	Forest	Habitats	Total
Restore	\$0	\$1,399,700	\$0	\$0	\$1,399,700
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	\$0	\$0	\$0	\$0
Enhance	\$0	\$12,241,000	\$0	\$0	\$12,241,000
Total	\$0	\$13,640,700	\$0	\$0	\$13,640,700

Table 3. Acres within each Ecological Section

Type	Metro/Urban	Forest/Prairie	SE Forest	Prairie	Northern Forest	Total
Restore	300	1,125	840	6,070	165	8,500
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	0	0	0	0	0
Enhance	2,150	11,550	4,750	50,060	900	69,410
Total	2,450	12,675	5,590	56,130	1,065	77,910

Table 4. Total Requested Funding within each Ecological Section

Type	Metro/Urban	Forest/Prairie	SE Forest	Prairie	Northern Forest	Total
Restore	\$35,000	\$140,000	\$210,000	\$946,000	\$50,000	\$1,381,000
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	\$0	\$0	\$0	\$0	\$0
Enhance	\$825,000	\$1,828,500	\$1,101,200	\$8,400,000	\$105,000	\$12,259,700
Total	\$860,000	\$1,968,500	\$1,311,200	\$9,346,000	\$155,000	\$13,640,700

Table 5. Average Cost per Acre by Resource Type

Type	Wetlands	Prairies	Forest	Habitats
Restore	\$0	\$165	\$0	\$0
Protect in Fee with State PILT Liability	\$0	\$0	\$0	\$0
Protect in Fee W/O State PILT Liability	\$0	\$0	\$0	\$0
Protect in Easement	\$0	\$0	\$0	\$0
Enhance	\$0	\$176	\$0	\$0

Table 6. Average Cost per Acre by Ecological Section

Type	Metro/Urban	Forest/Prairie	SE Forest	Prairie	Northern Forest
Restore	\$117	\$124	\$250	\$156	\$303
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	\$0	\$0	\$0	\$0
Enhance	\$384	\$158	\$232	\$168	\$117

Target Lake/Stream/River Feet or Miles

0

Parcel List

Section 1 - Restore / Enhance Parcel List

Anoka

Name	TRDS	Acres	Est Cost	Existing Protection?
Blaine Preserve	03123226	6	\$18,000	yes
Blaine Preserve	03123226	10	\$10,000	yes

Becker

Name	TRDS	Acres	Est Cost	Existing Protection?
Detroit Lakes Area WMA Buckthorn Removal	13939208	200	\$105,800	Yes
Detroit Lakes Area WMA Grassland Enhancement	14141206	650	\$133,200	Yes

Benton

Name	TRDS	Acres	Est Cost	Existing Protection?
Glendorado WMA Prairie Restoration	03628225	26	\$49,200	Yes

Big Stone

Name	TRDS	Acres	Est Cost	Existing Protection?
Appleton Area WMA Burning	12040220	775	\$75,000	Yes
Big Stone 6-1 NPB	12246206	8	\$3,000	Yes

Carver

Name	TRDS	Acres	Est Cost	Existing Protection?
Seminary Fen	11623235	6	\$25,000	yes
Seminary Fen	11623235	10	\$5,000	yes
Seminary Fen	11623235	10	\$6,000	yes

Chippewa

Name	TRDS	Acres	Est Cost	Existing Protection?
Gneiss Outcrops	11539211	10	\$20,000	Yes
Lac qui Parle WMA Haugen Tract	11942220	17	\$10,400	Yes
Lac qui Parle WMA Sandbo Tract	11942236	36	\$22,000	Yes
Lac qui Parle WMA Zemple Tract	12043233	3	\$1,850	Yes
Sween WMA (North) Woody Removal	11739233	61	\$15,000	Yes

Clay

Name	TRDS	Acres	Est Cost	Existing Protection?
Assinaboia Prairie SNA	14245221	200	\$10,000	Yes
B-B Ranch NPB	14146213	500	\$10,000	Yes
Bicentennial Prairie SNA	14145205	150	\$7,500	Yes
Blanket Flower Prairie SNA	13744214	15	\$20,000	Yes
Blanket Flower Prairie SNA	13744214	200	\$10,000	Yes
Shrike Prairie SNA	14245230	45	\$2,000	Yes
Syverson Prairie	14245228	100	\$5,000	Yes

Cottonwood

Name	TRDS	Acres	Est Cost	Existing Protection?
Ann 25-1 NPB	10838225	15	\$2,500	Yes

