



Lessard-Sams Outdoor Heritage Council

Wetland Habitat and Protection Program - Phase 5 Laws of Minnesota 2020 Accomplishment Plan

General Information

Date: 10/04/2024

Project Title: Wetland Habitat and Protection Program - Phase 5

Funds Recommended: \$2,683,000

Legislative Citation: ML 2020, Ch. 104, Art. 1, Sec. 2, subd 4(c)

Appropriation Language: \$2,683,000 the second year is to the commissioner of natural resources for an agreement with Minnesota Land Trust to acquire permanent conservation easements and to restore and enhance prairie, wetland, and other habitat on permanently protected conservation easements in high-priority wetland habitat complexes in the prairie and forest/prairie transition regions. Of this amount, up to \$240,000 is to establish a monitoring and enforcement fund as approved in the accomplishment plan and subject to Minnesota Statutes, section 97A.056, subdivision 17. A list of proposed conservation easement acquisitions, restorations, and enhancements must be provided as part of the required accomplishment plan.

Manager Information

Manager's Name: Wayne Ostlie

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Location Information

County Location(s): Otter Tail, Todd, Pope, Grant, Wilkin, Swift and Douglas.

Eco regions in which work will take place:

- Forest / Prairie Transition
- Prairie

Activity types:

- Protect in Easement
- Restore
- Enhance

Priority resources addressed by activity:

- Wetlands
- Prairie
- Forest
- Habitat

Narrative**Abstract**

Phase 5 of the Wetland Habitat Protection and Restoration Program will result in the protection of 1,040 acres of high priority wetland habitat complexes in Minnesota's Prairie and Forest-Prairie Transition areas by securing permanent conservation easements within scientifically prioritized habitat complexes. The Minnesota Land Trust will use its innovative market-based landowner bid model to maximize conservation benefit and financial leverage in protection project selection. In addition, a partnership between the US Fish and Wildlife Service and Land Trust will restore/enhance 942 acres of wetlands and associated prairies to benefit important waterfowl and SGCN populations.

Design and Scope of Work

Wetlands and shallow lakes provide the essential backbone for the survival of waterfowl and other important wildlife species. In fact, more than 50% of Minnesota's Species in Greatest Conservation Need (SGCN) use wetlands during their life cycle. Most of the plans developed to protect Minnesota's wildlife—including Minnesota's Comprehensive Wildlife Conservation Strategy, the Statewide Conservation and Preservation Plan, and the Long Range Duck Recovery Plan—cite the protection and restoration of the state's remaining wetlands as one of the top priorities to achieve the State's conservation goals. Moreover, these plans cite the use of conservation easements on private lands as one of the primary strategies to protect important wetland and shallow lake habitat.

Minnesota Land Trust's Wetlands Habitat Protection Program area extends from Meeker County northwest to Becker County, located along a vast glacial moraine system in western Minnesota. This prairie pothole country is the core of Minnesota's "duck factory" and is central to one of North America's most important flyways for migratory waterfowl. Through Phase 3 of this program, the Land Trust has procured 20 conservation easements protecting nearly 2,796 acres of habitat and 133,387 feet of shoreline (>25 miles).

Phase 5 will build on these accomplishments by broadening the Program's focus to include – along with wetland protection – habitat restoration and enhancement. In a partnership between the Land Trust and U.S. Fish and Wildlife Service's (USFWS) Partners for Fish and Wildlife Program, this proposal will restore/enhance 942 acres of important prairie and wetland habitat on private lands already protected within the Program area. In addition, the Land Trust will protect 823 acres of new priority wetland and associated upland habitat through conservation

easements. The Program will be closely coordinated with other public agencies, non-profit organizations and other stakeholders to ensure this Program meets multi-agency conservation goals.

The Land Trust will continue to implement a criteria-based ranking system and market approach for purchasing conservation easements. The Program will continue to target projects that help complete gaps in existing public ownership, are of the highest ecological value, and provide the greatest leverage to the state. The Land Trust will seek donated easements in these areas whenever possible but also may purchase the full or partial value of an easement to complete key complexes as necessary.

