



## Lessard-Sams Outdoor Heritage Council

Enhanced Public Land - Open Landscapes - Phase II  
Laws of Minnesota 2022 Accomplishment Plan

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### General Information

**Date:** 07/09/2024

**Project Title:** Enhanced Public Land - Open Landscapes - Phase II

**Funds Recommended:** \$2,557,000

**Legislative Citation:** ML 2022, Ch. 77, Art. 1, Sec. 2, subd. 2(e )

**Appropriation Language:** \$2,557,000 the second year is to the commissioner of natural resources for an agreement with Pheasants Forever, in cooperation with the Minnesota Sharp-Tailed Grouse Society, to acquire land in fee under Minnesota Statutes, section 86A.05, subdivision 8, and restore and enhance lands for wildlife management purposes. A list of proposed land acquisitions must be provided as part of the required accomplishment plan.

### Manager Information

**Manager's Name:** Sabin Adams

**Title:** MN Project Manager

**Organization:** Minnesota Sharp-Tailed Grouse Society/Pheasants Forever, Inc.

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### Location Information

**County Location(s):** Lake of the Woods, St. Louis, Carlton, Aitkin, Marshall, Roseau and Beltrami.

**Eco regions in which work will take place:**

- Northern Forest
- Forest / Prairie Transition

**Activity types:**

- Enhance

- Protect in Fee

### Priority resources addressed by activity:

- Forest
- Prairie

## Narrative

### Abstract

This proposal enhances 2,857 acres of open landscape habitat in the Northern Forest and Forest/Prairie Transition Regions for Sharp-tailed Grouse and other species. Enhancement work will take place on protected lands open to public hunting including Wildlife Management Areas (WMAs), National Wildlife Refuges (NWRs), state forest lands, Scientific Natural Areas (SNAs), and county lands. In addition, this proposal seeks to acquire and restore 743 acres of sharp-tail habitat in Lake of the Woods County to be transferred to the MNDNR. This property adjoins the Carp Swamp WMA, which supports two active Sharp-tailed Grouse leks.

### Design and Scope of Work

This proposal seeks to protect, enhance, and restore early successional, open landscapes that are critical to the success of sharptails in Minnesota. This will be accomplished by (1) the purchase of the adjacent 743 acres of the Carp Swamp WMA in Lake of the Woods County to be transferred to the Minnesota Department of Natural Resources (MNDNR), and (2) contracting enhancement activities on permanently protected lands open to hunting in sharptail priority areas.

The protection of the 743-acre property adjacent to the Carp Swamp WMA has been identified by local MN DNR Wildlife staff, Minnesota Sharp-tailed Grouse Society (SGS), and Pheasants Forever (PF) as a priority. This property has two leks: one that hosts 5-10 birds, and the other hosting 15-20 birds. By protecting this property in fee and enhancing the current grass-brushland habitats, this area will be able to support the current local sharptail population and increase the overall landscape's ability to support population growth. The seller wishes to have the property be held and managed in perpetuity by the MNDNR for the benefit of sharptails and the enjoyment of the public. If the acquisition is unsuccessful, we will request an amendment to move the acquisition funds over to enhancement.

We will utilize a Request for Proposal and ranking process, developed during the previous phase, to identify, rank, and deliver projects that will be most beneficial to sharptails and other open landscape species. Upon project selection, we will submit a parcel list amendment for approval. In addition, we're working with the Mille Lacs Band of Ojibwe in priority areas that are adjacent to Tribal lands managed for the same purpose. Activities to enhance these habitats include brush mowing/shearing, tree removal, diversity seeding, conservation grazing, and prescribed fire. These activities will be used in combination where appropriate to create the heterogeneous landscape that sharptails require. Prescribed fire is the primary tool used to create early successional habitat. In areas where this fire is not appropriate or logistically infeasible, brush mowing or shearing of small-diameter brush and trees will be performed. Trees too large to mow or unaffected by fire will be removed. Any tree removal will be done in areas where timber is unmarketable and most of the species being harvested are of no value. Grasslands will be restored by preparing the site using a combination of prescribed fire, cultivation, or herbicide application. We will work with local land managers to develop and plant high-diversity native seed mixes that provide ideal foraging, nesting, and brood-rearing cover for sharptails. Maintenance mowing will be used to suppress annual weeds and ensure the establishment of desirable species. Conservation grazing allows land managers to maintain grasslands in the absence of prescribed fire and target undesirable species by altering the timing and intensity. In these areas, we will install infrastructure with a lifespan of 30+ years to facilitate these conservation grazing plans in areas where local livestock producers are present.