Crow Wing

Name	TRDS	Acres	Est Cost	Existing Protection?
Little Nokassippi WMA Restoration	04332226	37	\$32,800	Yes

Dodge

Name	TRDS	Acres	Est Cost	Existing Protection?
Hythecker Prairie SNA	10718231	20	\$3,000	Yes

Douglas

Name	TRDS	Acres	Est Cost	Existing Protection?
Lund 2 NPB	13040202	160	\$7,500	Yes

Fillmore

Name	TRDS	Acres	Est Cost	Existing Protection?
Chosen Valley WMA Woody Removal	10412206	195	\$39,400	Yes
Hvoslef WMA	10209226	14	\$16,700	Yes
Nosek WMA Woody Removal	10113224	50	\$7,000	Yes
Pin Oak Prairie	10412224	17	\$4,250	yes
Rushford South State Forest	10408225	20	\$54,000	Yes
Spring Valley WMA Woody Removal	10313208	43	\$12,400	Yes
Upper Iowa WMA Woody Removal	10113231	85	\$9,250	Yes

Goodhue

Name	TRDS	Acres	Est Cost	Existing Protection?
River Terrace Prairie	11217201	5	\$5,000	yes
River Terrace Prairie	11217201	25	\$12,000	yes
River Terrace Prairie	11217201	25	\$87,500	yes
River Terrace Prairie	11217201	35	\$8,750	yes
Spring Creek Prairie	11315234	5	\$2,500	yes
Spring Creek Prairie	11315234	15	\$58,500	yes

Houston

Name	TRDS	Acres	Est Cost	Existing Protection?
Cty 26 SF sites	10407218	17	\$45,900	Yes
Ferndale Ridge WMA Enhancement	10407232	15	\$8,200	Yes
Jefferson Twp State Forest (Whalen)	10104220	22	\$59,400	Yes
Wetbark State Forest	10307212	23	\$63,450	Yes
Wetbark State Forest	10307212	200	\$4,000	Yes

Jackson

Name	TRDS	Acres	Est Cost	Existing Protection?
Petersburg 26-1 NPB	10134226	2	\$500	Yes
Petersburg 27-1 NPB	10134227	5	\$1,000	Yes

Kandiyohi

Name	TRDS	Acres	Est Cost	Existing Protection?
Dietrich Lange WMA Restoration	12133229	18	\$7,000	Yes
Dietrich Lange WMA Woody Removal	12133229	23	\$35,000	Yes
New London Area WMA Prescribed Burning	12036227	506	\$37,950	Yes
Yohi WMA Restoration	11934212	8	\$10,400	Yes

Kittson

Name	TRDS	Acres	Est Cost	Existing Protection?
Lake Bronson SNA	16146225	100	\$5,000	Yes

Lac Qui Parle

Name	TRDS	Acres	Est Cost	Existing Protection?
Hantho 17-1 NPB	11943217	27	\$4,000	Yes
Hantho 25-1 NPB	11943225	90	\$4,500	Yes

Lincoln

Name	TRDS	Acres	Est Cost	Existing Protection?
Kvernmo WMA Restoration	11246222	23	\$4,600	Yes
Schindel WMA Restoration	10946222	27	\$5,400	Yes

Lyon

Name	TRDS	Acres	Est Cost	Existing Protection?
Custer 15-1 NPB	10941215	1	\$500	Yes

Mahnomens

Name	TRDS	Acres	Est Cost	Existing Protection?
Santee Prairie SNA	14541206	200	\$10,000	Yes

Meeker

Name	TRDS	Acres	Est Cost	Existing Protection?
New London Area WMA Woody Removal	11831233	165	\$99,000	Yes

Mower

Name	TRDS	Acres	Est Cost	Existing Protection?
Lena Larson WMA Savanna Enhancement	10117216	40	\$32,000	Yes
Ramsey Mill Pond WMA Woody Removal	10318214	50	\$16,500	Yes

Nicollet

Name	TRDS	Acres	Est Cost	Existing Protection?
Nicollet Area WMA Woody Removal	10225201	1,000	\$245,000	Yes

Norman

Name	TRDS	Acres	Est Cost	Existing Protection?
Prairie Smoke Dunes SNA	14644217	40	\$30,000	Yes
Prairie Smoke Dunes SNA	14644217	500	\$10,000	Yes
Sandpiper Prairie SNA	14345204	200	\$10,000	Yes

Olmsted

Name	TRDS	Acres	Est Cost	Existing Protection?
Oronoco Prairie	10814222	10	\$12,500	yes
Oronoco Prairie	10814222	15	\$4,500	yes
Rochester Area WMA Restoration	10713226	200	\$110,000	Yes
Rochester Area WMA Savanna Restoration	10515201	200	\$80,000	Yes