To focus our easement protection work, we used the Prairie Plan and other data sets and plans to shape our Wetlands Program plan and identify important wetland complexes in this landscape based on the nexus of high-quality habitat, existing protected areas and restorable agricultural lands. These complexes include a mosaic of wetland, prairie/grassland, and forest habitats, as well as agricultural land. Outcomes from this project include: 1) healthy wetland habitat complexes and associated populations of waterfowl, upland birds, and SGCN; 2) improved water quality; 3) increased participation of private landowners in habitat conservation projects; and 4) enhancement of prior public investments in wetland and upland habitat projects.

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 program addresses LSOHC priorities by protecting shallow lakes, wetland/grassland complexes, and shoreland that provide critical habitat for Minnesota's wildlife, especially its migratory waterfowl and associated species.

Minnesota's wetlands are essential to our wildlife health and diversity. This project directly benefits SGCN and other important game and non-game wildlife species by minimizing the potential threats to their habitat caused by detrimental agricultural practices, residential or commercial development or imprudent land management. The wetland habitat complexes that will be targeted through the ranking system will include a mosaic of wetlands, grasslands and woodlands. Priority projects will include high or outstanding habitat as identified in Minnesota Biological Survey data. Projects will also be located near other protected lands to help build larger habitat complexes comprised of both public and private lands. The vast majority of this landscape is in private ownership. For that reason, working with private owners on land protection strategies is key to successful conservation in this region. Finally, we will work closely with partners in the region to identify those habitat complexes where private land protection can make a significant contribution to existing conservation investments.

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:

This program is focused on procuring easements and restoring prairie and wetland habitats on easement lands within priority complexes of wetlands and associated upland habitats, as guided by the State Wildlife Action Plan, Duck Plan and Prairie Plan. Specific parcels available for easement acquisition are evaluated relative to each other to identify priorities among the pool of applicants. This relative ranking is based on three primary ecological

factors (1. amount of habitat on the parcel (size) and abundance of SGCN; 2. the quality or condition of habitat; and 3. the parcel's context relative to other natural habitats and protected areas) and cost. The program serves to build upon past conservation investments in the program area, expand the footprint of existing protected areas (WMAs, WPAs, etc.), facilitate the protection of habitat corridors and reduce the potential for fragmentation of existing habitats. In addition, our partnership with USFWS will enable the Land Trust to further reduce effects of fragmentation through restoration of prairie, wetlands and other habitats. Minnesota Biological Survey data is a cornerstone to our assessment of potential conservation easement acquisitions; we also conduct field visits to further identify and assess condition of habitats prior to easement acquisition, because many private lands were not formally assessed through MBS.

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

- H1 Protect priority land habitats
- H5 Restore land, wetlands and wetland-associated watersheds

Which two other plans are addressed in this program?

- Long Range Duck Recovery Plan
- Minnesota's Wildlife Action Plan 2015-2025

Which LSOHC section priorities are addressed in this program?

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

Prairie

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

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 ~ *This program will permanently protect 411 acres of wetland and upland habitat complexes and restore/enhance 312 acres of wetlands and prairies in the forest-prairie transition region. Measure: Acres protected; acres restored; acres enhanced.*

Programs in prairie region:

- Remnant native prairies and wetlands are perpetually protected and adequately buffered ~ *This program will permanently protect 412 acres of wetland and upland habitat complexes and restore/enhance 630 acres of wetlands and prairies in the prairie region. Measure: Acres protected; acres restored; acres enhanced.*

Does this program include leveraged funding?

Yes

Explain the leverage:

Through its market-based RFP process, the Land Trust expects private landowners to donate at least \$360,000 in easement value toward the program, which is shown as leverage. In addition, the USFWS will contribute \$12,000 in in-kind contributions toward restoration and enhancement projects on protected lands. In addition, the USFWS is committing \$12,000 in staff time for restoration planning and design.

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.

Funding procured by MLT through the Outdoor Heritage Fund through this proposal will not supplant or substitute any previous funding from a non-Legacy fund used for the same purpose.

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

The land protected through conservation easements will be sustained through state-of-the-art standards and practices for conservation easement stewardship. The Minnesota Land Trust is a nationally-accredited land trust with a very successful stewardship program that includes annual property monitoring, effective records management, addressing inquiries and interpretations, tracking changes in ownership, investigating potential violations and defending the easement in cases of a true violation. Funding for these easement stewardship activities is included in the project budget.

