



# Lessard-Sams Outdoor Heritage Council

## Laws of Minnesota 2016 Accomplishment Plan

**Date:** October 16, 2015

**Program or Project Title:** DNR Grassland - Phase 8

**Funds Recommended:** \$ 3,983,000

**Manager's Name:** Greg Hoch

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**Legislative Citation:**

**Appropriation Language:**

**County Locations:** Anoka, Becker, Beltrami, Benton, Big Stone, Blue Earth, Brown, Chippewa, Clay, Cottonwood, Dodge, Douglas, Faribault, Fillmore, Goodhue, Grant, Houston, Hubbard, Jackson, Karlstad, Kittson, Lac Qui Parle, Lyon, Mahnomen, Marshall, Mower, Murray, Norman, Olmsted, Otter Tail, Pipestone, Polk, Pope, Redwood, Renville, Roseau, Stearns, Stevens, Swift, Traverse, Wadena, Washington, Wilkin, Winona, Wright, and Yellow Medicine.

**Regions in which work will take place:**

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

**Activity types:**

- Enhance
- Restore

**Priority resources addressed by activity:**

- Prairie

### Abstract:

We propose continued efforts to restore and enhance prairies, grasslands, and savannas on state protected lands (WMA, SNA, Native Prairie Bank) as well as on bluff prairies on State Forest lands in southeastern Minnesota.

### Design and scope of work:

Minnesota's Wildlife Management Area system covers over 1.3 million acres of habitat across 1400 WMAs protected and managed by the DNR. Minnesota's Scientific and Natural Area program currently administers over 220 natural areas totaling 215,600 acres and 100 Native Prairie Bank easements.

Enhancing existing acres and restoring new acres in the WMA system are core management principles of the DNR. These WMAs provide diverse food and cover for local and migratory wildlife, as well as pollinators. Restoration and enhancement practices being used with this proposal have been proven to provide desired outcomes on existing state-managed lands and reflect the most current science in

the areas of habitat management and restoration ecology. Through this funding, the state will accelerate restoration and enhancement habitat improvements on state land and lands protected by permanent easement. This will provide 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.

In recent years almost every species of wildlife dependent on grasslands and prairies has declined. Since 2007, Minnesota has lost 530,000 acres of CRP. Uncounted acres of native prairie have also been lost.

The following are taken from the DNR's 2014 Status of Wildlife Populations Report. Waterfowl: "The estimate of total duck abundance... was 31% lower than last year's estimate...and was 25% below the 10-year average and 24% below the long-term average." Pheasants: "The 2014 range-wide pheasant index (28.7 birds/100 mi) increased 6% from 2013 but was 58% below the 10-year average and 71% below the long-term average." From the 2014 State of the Birds Report: "Eastern grassland birds (such as Eastern Meadowlark and Bobolink) have continued a steady and precipitous decline." The Dakota Skippers and Poweshiek skipperlings are now federally listed, the decline in honeybees monarch butterflies have generated national media attention.

Aquatic habitats in western Minnesota are also declining. Studies by the University of Minnesota and the MPCA have shown links to water quality and grassland habitat. Restoration of new grasslands and enhancement of existing grasslands is crucial to changing these declines in wildlife populations and water quality.

Although Minnesota DNR has the training and knowledge 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. Tree encroachment is an especially troublesome problem. Enhancement and restoration of prairie requires periodic disturbance such as prescribed burning, conservation grazing, and haying. Harvesting and using high quality seed from established prairie sites to plant at nearby locations has proven to be highly cost-effective and ensures the use of local ecotype seed.

WMA Habitat Work (approximately 37,000 acres over 5 years) - Total \$1,105,400 + 289,000 for Direct and Necessary for WMA Habitat Work and Roving Crews

Grassland enhancement work will be through techniques such as brush and tree removal, grassland conversion, chemical treatment, mowing, and prescribed fire. 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 2360 acres over 5 years) - Total \$1,007,400

Restoration of prairie will occur on 387 acres of severely altered lands by reconstructing native plant communities suitable to that location and soil type. These restorations are either in-holdings within a native prairie, or lands adjacent to 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 6510 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 24,000 acres over 3 years) - \$1,581,200

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). We propose funding for 75% (upland/prairie) of the DNR Region 1 Roving crew for four years. These crews will spend approximately 15% of their time on restoration projects and 85% on enhancement projects.