## **How does the plan address habitats that have significant value for wildlife species of greatest conservation need, and/or threatened or endangered species, and list targeted species?**

This proposal directly protects and enhances habitats that are imperative to the success of species of greatest conservation need, threatened, or endangered. The Minnesota Wildlife Action Plan 2015-2025 identifies sharptails as a species of greatest conservation need. The work performed on open landscapes that support sharptails also benefits a number of species including Henslow's sparrows, Nelson's sparrows, Bobolinks, Golden-winged warblers, Short-eared owls, Northern Harriers, Yellow rails, Loggerheaded Shrikes, and American woodcock. All of these species are identified as species of greatest conservation need, threatened or endangered.

## **Describe how the plan uses science-based targeting that leverages or expands corridors and complexes, reduces fragmentation or protects areas identified in the MN County Biological Survey:**

Research shows that large, heterogeneous landscapes of grasslands and short brushlands within three miles of leks are suitable for supporting local sharptail populations. Active cropland, mature trees, and brush add to habitat loss, degradation, and fragmentation. This proposal will use criteria based on biological data to select projects that (1) are identified to be within critical areas, and (2) need enhancement to create or improve desirable habitat heterogeneity for sharptails. The type, timing, and duration of restoration and enhancement activities will be based on the best available science that results in creating and maintaining a landscape mosaic most beneficial for open landscape species. The proposed acquisition falls within the priority area and supports breeding and wintering sharptails and adds to the adjacent 13,962-acre Carp Swamp WMA complex. The impact of this work will be evaluated during annual surveys performed by agency partners.

## **Which two sections of the Minnesota Statewide Conservation and Preservation Plan are most applicable to this project?**

- H1 Protect priority land habitats
- LU10 Support and expand sustainable practices on working forested lands

## **Which two other plans are addressed in this program?**

- Minnesota DNR Strategic Conservation Agenda
- Minnesota's Wildlife Action Plan 2015-2025

## **Which LSOHC section priorities are addressed in this program?**

### **Forest / Prairie Transition**

- Protect, restore, and enhance habitat for waterfowl, upland birds, and species of greatest conservation need

### **Northern Forest**

- Restore and enhance habitat on existing protected properties, with preference to habitat for rare, endangered, or threatened species identified by the Minnesota County Biological Survey

## 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 ~ *Sharp tail Leks are monitored annually in the northern forest region by the MN DNR. The number of leks identified is a good measure of quality open landscape habitat.*

### Programs in the northern forest region:

- Healthy populations of endangered, threatened, and special concern species as well as more common species ~ *Sharp tail Leks are monitored annually in the northern forest region by the MN DNR. The number of leks identified is a good measure of quality open landscape habitat.*

### Does this program include leveraged funding?

Yes

### Explain the leverage:

This proposal will bring \$101,900.00 of leverage funds to increase accomplishments of acquisition and enhancement activities. This leverage will come from the Minnesota Sharp-tailed Grouse Society, Pheasants Forever, Federal funds, as well as private sources.

### Per MS 97A.056, Subd. 24, Please explain whether the request is supplanting or is a substitution for any previous funding that was not from a legacy fund and was used for the same purpose.

This proposal supplements past investments and is aimed at accelerating the enhancement of strategic parcels.