In addition, MLT will assist landowners in the development of comprehensive habitat management plans to help ensure that the land will be managed for its wildlife and water quality benefits. USFWS and MLT (as easement holders on respective properties) will work with landowners on an ongoing basis to provide habitat restoration plans, resources and technical expertise to undertake restoration, enhancement and ongoing management of these properties.

Actions to Maintain Project Outcomes

Year	Source of Funds	Step 1	Step 2	Step 3
2024 and in perpetuity	MLT Long-Term Stewardship and Enforcement Fund	Annual monitoring of easements in perpetuity	Enforcement as necessary	-
Every 4-6 years	USFWS, Landowners, MLT	Prescribed fire, tree control, invasive species control	-	-

Activity Details

Requirements

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

Yes

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

Yes

Who will manage the easement?

Minnesota Land Trust.

Who will be the easement holder?

Minnesota Land Trust.

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

The Land Trust will procure 6-10 conservation easements depending on size and cost of the parcels.

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?

- Permanently Protected Conservation Easements
- 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:

Easement Acquisition:

The purpose of the Minnesota Land Trust's conservation easements is to protect existing high quality natural habitat and to preserve opportunities for future restoration. We restrict agricultural lands and use on the properties. In cases where there are agricultural lands associated with the larger property, we will either exclude the agricultural area from the conservation easement, or in some limited cases, we may include a small percentage of agricultural lands if it is not feasible to exclude those areas. In such cases, however, we will not use OHF funds to pay the landowners for that portion of the conservation easement.

Restoration/Enhancement:

Short-term use of agricultural crops is an accepted best practice for preparing a site for prairie restoration. For example, short-term use of soybeans could be used for restorations in order to control weed seedbeds prior to prairie planting. In some cases this necessitates the use of GMO treated products to facilitate herbicide use in order to control weeds present in the seedbank.

Are any of the crop types planted GMO treated?

True

Will the eased land be open for public use?

No

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

Yes

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

Most conservation easements are established on private lands, many of which have driveways, field roads and trails located on them. Often, the conservation easement permits the continued usage of established trails and roads so long as their use does not significantly impact the conservation values of the property. Creation of new roads/trails or expansion of existing ones is typically not allowed.

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

Yes

How will maintenance and monitoring be accomplished?

Existing trails and roads are identified in the project baseline report and will be monitored annually as part of the Land Trust's stewardship and enforcement protocols. Maintenance of permitted roads/trails in accordance with the terms of the easement will be the responsibility of the landowner.

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

Restoration and enhancement may be completed on some parcels, depending on the the need and condition of each parcel.

Timeline

Activity Name	Estimated Completion Date
Conservation easements completed or options secured	June 30, 2023
Restoration and enhancement projects completed	June 30, 2025

Date of Final Report Submission: 11/01/2025**Availability of Appropriation:** Subd. 7. Availability of Appropriation

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. Unless otherwise provided, the amounts in this section are available until June 30, 2023. For acquisition of real property, the amounts in this section are available until June 30, 2024, if a binding agreement with a landowner or purchase agreement is entered into by June 30, 2023, and closed no later than June 30, 2024. Funds for restoration or enhancement are available until June 30, 2025, or five years after acquisition, whichever is later, in order to complete initial restoration or enhancement work. If a project receives at least 15 percent of its funding from federal funds, the time of the appropriation may be extended to equal 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. Funds appropriated for fee title acquisition of land 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.

Budget

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

Totals

Item	Funding Request	Leverage	Leverage Source	Total
Personnel	\$252,000	\$12,000	USFWS	\$264,000
Contracts	\$975,000	-	-	\$975,000
Fee Acquisition w/ PILT	-	-	-	-
Fee Acquisition w/o PILT	-	-	-	-
Easement Acquisition	\$1,141,000	\$360,000	Landowner donation of easement value	\$1,501,000
Easement Stewardship	\$120,000	-	-	\$120,000
Travel	\$10,000	-	-	\$10,000
Professional Services	\$106,000	-	-	\$106,000
Direct Support Services	\$68,000	-	-	\$68,000
DNR Land Acquisition Costs	-	-	-	-
Capital Equipment	-	-	-	-
Other Equipment/Tools	\$6,000	-	-	\$6,000
Supplies/Materials	\$5,000	-	-	\$5,000
DNR IDP	-	-	-	-
Grand Total	\$2,683,000	\$372,000	-	\$3,055,000