Program managers may add, delete, and substitute projects on the approved parcel list based upon need, readiness, cost, opportunity, and/or urgency so long as the substitute parcel/project forwards the constitutional objectives of this program in the Project Scope table of this accomplishment plan. The final accomplishment plan report will include the final parcel list.

## Crops:

Will there be planting of corn or any crop on OHF land purchased or restored in this program - **Yes**

Explain

The primary purposes of WMAs are to develop and manage for the production of wildlife and for compatible outdoor recreation. To fulfill those goals, the DNR may use limited farming specifically to enhance or benefit the management of state lands for wildlife. This proposal may include initial development plans or restoration plans to utilize farming to prepare previously farmed sites for native plant seeding. This is a standard practice across the Midwest to prepare the seedbed for native seed planting. On a small percentage of WMAs (less than 2.5%), DNR uses farming to provide a winter food source for a variety of wildlife species in agriculture-dominated landscapes largely devoid of winter food sources.

Are any of the crop types planted GMO treated - **Yes**

## How does the request address MN habitats that have: historical value to fish and wildlife, wildlife species of greatest conservation need, MN County Biological Survey data, and/or rare, threatened and endangered species inventories:

Grasslands and prairies are the most endangered habitats in Minnesota. Less than two percent of the native prairie remains and lands in CRP and related programs have been lost at alarming rates in recent years. Minnesota's four Prairie Subsections contain between 78 and 116 Species of Greatest Conservation Need (SGCN). Of those species, 88 and 91% are listed due to Habitat Loss and Habitat Degradation respectively. Minnesota prairies are also home to the federally listed Dakota Skipper and Poweshiek's skipperling. Streams in southwestern Minnesota, where water quality is dependent on surrounding land use, are home to the federally listed Topeka shiner. Nationally, grassland nesting songbirds continue to be described as the most threatened group of birds in the country.

Minnesota also has a strong hunting heritage, especially of waterfowl and upland game such as prairie-chickens and pheasants. However, populations of all of these game species as well as hunter harvests have declined dramatically in recent years.

Fortunately, all of these species respond readily to grassland restoration and management.

## What is the nature of urgency and why it is necessary to spend public money for this work as soon as possible:

Minnesota has lost hundreds of thousands of acres of prairie and grassland in recent years. To sustain robust populations of many wildlife species, we will need to restore as many acres as possible and make sure the existing acres are highly productive.

## Describe the science based planning and evaluation model used:

This project is informed by the best available science for management techniques (prescribed burning, woody removal, etc) for improving habitat for grassland wildlife. The proposal also relies heavily on science-based landscape planning such as the MN Prairie Conservation Plan, Prairie Pothole Joint Venture, and others.

## Which sections of the Minnesota Statewide Conservation and Preservation Plan are applicable to this project:

- H3 Improve connectivity and access to recreation
- H5 Restore land, wetlands and wetland-associated watersheds

## Which other plans are addressed in this proposal:

- Minnesota Prairie Conservation Plan
- forthcoming Pheasant Summit Action Plan

## Which LSOHC section priorities are addressed in this proposal:

### Forest / Prairie Transition:

- 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

**Metro / Urban:**

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

**Northern Forest:**

- Not Listed

**Prairie:**

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

**Southeast Forest:**

- Protect, enhance, and restore remnant goat prairies

**Relationship to other funds:**

- Not Listed

**How does this proposal accelerate or supplement your current efforts in this area:**

These restoration and enhancement plans for work on Wildlife Management Areas, Scientific and Natural Areas, State Forest Land and Native Prairie Bank sites are supplemental to normal work load by area wildlife managers and DNR staff. 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.

**Describe the source and amount of non-OHF money spent for this work in the past:**

Appropriation Year	Source	Amount
2012	Game and Fish (wildlife operations)	18,082,000
2012	Dedicated Account Funds (pheasant stamp, duck stamp, etc)	4,013,000
2012	heritage enhancement acct (includes \$135,000 in NPB funds)	3,079,000
2012	environmental and natural resources trust fund (EWR)	256,000
2013	Game and Fish	20,544,000
2013	Dedicated Account Funds	5,414,000
2013	heritage enhancement acct	3,957,000
2013	ENRTF (EWR)	255,000

**How will you sustain and/or maintain this work after the Outdoor Heritage Funds are expended:**

**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 plantings 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 DNR staff 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.