### Non-OHF Appropriations

| Year      | Source                      | Amount |
|-----------|-----------------------------|--------|
| 2015-2017 | NAWCA                       | -      |
| 2002-2010 | Heritage Enhancement Grants | -      |

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

The portions of enhancement work that will be completed by this proposal will generally allow the unit to be managed more effectively by the resource manager, whether that be on a WMA, county property or State Forest. While it's difficult for a third party like Pheasants Forever to provide an analysis of future costs on existing public land, work done under this proposal will facilitate future management activities by establishing grazing infrastructure, establishing fire breaks, or setting back natural succession.

### Actions to Maintain Project Outcomes

| Year                          | Source of Funds              | Step 1     | Step 2      | Step 3 |
|-------------------------------|------------------------------|------------|-------------|--------|
| Post Project Completion - WMA | MN DNR - Game and Fish Funds | Monitoring | Maintenance | -      |

### Provide an assessment of how your program celebrates cultural diversity or reaches diverse communities in Minnesota, including reaching low- and moderate-income households:

The goals of this program are specifically designed to improve wildlife habitat and public spaces for the benefit of all people regardless of race. Additionally, Pheasants Forever is undertaking an organization wide initiative to design, develop and implement a foundational plan to increase the inclusion of BIPOC communities inside and

outside of our organization, and to ensure there's a sense of belonging among all people within Pheasants Forever and Quail Forever.

## Activity Details

### Requirements

**If funded, this program will meet all applicable criteria set forth in MS 97A.056?**

Yes

**Will county board or other local government approval be formally sought\*\* prior to acquisition, per 97A.056 subd 13(j)?**

No

**Describe any measures to inform local governments of land acquisition under their jurisdiction:**

At a minimum PF and/or MN DNR will notify local government in writing of the intent to acquire and donate lands to the state and follow up with questions prior to acquisition. In cases where there is interest, we will also indicate our willingness to attend or ask to attend county or township meetings to communicate our interest in the projects and seek support.

**Is the land you plan to acquire (fee title) free of any other permanent protection?**

No

**Describe the permanent protection and justification for additional protection:**

This proposal is only pursuing one acquisition tract. This tract does not have any other form of permanent protection.

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

Yes

**Is the restoration and enhancement activity on permanently protected land per 97A.056, Subd 13(f), tribal lands, and/or public waters per MS 103G.005, Subd. 15 or on lands to be acquired in this program?**

Yes

**Where does the activity take place?**

- WMA
- County/Municipal
- State Forests
- SNA
- WPA
- Refuge Lands

### Land Use

**Will there be planting of any crop on OHF land purchased or restored in this program, either by the proposer or the end owner of the property, outside of the initial restoration of the land?**

Yes

**Explain what will be planted and include the maximum percentage of any acquired parcel that would be planted into foodplots by the proposer or the end owner of the property:**

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. In these restorations, PF's policy is to use non neonicotinoid treated seed and no herbicides other than glyphosate. 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. There are no immediate plans to use farming for winter food on any of the parcels in this proposal.

**Is this land currently open for hunting and fishing?**

Yes

**Describe any variation from the State of Minnesota regulations:**

Lands that are being enhanced through the RFP process are open to public hunting. The acquisition tract is not currently open to the public.

**Will the land be open for hunting and fishing after completion?**

Yes

**Describe any variation from the State of Minnesota regulations:**

No variation from State of Minnesota regulations.

**Who will eventually own the fee title land?**

- State of MN

**Land acquired in fee will be designated as a:**

- WMA

**What is the anticipated number of closed acquisitions (range is fine) you plan to accomplish with this appropriation?**

We anticipate 1 acquisition with this appropriation.

**Are there currently trails or roads on any of the proposed acquisitions?**

Yes

**Describe the types of trails or roads and the allowable uses:**

A snowmobile trail runs though the road ditch along 800ft of the western edge of the Carp Swamp WMA Addition.

**Will the trails or roads remain and uses continue to be allowed after OHF acquisition?**

Yes

**How will maintenance and monitoring be accomplished?**

This trail is in the road ditch for a very small portion of the acquired property, and will not require or affect future maintenance or monitoring of the acquired tract.