Otter Tail

Name	TRDS	Acres	Est Cost	Existing Protection?
Otter Tail Prairie SNA	13144217	100	\$5,000	Yes
Wallace NPB	13140235	100	\$5,000	Yes

Polk

Name	TRDS	Acres	Est Cost	Existing Protection?
Crookston Area WMA Interseeding	14845213	350	\$43,000	Yes
Crookston Area WMA Woody Removal	14844215	185	\$28,250	Yes
Crookston Prairie SNA	14944218	200	\$10,000	Yes
Foxboro Prairie SNA	14845203	80	\$4,000	Yes
Gully Fen SNA	15039224	100	\$5,000	Yes

Pope

Name	TRDS	Acres	Est Cost	Existing Protection?
Blue Mounds 10-1	12439210	30	\$25,000	Yes
Blue Mounds 10-1	12439210	200	\$10,000	Yes
Langhei Prairie SNA	12339232	20	\$2,000	Yes
Selix NPB	12439209	15	\$2,000	Yes
Vegoe NPB	12438228	55	\$2,000	Yes

Redwood

Name	TRDS	Acres	Est Cost	Existing Protection?
Cedar Rock WMA Seeding	11336204	50	\$4,100	Yes
Delhi 14-1 NPB	11336214	50	\$60,000	Yes
Lamberton 13-1 NPB	10937213	1	\$500	Yes
Lamberton 15-1 NPB	10937215	1	\$500	Yes
Lamberton WMA Restoration	10937213	130	\$78,000	Yes
Swedes Forest 21-1 NPB	11437221	15	\$3,000	Yes
Whispering Ridge (Cedar Rock) WMA Restoration	11336203	145	\$84,000	Yes

Renville

Name	TRDS	Acres	Est Cost	Existing Protection?
Lower Flora 3-1 NPB	11336203	12	\$3,000	Yes

Roseau

Name	TRDS	Acres	Est Cost	Existing Protection?
Roseau River WMA Ditch 95 Woody Removal	16244232	300	\$21,000	Yes
Two Rivers Aspen Parkland SNA	16044220	500	\$10,000	Yes

Scott

Name	TRDS	Acres	Est Cost	Existing Protection?
Savage Fen	11521217	40	\$60,000	yes

Sherburne

Name	TRDS	Acres	Est Cost	Existing Protection?
Harry Cater Prairie	03530222	11	\$3,500	yes

Swift

Name	TRDS	Acres	Est Cost	Existing Protection?
Fairfield 31-1 NPB	12242231	1	\$750	Yes

Traverse

Name	TRDS	Acres	Est Cost	Existing Protection?
Spafford Prairie	12648212	100	\$20,000	Yes
Walls 18-1 NPB	12946207	24	\$2,000	Yes
Walls 7-1 NPB	12547207	40	\$2,000	Yes
Walls 7-2 NPB	12647207	15	\$2,000	Yes

Wabasha

Name	TRDS	Acres	Est Cost	Existing Protection?
McCarthy Lake WMA Enhancement	11010235	30	\$18,050	Yes

Washington

Name	TRDS	Acres	Est Cost	Existing Protection?
Grey Cloud Dunes	02721232	17	\$58,000	yes
Grey Cloud Dunes	02721232	40	\$82,500	yes
Lost Valley Prairie	02720228	12	\$48,000	yes
Lost Valley Prairie	02720228	17	\$8,300	yes
Lost Valley Prairie	02720228	20	\$24,000	yes
Lost Valley Prairie	02720228	30	\$7,500	yes
St. Croix Savanna	02920215	10	\$3,500	yes
St. Croix Savanna	02920215	30	\$75,000	yes

Wilkin

Name	TRDS	Acres	Est Cost	Existing Protection?
Atherton 5-1	13646205	25	\$3,000	Yes
Tanberg 20 NPB	13545220	100	\$5,000	Yes

Winona

Name	TRDS	Acres	Est Cost	Existing Protection?
Whitewater WMA	10710202	50	\$135,000	Yes
Whitewater WMA Burning	10809204	400	\$20,000	Yes
Whitewater WMA Steel Bridge Seeding	10909231	40	\$26,500	Yes