## Explain the things you will do in the future to maintain project outcomes:

Year	Source of Funds	Step 1	Step 2	Step 3
2019	those listed above	monitor initially completed enhancement projects, roving crew projects	document successes, problems, needs	determine capacity for traditional funds to meet needs
2020-21	those listed above	monitor completed restoration parcels	document successes, problems, needs	determine capacity for traditional funds to meet needs
2022 and beyond	those listed above	continue long-term monitoring of sites	document and adjust practices as needed	determine capacity for traditional funds to meet needs, future OHF and ENRTF funds for supplemental needs

## Activity Details:

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

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

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, State Forests, Native Prairie Bank Easement)**

## Accomplishment Timeline:

Activity	Approximate Date Completed
WMA Restore/Enhance work (excluding Roving Crew)	6/30/2021
SNA and NPB Restore/Enhance work	6/30/2021
WMA Enhance (Roving Crew)	6/30/2019

**Date of Final Report Submission:** 11/1/2021

## Federal Funding:

Do you anticipate federal funds as a match for this program - **No**

## Outcomes:

### Programs in the northern forest region:

- Not Listed

### Programs in forest-prairie transition region:

- Protected, restored, and enhanced nesting and migratory habitat for waterfowl, upland birds, and species of greatest conservation need *These projects involve the general health and productivity of grasslands for all grass-dependent wildlife. Measures will include wildlife surveys done by DNR staff within EWR, Research and Habitat programs.*

### Programs in metropolitan urbanizing region:

- Not Listed

### Programs in southeast forest region:

- Remnant goat prairies are perpetually protected *DNR Area Staff and DNR EWR staff will be primarily in charge of monitoring these sites.*

### Programs in prairie region:

- Restored and enhanced upland habitats *There are already several long-term monitoring projects under the MN Prairie Conserv Plan. These data are collected by DNR EWR, DNR Research, DNR Habitat Teams, TNC, and USFWS.*

# Budget Spreadsheet

*Budget reallocations up to 10% do not require an amendment to the Accomplishment Plan*

**How will this program accommodate the reduced appropriation recommendation from the original proposed requested amount**

We will fully fund the roving crew and reduce acreages for other activities accordingly.

**Total Amount of Request: \$ 3983000**

## Budget and Cash Leverage

Budget Name	LSOHC Request	Anticipated Leverage	Leverage Source	Total
Personnel	\$1,429,300	\$0		\$1,429,300
Contracts	\$1,376,500	\$0		\$1,376,500
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	\$454,200	\$0		\$454,200
Professional Services	\$0	\$0		\$0
Direct Support Services	\$373,300	\$0		\$373,300
DNR Land Acquisition Costs	\$0	\$0		\$0
Capital Equipment	\$0	\$0		\$0
Other Equipment/Tools	\$2,500	\$0		\$2,500
Supplies/Materials	\$347,200	\$0		\$347,200
DNR IDP	\$0	\$0		\$0
Total	\$3,983,000	\$0		\$3,983,000

## Personnel

Position	FTE	Over # of years	LSOHC Request	Anticipated Leverage	Leverage Source	Total
SNA / Ecological and Water Resources (EWR)	1.11	4.00	\$297,600	\$0		\$297,600
WMA Roving Crew - Fish and Wildlife (FAW)	6.00	3.00	\$1,131,700	\$0		\$1,131,700
Total	7.11	7.00	\$1,429,300	\$0		\$1,429,300

Amount of Request: \$3,983,000

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	30	0	0	30
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	64,030	0	0	64,030
Total	0	64,060	0	0	64,060

**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	\$59,500	\$0	\$0	\$59,500
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	\$3,923,500	\$0	\$0	\$3,923,500
Total	\$0	\$3,983,000	\$0	\$0	\$3,983,000

**Table 3. Acres within each Ecological Section**

Type	Metro Urban	ForestPrairie	SE Forest	Prairie	N Forest	Total
Restore	0	0	0	30	0	30
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	1,200	6,110	430	55,820	470	64,030
Total	1,200	6,110	430	55,850	470	64,060

**Table 4. Total Requested Funding within each Ecological Section**

Type	Metro Urban	ForestPrairie	SE Forest	Prairie	N Forest	Total
Restore	\$0	\$0	\$0	\$59,500	\$0	\$59,500
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	\$147,000	\$331,500	\$89,500	\$3,294,400	\$61,100	\$3,923,500
Total	\$147,000	\$331,500	\$89,500	\$3,353,900	\$61,100	\$3,983,000