**Will new trails or roads be developed or improved as a result of the OHF acquisition?**

No

**Will the acquired parcels be restored or enhanced within this appropriation?**

Yes

All parcels will be restored to the fullest extent possible before being donated to the MN DNR.

**Will the land that you acquire (fee or easement) be restored or enhanced within this program's funding and availability?**

Yes

**Timeline**

| Activity Name  | Estimated Completion Date |
|--|---------------------------|
| Enhancement work completed for RPF projects as well as acquisition tract.                              | Summer 2025               |
| Re-evaluate project status/budget and solicit additional projects as needed                            | Winter 2023               |
| Enhancement / Restoration work continues. Close on acquisition tract.                                  | Spring, Summer Fall 2023  |
| Select Projects for completion and hire contractors. Start enhancement/restoration work                | Winter 2023               |
| Review Project RFPs with project selection committee. Sign Purchase agreement for acquisition tract.   | Fall/Winter 2022-23       |
| Distribute Project Request for Proposals to Area Land Managers. Order Appraisal for acquisition tract. | Summer/Fall 2022          |

**Date of Final Report Submission:** 11/01/2027

**Availability of Appropriation:** Subd. 7. Availability of Appropriation

(a) Money appropriated in this section may not be spent on activities unless they are directly related to and necessary for a specific appropriation and are specified in the accomplishment plan approved by the Lessard-Sams Outdoor Heritage Council. Money appropriated in this section must not be spent on indirect costs or other institutional overhead charges that are not directly related to and necessary for a specific appropriation. Money appropriated to acquire land in fee may be used to restore, enhance, and provide for public use of the land acquired with the appropriation. Public-use facilities must have a minimal impact on habitat in acquired lands.

(b) Money appropriated in this section is available as follows:

(1) money appropriated for acquiring real property is available until June 30, 2026;

(2) money appropriated for restoring and enhancing land acquired with an appropriation in this act is available for four years after the acquisition date with a maximum end date of June 30, 2030;

(3) money appropriated for restoring or enhancing other land is available until June 30, 2027;

(4) notwithstanding clauses (1) to (3), money appropriated for a project that receives at least 15 percent of its funding from federal funds is available until a date sufficient to match the availability of federal funding to a maximum of six years if the federal funding was confirmed and included in the original approved draft accomplishment plan; and

(5) money appropriated for other projects is available until the end of the fiscal year in which it is appropriated.

**Budget**

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

**Totals**

| Item                       | Funding Request    | Leverage         | Leverage Source           | Total              |
|----------------------------|--------------------|------------------|---------------------------|--------------------|
| Personnel                  | \$80,900           | -                | -                         | \$80,900           |
| Contracts                  | \$1,306,500        | \$28,700         | SGS, PF, Federal, Private | \$1,335,200        |
| Fee Acquisition w/ PILT    | \$1,032,500        | \$57,200         | SGS, PF, Federal, Private | \$1,089,700        |
| Fee Acquisition w/o PILT   | -                  | -                | -                         | -                  |
| Easement Acquisition       | -                  | -                | -                         | -                  |
| Easement Stewardship       | -                  | -                | -                         | -                  |
| Travel                     | \$11,400           | -                | -                         | \$11,400           |
| Professional Services      | \$57,000           | -                | -                         | \$57,000           |
| Direct Support Services    | \$34,900           | \$16,000         | PF                        | \$50,900           |
| DNR Land Acquisition Costs | \$20,600           | -                | -                         | \$20,600           |
| Capital Equipment          | -                  | -                | -                         | -                  |
| Other Equipment/Tools      | -                  | -                | -                         | -                  |
| Supplies/Materials         | -                  | -                | -                         | -                  |
| DNR IDP                    | \$13,200           | -                | -                         | \$13,200           |
| <b>Grand Total</b>         | <b>\$2,557,000</b> | <b>\$101,900</b> | -                         | <b>\$2,658,900</b> |