Personnel

Position	Annual FTE	Years Working	Funding Request	Leverage	Leverage Source	Total
MLT Protection Staff	0.4	3.0	\$124,000	-	-	\$124,000
MLT Restoration Staff	0.8	3.0	\$128,000	-	-	\$128,000
FWS Restoration Designer	0.1	3.0	-	\$12,000	USFWS	\$12,000

Amount of Request: \$2,683,000

Amount of Leverage: \$372,000

Leverage as a percent of the Request: 13.87%

DSS + Personnel: \$320,000

As a % of the total request: 11.93%

Easement Stewardship: \$120,000

As a % of the Easement Acquisition: 10.52%

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

The number of easements, acre protected and acres restored have been scaled proportionately from the original proposal.

Describe and explain leverage source and confirmation of funds:

The Land Trust encourages landowners to fully or partially donate the value of conservation easements to the program. The leverage amount is a conservative estimate of value we expect to see donated by landowners. USFWS has committed cash and in-kind staff time toward restoration/enhancement projects.

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

Restoration and enhancement accounts for \$475,000 of the contract line amount. Additional funds in the contract line are for the writing of habitat management plans via qualified vendors and engaging respective County Soil and Water Conservation Districts for landowner outreach purposes to facilitate communication of the protection program.

Easement Stewardship**What is the number of easements anticipated, cost per easement for stewardship, and explain how that amount is calculated?**

The average cost per easement to fund the Minnesota Land Trust's perpetual monitoring and enforcement obligations is \$24,000. This figure is derived from MLT's detailed stewardship funding "cost analysis" which is consistent with Land Trust Accreditation standards. MLT shares periodic updates to this cost analysis with LSOHC staff.

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

Yes

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

Land Trust staff regularly rent vehicles for grant-related purposes, which is a significant cost savings over use of personal vehicles.

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

No

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

In a process that was approved by the DNR on March 17, 2017, Minnesota Land Trust determined our direct support services rate to include all of the allowable direct and necessary expenditures that are not captured in other line items in the budget, which is similar to the Land Trust's proposed federal indirect rate. We will apply this DNR-approved rate only to personnel expenses to determine the total amount of direct support services.

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

Yes

Are the funds confirmed?

Yes

Is Confirmation Document attached?

[Yes](#)

- In Kind : \$12,000

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

Type	Wetland	Prairie	Forest	Habitat	Total Acres
Restore	25	191	0	0	216
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	1,040	1,040
Enhance	43	683	0	0	726
Total	68	874	0	1,040	1,982

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

Type	Native Prairie (acres)
Restore	42
Protect in Fee with State PILT Liability	0
Protect in Fee w/o State PILT Liability	0
Protect in Easement	0
Enhance	51
Total	93

Total Requested Funding by Resource Type (Table 2)

Type	Wetland	Prairie	Forest	Habitat	Total Funding
Restore	\$40,000	\$162,000	-	-	\$202,000
Protect in Fee with State PILT Liability	-	-	-	-	-
Protect in Fee w/o State PILT Liability	-	-	-	-	-
Protect in Easement	-	-	-	\$1,838,000	\$1,838,000
Enhance	\$79,600	\$563,400	-	-	\$643,000
Total	\$119,600	\$725,400	-	\$1,838,000	\$2,683,000

Acres within each Ecological Section (Table 3)

Type	Metro/Urban	Forest/Prairie	SE Forest	Prairie	N. Forest	Total Acres
Restore	0	54	0	162	0	216
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	520	0	520	0	1,040
Enhance	0	258	0	468	0	726
Total	0	832	0	1,150	0	1,982

Total Requested Funding within each Ecological Section (Table 4)

Type	Metro/Urban	Forest/Prairie	SE Forest	Prairie	N. Forest	Total Funding
Restore	-	\$93,400	-	\$108,600	-	\$202,000
Protect in Fee with State PILT Liability	-	-	-	-	-	-
Protect in Fee w/o State PILT Liability	-	-	-	-	-	-
Protect in Easement	-	\$919,000	-	\$919,000	-	\$1,838,000
Enhance	-	\$273,900	-	\$369,100	-	\$643,000
Total	-	\$1,286,300	-	\$1,396,700	-	\$2,683,000