**Table 5. Average Cost per Acre by Resource Type**

Type	Wetlands	Prairies	Forest	Habitats
Restore	\$0	\$1983	\$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	\$61	\$0	\$0

**Table 6. Average Cost per Acre by Ecological Section**

Type	Metro/Urban	Forest/Prairie	SE Forest	Prairie	Northern Forest
Restore	\$0	\$0	\$0	\$1983	\$0
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	\$123	\$54	\$208	\$59	\$130

**Target Lake/Stream/River Feet or Miles**

0



## Parcel List

*For restoration and enhancement programs ONLY: Managers may add, delete, and substitute projects on this parcel list based upon need, readiness, cost, opportunity, and/or urgency so long as the substitute parcel/project forwards the constitutional objectives of this program in the Project Scope table of this accomplishment plan. The final accomplishment plan report will include the final parcel list.*

### Section 1 - Restore / Enhance Parcel List

#### Anoka

Name	TRDS	Acres	Est Cost	Existing Protection?
Blaine Preserve	03123226	5	\$9,000	Yes
Blaine Preserve	03123226	8	\$28,000	Yes
Blaine Preserve	03123226	10	\$14,000	Yes
Carlos Avery WMA	03322233	410	\$2,055	Yes

#### Becker

Name	TRDS	Acres	Est Cost	Existing Protection?
Detroit Lakes area WMAs	13939208	90	\$2,877	Yes
Detroit Lakes area WMAs	13939208	2,400	\$2,740	Yes
Detroit Lakes area WMAs	14141206	290	\$75,350	Yes

#### Beltrami

Name	TRDS	Acres	Est Cost	Existing Protection?
Red Lake WMA	15836233	410	\$32,195	Yes
Thief River Falls area WMAs	15245218	100	\$124,571	Yes

#### Benton

Name	TRDS	Acres	Est Cost	Existing Protection?
Little Falls area WMAs	12733209	685	\$2,740	Yes
Little Falls area WMAs	12735204	137	\$343	Yes
Little Falls area WMAs	12735204	178	\$1,370	Yes

#### Big Stone

Name	TRDS	Acres	Est Cost	Existing Protection?
Appleton area WMAs	12040220	530	\$51,375	Yes
Big Stone 6-1 NPB	12246206	4	\$4,000	Yes
Bonanza Prairie SNA	12348220	30	\$5,500	Yes

#### Blue Earth

Name	TRDS	Acres	Est Cost	Existing Protection?
Nicollet area WMAs	10525234	220	\$76,720	Yes

#### Brown

Name	TRDS	Acres	Est Cost	Existing Protection?
Eden North 19-1 NPB	11233219	10	\$23,000	Yes

#### Chippewa

Name	TRDS	Acres	Est Cost	Existing Protection?
New London area WMAs	11733221	348	\$25,996	Yes

#### Clay

Name	TRDS	Acres	Est Cost	Existing Protection?
B-B Ranch NPB	14146213	70	\$9,000	Yes
Blanket Flower Prairie SNA	13744214	30	\$5,500	Yes
Felton Prairie-Assinaboa Prairie SNA	14245229	30	\$5,500	Yes
Felton Prairie-Bicentennial Prairie SNA	14145205	30	\$5,500	Yes
Felton Prairie-County Prairie	14245231	60	\$6,000	No
Felton Prairie-Shrike SNA	14245230	30	\$5,500	Yes
Fergus Falls area WMAs	13140217	50	\$8,905	Yes
Fergus Falls area WMAs	13143222	140	\$685	Yes
Fergus Falls area WMAs	13144232	1,370	\$685	Yes
Strand N & S NPB	14244230	40	\$5,000	Yes
Ulen 29-1 NPB	14244229	20	\$4,000	Yes

## Cottonwood

Name	TRDS	Acres	Est Cost	Existing Protection?
Ann 25-1 NPB	10838225	10	\$3,500	Yes
Talcot Lake WMA	10538219	1,000	\$31,510	Yes

## Dodge

Name	TRDS	Acres	Est Cost	Existing Protection?
Iron Horse Prairie SNA	10517227	10	\$3,500	Yes
Owatonna area WMAs	10114205	55	\$1,370	Yes
Owatonna area WMAs	10117211	150	\$6,439	Yes