**Personnel**

| Position          | Annual FTE | Years Working | Funding Request | Leverage | Leverage Source | Total    |
|-------------------|------------|---------------|-----------------|----------|-----------------|----------|
| Grants Staff      | 0.11       | 3.0           | \$34,600        | -        | -               | \$34,600 |
| State Coordinator | 0.03       | 3.0           | \$11,600        | -        | -               | \$11,600 |
| Field Staff       | 0.11       | 3.0           | \$34,700        | -        | -               | \$34,700 |

**Amount of Request:** \$2,557,000

**Amount of Leverage:** \$101,900

**Leverage as a percent of the Request:** 3.99%

**DSS + Personnel:** \$115,800

**As a % of the total request:** 4.53%

**Easement Stewardship:** -

**As a % of the Easement Acquisition:** -

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

We have reduced accomplishments/costs proportionately across the overall program to accommodate the reduced appropriation. As a result of the reduction, we will be able to protect and enhance fewer acres. As in past appropriations, we will focus on the most strategic, highest priority projects.

**Describe and explain leverage source and confirmation of funds:**

Leverage is expected from multiple sources including but not limited to federal sources, land value donations,



contractor donations, and PF. Not every source is 100% confirmed at this point. However, PF has an exemplary track record of delivery and over-achievement of match commitments that further stretch OHF funding.

**Does this project have the ability to be scalable?**

Yes

**If the project received 50% of the requested funding**

**Describe how the scaling would affect acres/activities and if not proportionately reduced, why?**

If this project is reduced by 30% we would scale down all acres/activities and dollar amounts proportionately.

**Describe how personnel and DSS expenses would be adjusted and if not proportionately reduced, why?**

Personnel and DSS will be scaled down proportionately.

**Personnel**

**Has funding for these positions been requested in the past?**

Yes

**Contracts**

**What is included in the contracts line?**

We anticipate that all of the contract funding will be used for restoration, enhancement, and initial development of the protected acres. This could include but is not limited to wetland/grassland restoration, tree removal, prescribed fire, building removal, posts, signs, and other development.

**Fee Acquisition**

**What is the anticipated number of fee title acquisition transactions?**

We estimate 1 fee title acquisition transaction.

**Travel**

**Does the amount in the travel line include equipment/vehicle rental?**

No

**Explain the amount in the travel line outside of traditional travel costs of mileage, food, and lodging**

N/A

**I understand and agree that lodging, meals, and mileage must comply with the current MMB Commissioner Plan:**

Yes

**Direct Support Services**

**How did you determine which portions of the Direct Support Services of your shared support services is direct to this program?**

PF utilizes the Total Modified Direct Cost method. This methodology is annually approved by the U.S. Department of Interior's National Business Center as the basis for the organization's Indirect Cost Rate agreement. PF's allowable direct support services cost is 5.09%. In this proposal, PF has discounted its rate to 2.5% of the sum of personnel, contracts, professional services, and travel. We are donating the difference-in-kind.

**Federal Funds**

**Do you anticipate federal funds as a match for this program?**

Yes

**Are the funds confirmed?**

No

**What is the approximate date you anticipate receiving confirmation of the federal funds?**

7/1/2023

Output Tables**Acres by Resource Type (Table 1)**

| Type                                     | Wetland | Prairie | Forest       | Habitat | Total Acres  |
|--|---------|---------|--------------|---------|--------------|
| Restore                                  | -       | -       | -            | -       | -            |
| Protect in Fee with State PILT Liability | -       | -       | 743          | -       | 743          |
| Protect in Fee w/o State PILT Liability  | -       | -       | -            | -       | -            |
| Protect in Easement                      | -       | -       | -            | -       | -            |
| Enhance                                  | -       | -       | 2,857        | -       | 2,857        |
| <b>Total</b>                             | -       | -       | <b>3,600</b> | -       | <b>3,600</b> |