Average Cost per Acre by Resource Type (Table 5)

Type	Wetland	Prairie	Forest	Habitat
Restore	\$1,600	\$848	-	-
Protect in Fee with State PILT Liability	-	-	-	-
Protect in Fee w/o State PILT Liability	-	-	-	-
Protect in Easement	-	-	-	\$1,767
Enhance	\$1,851	\$824	-	-

Average Cost per Acre by Ecological Section (Table 6)

Type	Metro/Urban	Forest/Prairie	SE Forest	Prairie	N. Forest
Restore	-	\$1,729	-	\$670	-
Protect in Fee with State PILT Liability	-	-	-	-	-
Protect in Fee w/o State PILT Liability	-	-	-	-	-
Protect in Easement	-	\$1,767	-	\$1,767	-
Enhance	-	\$1,061	-	\$788	-

Target Lake/Stream/River Feet or Miles

Parcels

Parcel Information

Sign-up Criteria?

[Yes - Sign up criteria is attached](#)

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

Restore / Enhance Parcels

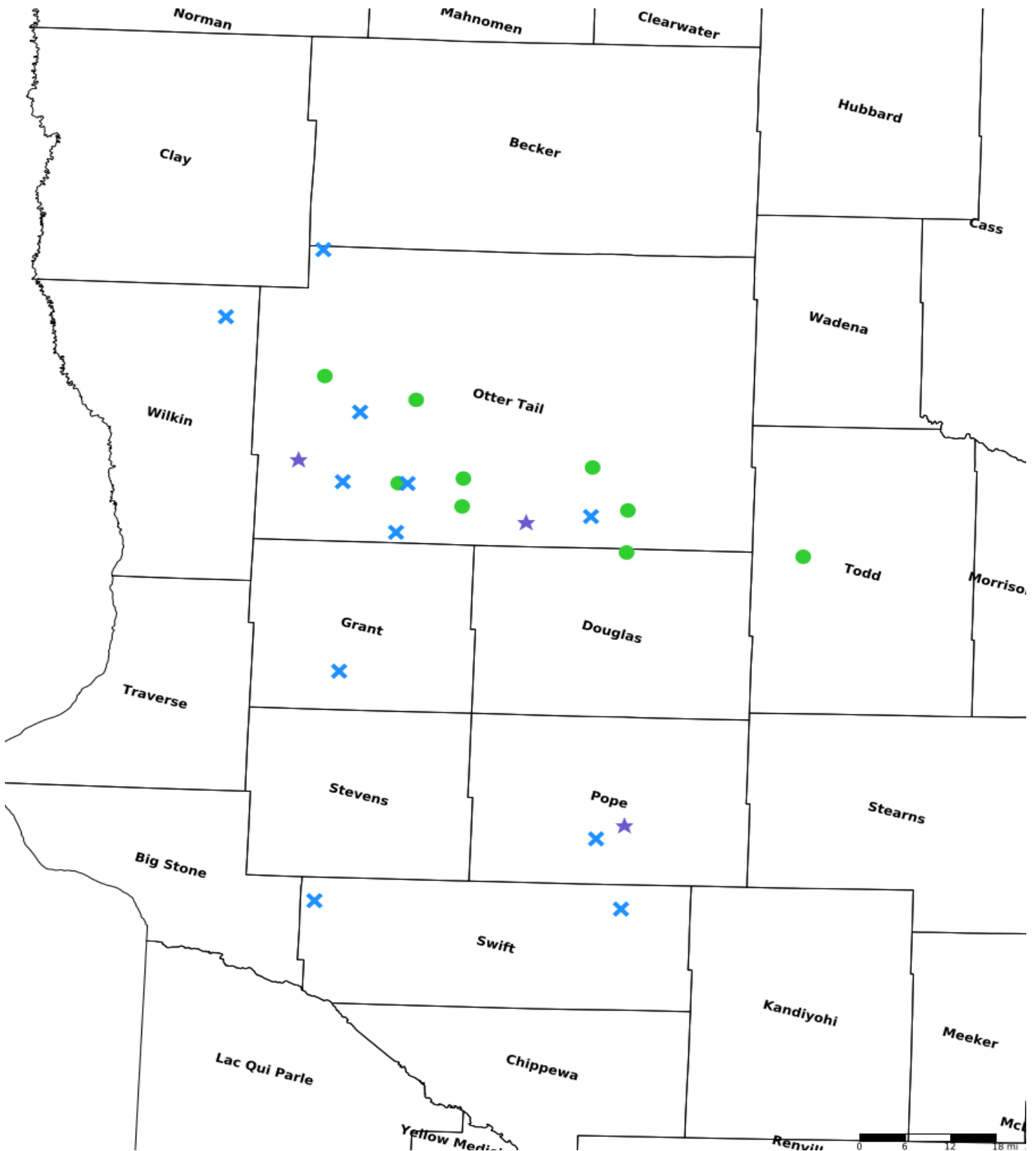
Name	County	TRDS	Acres	Est Cost	Existing Protection	Description
DVel	Grant	12743203	4	\$7,600	Yes	Wetland restoration (USFWS wetland easement).
DRen	Otter Tail	13743205	198	\$27,400	Yes	Tree removal, prescribed fire and prairie planting (USFWS grassland easement)
RScoDBra	Otter Tail	13244202	25	\$10,000	Yes	Wetland restoration (USFWS wetland easement).
JCMar	Otter Tail	13242223	71	\$46,000	Yes	Tree removal and wetland restoration (USFWS Grassland Easement).
KEva	Otter Tail	13140213	54	\$63,428	Yes	Tree removal, oak savanna restoration, prescribed fire, wetland restoration and prairie planting within Lake Christina Prairie Plan corridor (USFWS Grassland Easement).
LWRog	Otter Tail	13243222	76	\$60,000	Yes	Wetland enhancement (USFWS wetland easement).
FFFGCSau	Otter Tail	13443236	102	\$100,400	Yes	Tree removal, prescribed fire, and wetland restoration (USFWS Grassland Easement).
CHanMSla	Otter Tail	13138207	188	\$167,900	Yes	Tree removal, oak savanna restoration, prescribed fire, wetland restoration and prairie planting (USFWS Grassland Easement).
FFFGCDem	Otter Tail	13142227	211	\$165,500	Yes	Tree removal, prescribed fire, gravel pit reclamation and prairie planting, and wetland restoration within the Lake Christina Prairie Plan Corridor (USFWS Grassland Easement).
Ande	Pope	12438232	32	\$12,000	Yes	Woody invasive species removal on native prairie bordering Edwards Lake (USFWS habitat easement)
NEst	Pope	12438223	137	\$38,600	Yes	Woody species removal and cool season grass conversion; 42 acres of native prairie (USFWS habitat easement).