## Douglas

Name	TRDS	Acres	Est Cost	Existing Protection?
Lund 21-1 NPB	13040221	5	\$9,000	Yes
Lund 21-2 NPB	13040221	25	\$4,000	Yes
Lund 2 NPB	13004002	70	\$6,000	Yes

## Faribault

Name	TRDS	Acres	Est Cost	Existing Protection?
Nicollet area WMAs	10225201	680	\$102,750	Yes
Osmundson Prairie SNA	10124236	2	\$1,500	Yes

## Fillmore

Name	TRDS	Acres	Est Cost	Existing Protection?
Rochester area WMAs	10113233	137	\$43,498	Yes
Rochester area WMAs	10412206	130	\$26,030	Yes
Rushford Sand Barrens	10408228	35	\$50,000	Yes

## Goodhue

Name	TRDS	Acres	Est Cost	Existing Protection?
Cannon River Turtle Preserve	11316224	5	\$5,400	Yes
Cannon River Turtle Preserve	11316224	6	\$5,000	Yes
Cannon River Turtle Preserve	11316224	7	\$25,000	Yes
River Terrace Prairie	11217201	5	\$6,000	Yes
River Terrace Prairie	11217201	45	\$65,000	Yes

## Grant

Name	TRDS	Acres	Est Cost	Existing Protection?
Glenwood area WMAs	12342220	20	\$22,708	Yes
Olsen NPB	12841206	20	\$3,000	Yes

## Houston

Name	TRDS	Acres	Est Cost	Existing Protection?
Gilmer	10406202	10	\$13,000	Yes
Holen	10406204	10	\$13,000	Yes
Jefferson State Forest	10104220	20	\$30,000	Yes
Reno State Forest	10204226	35	\$9,000	Yes
Vinegar Ridge State Forest	10407227	60	\$80,000	Yes
Visger	10405225	15	\$18,000	Yes
Yucatan Area State Forest	10307212	20	\$30,000	Yes

## Hubbard

Name	TRDS	Acres	Est Cost	Existing Protection?
Badoura JP woodland SNA	13935211	70	\$6,000	Yes
LaSalle Lake SNA	14535230	12	\$4,000	Yes

## Jackson

Name	TRDS	Acres	Est Cost	Existing Protection?
Belmont 5-1 NPB	10335205	1	\$1,500	Yes
Petersburg 26-1 NPB	10134226	2	\$1,500	Yes
Petersburg 27-1 NPB	10134227	5	\$1,500	Yes
Windom area WMAs	10332210	200	\$1,713	Yes
Windom area WMAs	10436218	960	\$343	Yes

## Karlstad

Name	TRDS	Acres	Est Cost	Existing Protection?
Karlstad area WMAs	16045216	548	\$54,800	Yes

## Kittson

Name	TRDS	Acres	Est Cost	Existing Protection?
Karlstad area WMAs	15750215	70	\$2,740	Yes
Lake Bronson Aspen Parkland	16146225	3	\$8,000	Yes
Lake Bronson Aspen Parkland	16146225	50	\$5,500	Yes

## Lac Qui Parle

Name	TRDS	Acres	Est Cost	Existing Protection?
Appleton area WMAs	11744235	430	\$36,305	Yes

## Lyon

Name	TRDS	Acres	Est Cost	Existing Protection?
Marshall area WMAs	11041219	200	\$39,730	Yes

## Mahnomens

Name	TRDS	Acres	Est Cost	Existing Protection?
Santee Prairie SNA	14541216	60	\$6,500	Yes

## Marshall

Name	TRDS	Acres	Est Cost	Existing Protection?
Marsh Grove 36 NPB	15645236	70	\$6,000	Yes

## Mower

Name	TRDS	Acres	Est Cost	Existing Protection?
Owatonna area WMAs	10117216	30	\$4,110	Yes

## Murray

Name	TRDS	Acres	Est Cost	Existing Protection?
Lundblad Prairie SNA	10541201	25	\$4,000	Yes

## Norman

Name	TRDS	Acres	Est Cost	Existing Protection?
Prairie Smoke Dunes SNA	14644217	60	\$6,000	Yes
Sandpiper Prairie SNA	14440233	60	\$6,000	Yes

## Olmsted

Name	TRDS	Acres	Est Cost	Existing Protection?
Oronoco Prairie	10814222	5	\$10,000	Yes
Oronoco Prairie	10814222	12	\$8,000	Yes
Oronoco Prairie	10814222	15	\$6,000	Yes
Rochester area WMAs	10713232	30	\$41,100	Yes