**Total Requested Funding by Resource Type (Table 2)**

| Type                                     | Wetland | Prairie | Forest             | Habitat | Total Funding      |
|--|---------|---------|--------------------|---------|--------------------|
| Restore                                  | -       | -       | -                  | -       | -                  |
| Protect in Fee with State PILT Liability | -       | -       | \$1,412,700        | -       | \$1,412,700        |
| Protect in Fee w/o State PILT Liability  | -       | -       | -                  | -       | -                  |
| Protect in Easement                      | -       | -       | -                  | -       | -                  |
| Enhance                                  | -       | -       | \$1,144,300        | -       | \$1,144,300        |
| <b>Total</b>                             | -       | -       | <b>\$2,557,000</b> | -       | <b>\$2,557,000</b> |

**Acres within each Ecological Section (Table 3)**

| Type                                     | Metro/Urban | Forest/Prairie | SE Forest | Prairie | N. Forest    | Total Acres  |
|--|-------------|----------------|-----------|---------|--------------|--------------|
| Restore                                  | -           | -              | -         | -       | -            | -            |
| Protect in Fee with State PILT Liability | -           | -              | -         | -       | 743          | 743          |
| Protect in Fee w/o State PILT Liability  | -           | -              | -         | -       | -            | -            |
| Protect in Easement                      | -           | -              | -         | -       | -            | -            |
| Enhance                                  | -           | 285            | -         | -       | 2,572        | 2,857        |
| <b>Total</b>                             | -           | <b>285</b>     | -         | -       | <b>3,315</b> | <b>3,600</b> |

**Total Requested Funding within each Ecological Section (Table 4)**

| Type                                     | Metro/Urban | Forest/Prairie   | SE Forest | Prairie | N. Forest          | Total Funding      |
|--|-------------|------------------|-----------|---------|--------------------|--------------------|
| Restore                                  | -           | -                | -         | -       | -                  | -                  |
| Protect in Fee with State PILT Liability | -           | -                | -         | -       | \$1,412,700        | \$1,412,700        |
| Protect in Fee w/o State PILT Liability  | -           | -                | -         | -       | -                  | -                  |
| Protect in Easement                      | -           | -                | -         | -       | -                  | -                  |
| Enhance                                  | -           | \$114,400        | -         | -       | \$1,029,900        | \$1,144,300        |
| <b>Total</b>                             | -           | <b>\$114,400</b> | -         | -       | <b>\$2,442,600</b> | <b>\$2,557,000</b> |

**Average Cost per Acre by Resource Type (Table 5)**

| Type                                     | Wetland | Prairie | Forest  | Habitat |
|--|---------|---------|---------|---------|
| Restore                                  | -       | -       | -       | -       |
| Protect in Fee with State PILT Liability | -       | -       | \$1,901 | -       |
| Protect in Fee w/o State PILT Liability  | -       | -       | -       | -       |
| Protect in Easement                      | -       | -       | -       | -       |
| Enhance                                  | -       | -       | \$400   | -       |

**Average Cost per Acre by Ecological Section (Table 6)**

| Type                                     | Metro/Urban | Forest/Prairie | SE Forest | Prairie | N. Forest |
|--|-------------|----------------|-----------|---------|-----------|
| Restore                                  | -           | -              | -         | -       | -         |
| Protect in Fee with State PILT Liability | -           | -              | -         | -       | \$1,901   |

|  |   |       |   |   |       |
|--|---|-------|---|---|-------|
| Protect in Fee w/o State<br>PILT Liability | - | -     | - | - | -     |
| Protect in Easement                        | - | -     | - | - | -     |
| Enhance                                    | - | \$401 | - | - | \$400 |

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

## Parcels

### Parcel Information

#### Sign-up Criteria?

No

#### Explain the process used to identify, prioritize, and select the parcels on your list:

A request for proposals will be sent to all land managers within the forest region. Submitted projects will be reviewed for eligibility, and ranked by a selection committee that will consist of staff from MSGS, MN DNR, and PF.