Lehn	Swift	12243220	39	\$12,000	Yes	Woody species removal and wetland restoration; 14 acres of native prairie (USFWS habitat easement)
Flad	Swift	12238223	182	\$22,000	Yes	Woody species removal and wetland restoration; 5 acres of native prairie (USFWS habitat easement)
TMal	Wilkin	13645228	154	\$77,100	Yes	Tree removal, prescribed fire, gravel pit reclamation and prairie planting, and wetland restoration within Rothsay/Agassiz Beach Ridges Prairie Plan Core Area (USFWS Grassland Easement).

Easement Parcels

Name	County	TRDS	Acres	Est Cost	Existing Protection
Leaf Valley	Douglas	13038202	150	\$143,000	No
Long Lake	Otter Tail	13141202	20	\$30,000	No
Pelican River (Pederson)	Otter Tail	13443205	161	\$306,000	No
East Red River	Otter Tail	13442224	80	\$120,000	No
Battle Creek (Wallevand Family Trust)	Otter Tail	13238206	94	\$248,600	No
Folden Woods (Inspiration Point)	Otter Tail	13138202	287	\$322,917	No
Tamarack Lake (Rose Clan)	Otter Tail	13241214	129	\$262,800	No
Pomme de Terre (Wasson)	Otter Tail	13242222	17	\$0	No
Rose City	Todd	13035201	255	\$382,500	No

Parcel Map



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