## Otter Tail

Name	TRDS	Acres	Est Cost	Existing Protection?
Fergus Falls area WMAs	13140217	130	\$2,055	Yes
Nidaros 21 NPB	13239221	55	\$5,500	Yes
Ottertail Prairie SNA	13144217	60	\$6,000	Yes
Wallace NPB	13140235	60	\$5,500	Yes

## Pipestone

Name	TRDS	Acres	Est Cost	Existing Protection?
Prairie Coteau SNA	10844232	20	\$3,000	Yes

## Polk

Name	TRDS	Acres	Est Cost	Existing Protection?
Crookston area WMAs	14844215	130	\$19,009	Yes
Crookston area WMAs	14845213	240	\$29,113	Yes
Crookston Prairie SNA	14944219	5	\$10,000	Yes
Pembina Trail Preserve-Foxboro	14845203	50	\$5,500	Yes

## Pope

Name	TRDS	Acres	Est Cost	Existing Protection?
Blue Mounds 10-1	12439210	6	\$12,000	Yes
Blue Mounds 10-1 NPB	12439210	60	\$6,000	Yes
Glenwood area WMAs	12540212	140	\$6,850	Yes
Langhei Prairie SNA	12339232	25	\$4,000	Yes

## Redwood

Name	TRDS	Acres	Est Cost	Existing Protection?
Delhi 14-1 NPB	11336214	8	\$15,000	Yes
Swedes Forest 21-1 NPB	11437221	10	\$12,000	Yes
Swedes Forest 22-2 NPB	11437222	5	\$12,000	Yes

Renville

Name	TRDS	Acres	Est Cost	Existing Protection?
New London area WMAs	11336211	30	\$20,550	Yes

Roseau

Name	TRDS	Acres	Est Cost	Existing Protection?
Roseau River WMA	16244232	200	\$16,440	Yes
Roseau River WMA	16343217	19,500	\$80,899	Yes
Two Rivers Aspen Parkland SNA	16044220	2	\$5,000	Yes
Two Rivers Aspen Parkland SNA	16044220	80	\$9,000	Yes

Stearns

Name	TRDS	Acres	Est Cost	Existing Protection?
Sauk Rapids area WMAs	12125206	50	\$6,850	Yes
Sauk Rapids area WMAs	12332227	200	\$4,795	Yes
Sauk Rapids area WMAs	12335209	4,283	\$3,768	Yes

Stevens

Name	TRDS	Acres	Est Cost	Existing Protection?
Verlyn Marth Prairie SNA	12642206	20	\$4,000	Yes

Swift

Name	TRDS	Acres	Est Cost	Existing Protection?
Fairfield 31-1 NPB	12242231	1	\$1,000	Yes

Traverse

Name	TRDS	Acres	Est Cost	Existing Protection?
Fibranz NPB	12647206	45	\$6,000	Yes
Walls 18-1 NPB	12647218	22	\$4,000	Yes
Walls 7-1 NPB	12647207	50	\$5,500	Yes
Walls 7-2 NPB	12647207	20	\$4,000	Yes
Windsor 13-1 NPB	12648213	5	\$7,000	Yes
Windsor 13-1 NPB	12648213	60	\$6,000	Yes

Wadena

Name	TRDS	Acres	Est Cost	Existing Protection?
Park Rapids area WMAs	13733205	480	\$55,177	Yes

Washington

Name	TRDS	Acres	Est Cost	Existing Protection?
Grey Cloud Dunes	02721232	5	\$9,000	Yes
Grey Cloud Dunes	02721232	10	\$9,000	Yes
Grey Cloud Dunes	02721232	16	\$64,000	Yes
Grey Cloud Dunes	02721232	25	\$8,000	Yes
Lost Valley Prairie	02720228	5	\$13,000	Yes
Lost Valley Prairie	02720228	10	\$46,000	Yes
Lost Valley Prairie	02720228	20	\$37,000	Yes
St. Croix Savanna	02920215	10	\$35,000	Yes

Wilkin

Name	TRDS	Acres	Est Cost	Existing Protection?
Atherton 5-1 NPB	13646205	45	\$4,500	Yes
Bilden NPB	13545215	25	\$4,000	Yes
Tanberg 20 NPB	13545220	60	\$6,500	Yes
Tanberg 29-1 NPB	13545229	70	\$6,500	Yes