### Restore / Enhance Parcels

| Name   | County    | TRDS     | Acres | Est Cost  | Existing Protection | Description                               |
|--|-----------|----------|-------|-----------|---------------------|---|
| Grayling Marsh WMA   | Aitkin    | 04823201 | 200   | \$130,750 | Yes                 | Upland Restoration, Brush Mowing/Shearing |
| Grayling Marsh WMA   | Aitkin    | 04823213 | 155   | \$63,600  | Yes                 | Brush Mowing/Shearing                     |
| Aitkin Area Brushland Mow - Wagner State Land              | Aitkin    | 05026212 | 293   | \$43,908  | Yes                 | Brush Mowing                              |
| Aitkin Area Brushland Mow - Tamarack State Land            | Aitkin    | 04822214 | 294   | \$44,046  | Yes                 | Brush Mowing                              |
| Aitkin County Lands  | Aitkin    | 04824205 | 494   | \$74,122  | Yes                 | Brush Mowing                              |
| Kimberly Marsh WMA   | Aitkin    | 04724211 | 500   | \$10,000  | Yes                 | Firebreak Installation                    |
| Rice Lake NWR  | Aitkin    | 04724211 | 500   | \$10,000  | Yes                 | Firebreak Installation                    |
| Grayling WMA STGR Habitat Enhancement                      | Aitkin    | 04823212 | 9     | \$2,285   | Yes                 | Fire Break Installation                   |
| Aitkin Area Brushland Mow - Sherman State Land             | Aitkin    | 05025235 | 436   | \$65,403  | Yes                 | Brush Mowing                              |
| Wapiti WMA   | Beltrami  | 15738207 | 321   | \$72,225  | Yes                 | Brush Mowing/Shearing                     |
| Cromwell Area Brushland Enhancement - Hasty Brook Site     | Carlton   | 04920210 | 270   | \$54,080  | Yes                 | Brush Mowing                              |
| Cromwell Area Brushland Enhancement - Cross Lake East Site | Carlton   | 04920222 | 234   | \$46,800  | Yes                 | Brush Mowing                              |
| Red Clover WPA   | Carlton   | 04920228 | 33    | \$8,250   | Yes                 | Brush Mowing/Shearing                     |
| Firebird WMA   | Carlton   | 04721230 | 30    | \$7,500   | Yes                 | Brush Mowing/Shearing                     |
| Walton WPA   | Marshall  | 15742215 | 2     | \$2,300   | Yes                 | Tree Removal                              |
| Walton WPA   | Marshall  | 15742215 | 471   | \$471,300 | Yes                 | Upland Restoration, Tree Removal          |
| Roseau River WMA   | Roseau    | 16444233 | 652   | \$130,000 | Yes                 | Conservation Grazing                      |
| Sax WMA  | St. Louis | 05418203 | 423   | \$159,000 | Yes                 | Brush Mowing/Shearing                     |
| St. Louis County Lands                                     | St. Louis | 05419225 | 319   | \$71,137  | Yes                 | Brush Mowing/Shearing                     |
| Hwy 29 Brushland Complex Enhancement - Hwy 29              | St. Louis | 05419236 | 134   | \$26,800  | Yes                 | Brush Mowing                              |
| Fermoy WMA   | St. Louis | 05518227 | 280   | \$105,000 | Yes                 | Brush Mowing/Shearing                     |