Yellow Medicine

Name	TRDS	Acres	Est Cost	Existing Protection?
Ben Thovson WMA Seeding	11444206	53	\$10,500	Yes
Blue Devil Valley SNA	11539204	5	\$18,000	Yes
Minnesota Falls 10-1 NPB	11539210	15	\$2,000	Yes
Minnesota Falls 3-1 NPB	11539203	3	\$1,000	Yes
Minnesota Falls 3-1 NPB	11539203	75	\$8,500	Yes
Mound Spring Prairie SNA	11546218	60	\$5,000	Yes
Mound Spring Prairie SNA	11546229	8	\$16,000	Yes
Stony Run 11-1	11640211	10	\$12,000	Yes
Stony Run 11-1 NPB	11640211	15	\$3,000	Yes
Swedes Forest SNA	11438212	60	\$160,000	Yes

Section 2 - Protect Parcel List

No parcels with an activity type protect.

Section 2a - Protect Parcel with Bldgs

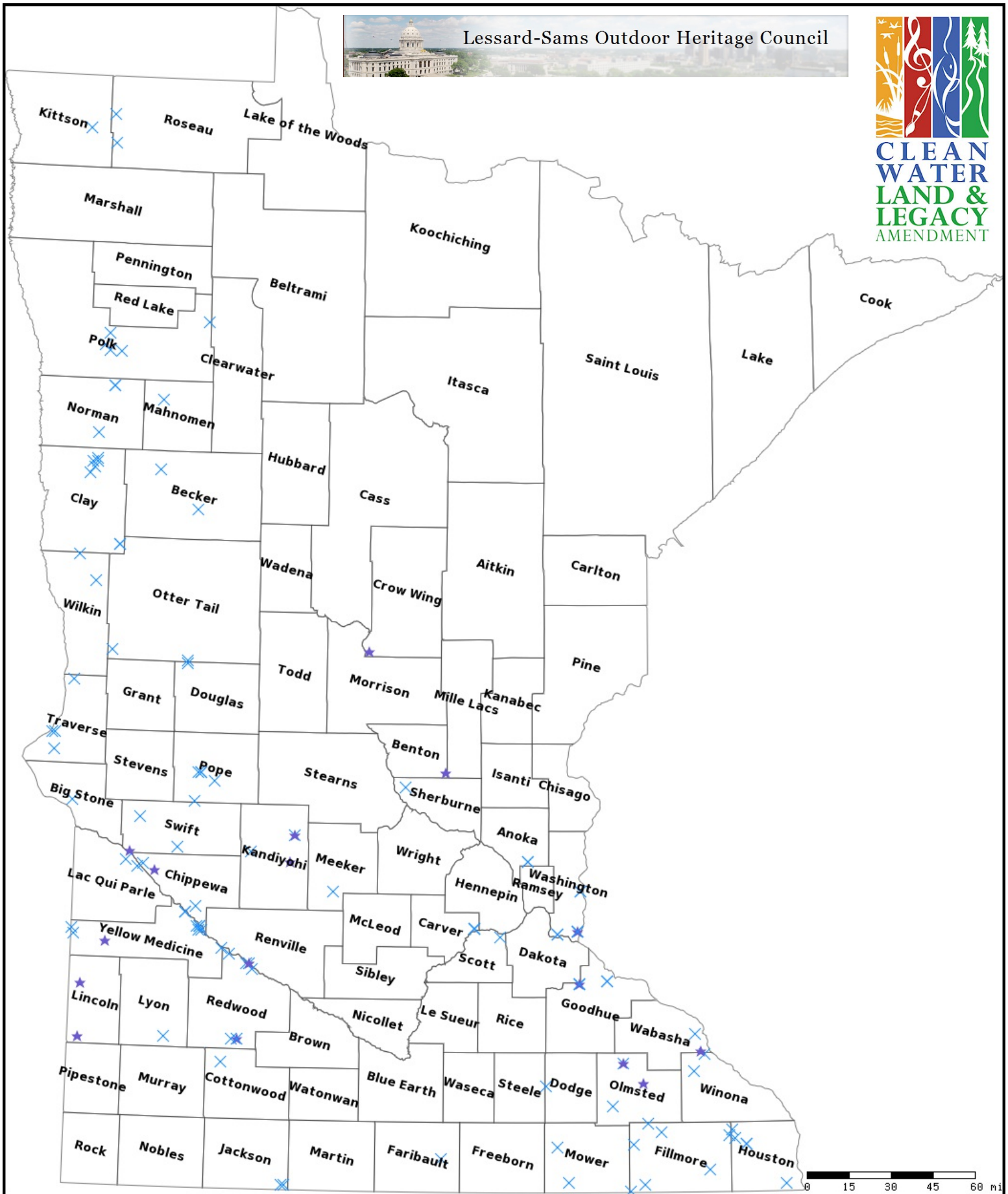
No parcels with an activity type protect and has buildings.