Winona

Name	TRDS	Acres	Est Cost	Existing Protection?
Whitewater area WMAs	10810226	270	\$13,700	Yes
Whitewater WMA	10710202	70	\$6,500	Yes

Wright

Name	TRDS	Acres	Est Cost	Existing Protection?
Sauk Rapids area WMAs	12024217	50	\$21,920	Yes

Yellow Medicine

Name	TRDS	Acres	Est Cost	Existing Protection?
Minnesota Falls 10-1 NPB	11539210	5	\$2,000	Yes
Minnesota Falls 3-1 NPB	11539203	5	\$7,000	Yes
Minnesota Falls 3-1 NPB	11539215	3	\$2,000	Yes
Mound Spring Prairie SNA	11546218	50	\$5,500	Yes
Swedes Forest SNA	11438212	15	\$4,000	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**

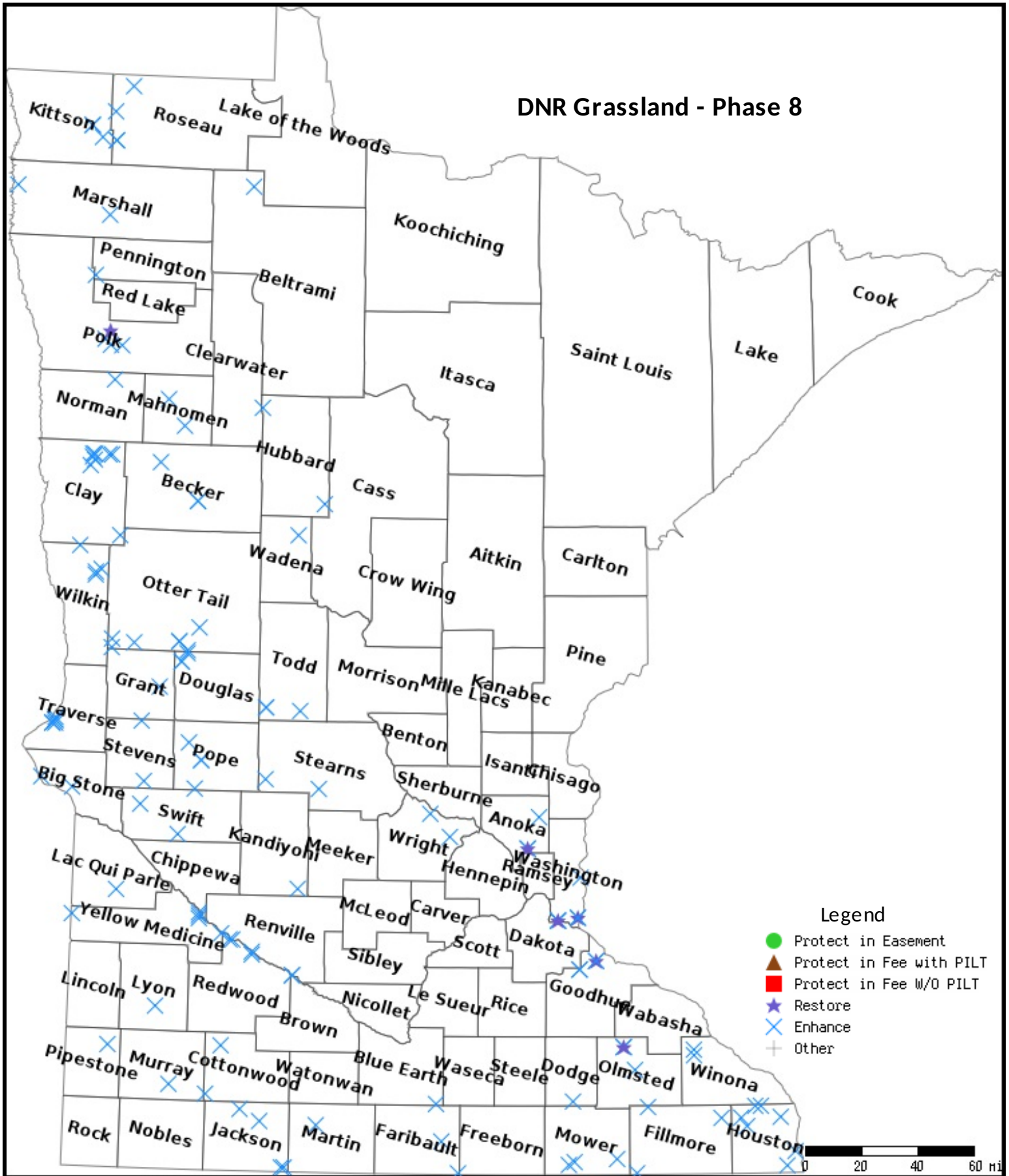
No parcels with an other activity type.