### Fee Parcels

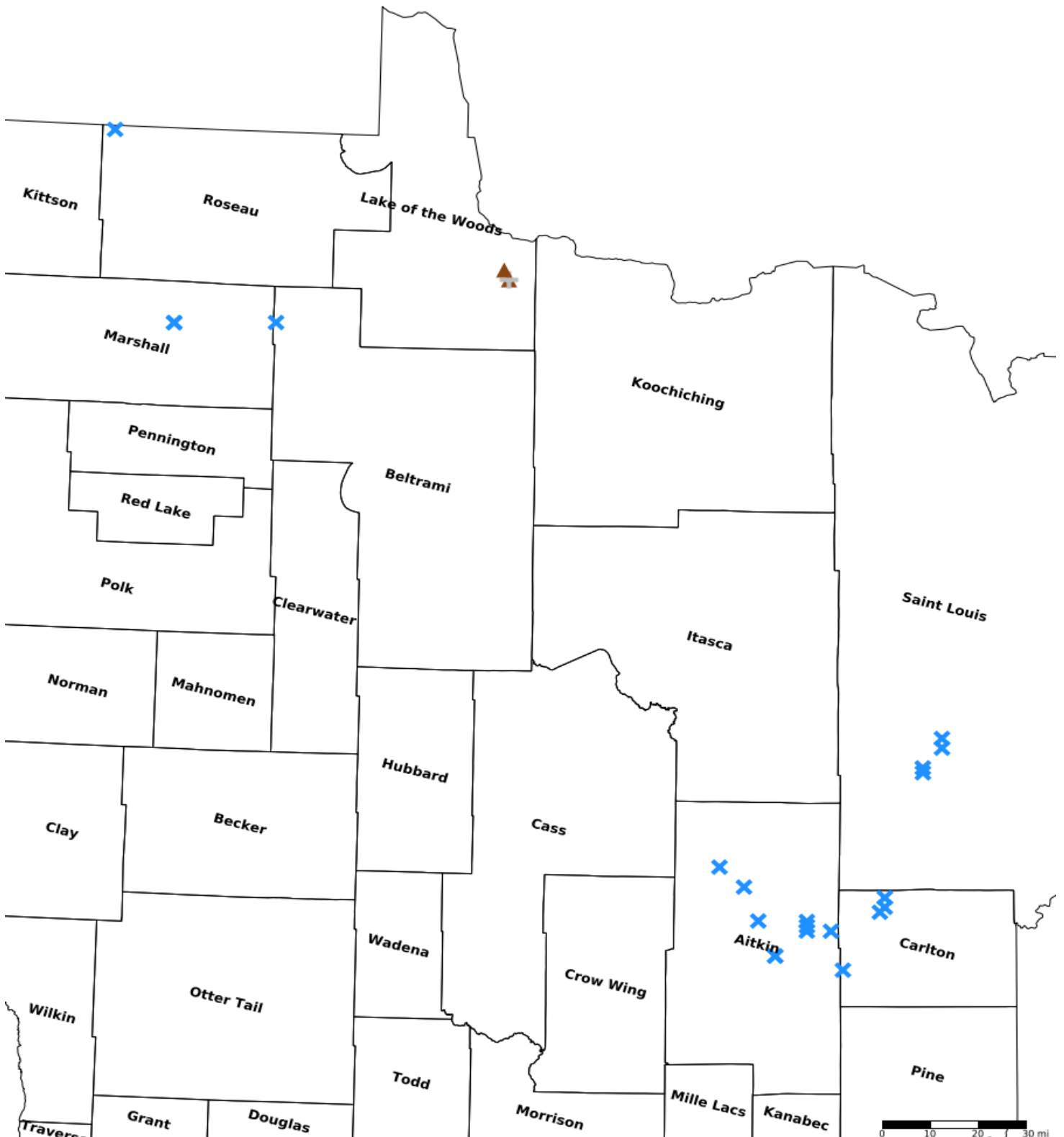
| Name                    | County            | TRDS     | Acres | Est Cost    | Existing Protection |
|-------------------------|-------------------|----------|-------|-------------|---------------------|
| Carp Swamp WMA Addition | Lake of the Woods | 15931212 | 1,297 | \$1,800,000 | No                  |
| Carp Swamp WMA Addn     | Lake of the Woods | 15930219 | 164   | \$320,000   | No                  |

### Other Parcels

| Name | County | TRDS | Acres | Est Cost | Existing |
|------|--------|------|-------|----------|----------|
|------|--------|------|-------|----------|----------|

|                     |                   |          |     |   | Protection |
|---------------------|-------------------|----------|-----|---|------------|
| Carp Swamp WMA Addn | Lake of the Woods | 15930219 | 164 | - | -          |

# Parcel Map



- Protect in Easement
- ▲ Protect in Fee with PILT
- Protect in Fee W/O PILT
- ★ Restore
- ✕ Enhance
- ✚ Other