Section 3 - Other Parcel Activity

No parcels with an other activity type.



**CLEAN
WATER
LAND &
LEGACY**
AMENDMENT



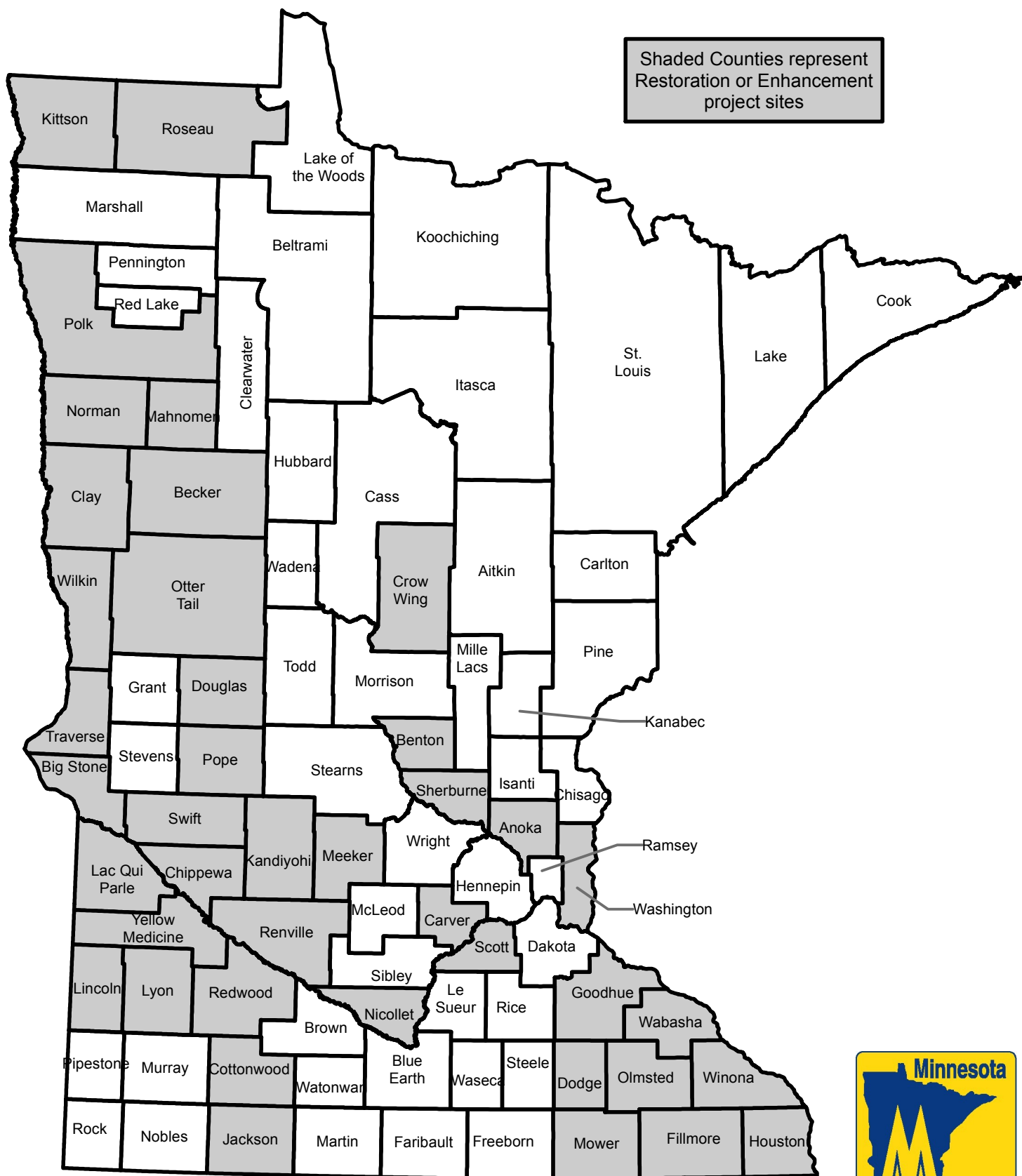
0 15 30 45 60 mi

Legend

- Protect in Easement
- ▲ Protect in Fee with PILT
- Protect in Fee w/o PILT
- ★ Restore
- × Enhance
- + Other

DNR Grassland Phase 7

Outdoor Heritage Fund FY 16 DNR grasslands Phase 7



Date: 2014-06-12