## Completed Parcel: Eden North 19-1 NPB

# of Total Acres:	10
County:	Brown
Township:	112
Range:	33
Direction:	2
Section:	19
# of Acres: Wetlands/Upland:	
# of Acres: Forest:	
# of Acres: Prairie/Grassland:	
Amount of Shoreline:	(Linear Feet)
Name of Adjacent Body of Water (if applicable):	
Has there been signage erected at the site:	

# Parcel Map

## DNR Grassland - Phase 8



Data Generated From Parcel List

# Lessard-Sams Outdoor Heritage Council Comparison Report

**Program Title:** 2016 - DNR Grassland - Phase 8

**Organization:** DNR Wildlife

**Manager:** Greg Hoch

## Budget

Requested Amount: \$9,107,100

Appropriated Amount: \$3,983,000

Percentage: 43.74%

Budget Item	Total Requested		Total Appropriated		Percentage of Request	
	LSOHC Request	Anticipated Leverage	Appropriated Amount	Anticipated Leverage	Percentage of Request	Percentage of Leverage
Personnel	\$2,050,400	\$0	\$1,429,300	\$0	69.71%	-
Contracts	\$4,334,400	\$0	\$1,376,500	\$0	31.76%	-
Fee Acquisition w/ PILT	\$0	\$0	\$0	\$0	-	-
Fee Acquisition w/o PILT	\$0	\$0	\$0	\$0	-	-
Easement Acquisition	\$0	\$0	\$0	\$0	-	-
Easement Stewardship	\$0	\$0	\$0	\$0	-	-
Travel	\$656,900	\$0	\$454,200	\$0	69.14%	-
Professional Services	\$0	\$0	\$0	\$0	-	-
Direct Support Services	\$684,700	\$0	\$373,300	\$0	54.52%	-
DNR Land Acquisition Costs	\$0	\$0	\$0	\$0	-	-
Capital Equipment	\$25,000	\$0	\$0	\$0	0.00%	-
Other Equipment/Tools	\$39,400	\$0	\$2,500	\$0	6.35%	-
Supplies/Materials	\$1,316,300	\$0	\$347,200	\$0	26.38%	-
DNR IDP	\$0	\$0	\$0	\$0	-	-
<b>Total</b>	<b>\$9,107,100</b>	<b>\$0</b>	<b>\$3,983,000</b>	<b>\$0</b>	<b>43.74%</b>	<b>-</b>

### How will this program accommodate the reduced appropriation recommendation from the original proposed requested amount?

We will fully fund the roving crew and reduce acreages for other activities accordingly.



# Output

**Table 1a. Acres by Resource Type**

Type	Total Proposed	Total in AP	Percentage of Proposed
Restore	1,323	30	2.27%
Protect in Fee with State PILT Liability	0	0	-
Protect in Fee W/O State PILT Liability	0	0	-
Protect in Easement	0	0	-
Enhance	107,001	64,030	59.84%

**Table 2. Total Requested Funding by Resource Type**

Type	Total Proposed	Total in AP	Percentage of Proposed
Restore	1,039,900	59,500	5.72%
Protect in Fee with State PILT Liability	0	0	-
Protect in Fee W/O State PILT Liability	0	0	-
Protect in Easement	0	0	-
Enhance	8,067,200	3,923,500	48.64%

**Table 3. Acres within each Ecological Section**

Type	Total Proposed	Total in AP	Percentage of Proposed
Restore	1,323	30	2.27%
Protect in Fee with State PILT Liability	0	0	-
Protect in Fee W/O State PILT Liability	0	0	-
Protect in Easement	0	0	-
Enhance	107,001	64,030	59.84%

**Table 4. Total Requested Funding within each Ecological Section**

Type	Total Proposed	Total in AP	Percentage of Proposed
Restore	1,039,900	59,500	5.72%
Protect in Fee with State PILT Liability	0	0	-
Protect in Fee W/O State PILT Liability	0	0	-
Protect in Easement	0	0	-
Enhance	8,067,200	3,923,500	48.64%