



## Lessard-Sams Outdoor Heritage Council

DNR Grasslands - Phase XI

Laws of Minnesota 2019 Accomplishment Plan

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### General Information

**Date:** 12/13/2023

**Project Title:** DNR Grasslands - Phase XI

**Funds Recommended:** \$8,861,000

**Legislative Citation:** ML 2019, 1st Sp. Session, Ch. 2, Art. 1, Sec. 2, subd, 2(i)

**Appropriation Language:** \$8,861,000 the first year is to the commissioner of natural resources to accelerate restoration and enhancement of prairies, grasslands, and savannas in wildlife management areas, in scientific and natural areas, in aquatic management areas, on lands in the native prairie bank, in bluff prairies on state forest land in southeastern Minnesota, and in waterfowl production areas and refuge lands of the United States Fish and Wildlife Service. A list of proposed land restorations and enhancements must be provided as part of the required accomplishment plan.

### Manager Information

**Manager's Name:** Greg Hoch

**Title:** Prairie Habitat Team Supervisor

**Organization:** MN DNR

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### Location Information

**County Location(s):** Winona, Brown, Clay, Wabasha, Polk, Murray, Fillmore, Stevens, Wilkin, Beltrami, Chippewa, Houston, Goodhue, Lincoln, Kandiyohi, Wright, Meeker, Lac qui Parle, Becker, Rice, Otter Tail, Kittson, Nicollet, Lyon, Blue Earth, Olmsted, Freeborn, Jackson, Martin, Aitkin, Kanabec, Mille Lacs, McLeod, Pope, Douglas, Pennington, Norman, Clearwater, Mahnomon, Todd, Cass, Big Stone, Swift, Grant, Red Lake, Traverse, Hubbard, Yellow Medicine, Cottonwood, Chisago, Mower, Renville, Hennepin, Sherburne, Dakota, Anoka, Marshall, Roseau, Isanti, Pipestone, Redwood, Le Sueur and Stearns.

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

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

**Activity types:**

- Restore
- Enhance

**Priority resources addressed by activity:**

- Wetlands
- Prairie
- Habitat

## Narrative

### Abstract

Grasslands continue to be the most threatened habitat in the state. This programmatic request will build on the DNR's history of enhancing and restoring grasslands, embedded wetlands, and savannas to increase wildlife populations. The Prairie Plan, Pheasant Plan, and Wildlife Action Plan will guide our efforts and ensure we are operating in a strategic and targeted manner. This proposal will enhance and restore grasslands on parcels that are permanently protected and most open to public hunting. These include DNR WMAs, SNAs, AMAs, Native Prairie Bank (NPB) easements, State Forests, as well as federal WPAs and NWRs.

### Design and Scope of Work

A drive through northern Minnesota takes you through forests of oak or aspen or pine of different age structures, bogs, sedge meadows, and brushland. Each of these is habitat for a wide range of species. A drive through southern Minnesota, especially in the winter finds mowed ditches and disced fields. There is little food and less cover.

In many farmland counties less than five percent of the area is in public wildlife lands, often much less. Since 2007, Minnesota has lost nearly a million acres of CRP. This fall, another 203,000 acres will expire from the program. The nine county area of southwest Minnesota has lost 52 square miles of CRP since 2007. They will lose another 50 square miles in the next three years. Minnesota is scheduled to lose another 865 square miles of CRP enrollments over the five year period of this request.

Wildlife and pollinator populations are a fraction of what they were even a decade ago. Water quality, especially nitrate contamination, is a human health and wildlife issue. Restoring and enhancing grasslands are one of the most effective ways to improve all of these issues.

Because of the losses of grassland and wetland habitat across western Minnesota both historically and in recent years, it is that much more important that the public grasslands in Minnesota are as productive as possible for wildlife and pollinators.

This programmatic request seeks funding to enhance grassland habitat on permanently protected grasslands and prairies, most of which are open to public hunting. Without periodic management to simulate historical disturbance patterns, grassland lose diversity and productivity. Invasive species may increase and woody vegetation will encroach into the grasslands, changing their very character and the species that inhabit the area. The activities listed in this proposal will use BMPs for grassland enhancement and diverse local ecotype seed mixes for restoration.

Contract work for prescribed fire, woody species removal, invasive species control, grassland restoration, and other enhancement efforts. Requests includes a contract coordinator.

WMA Habitat Enhancement and restoration (33,400 acres) over five years – \$3,331,000

This request seeks to enhance grassland habitat by continuing funding a DNR Region 1 (northwestern) Roving Crew. Building on this successful model, this year we are proposing a new Roving Crew for the south-central part of the state.

Two DNR Roving Crews (31,000 acres) over 5 years - \$3,661,200

This request will restore and enhance native prairies on SNAs and Native Prairie Bank (NPB) easements as described above for WMAs.

SNA/NPB Enhancement and restoration (1,900 acres) over five years– \$1,128,800

We are partnering with the USFWS to increase their capacity for prescribed fire in WPAs and National Wildlife Refuges (NWR).

USFWS Prescribed Fire Enhancements (22,000 acres) over two years – \$740,000

We realize this is a large request. However, we also feel like we have the capacity to have a large return in habitat enhancement and restoration for this investment.

## **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?**

Grasslands and grassland wildlife continue to be the most threatened habitat and populations, both in Minnesota and across the Midwest.

According to the Wildlife Action Plan, Minnesota's grasslands contain 4 state threatened species, 14 state endangered species, and 29 species of concern. The species on this list include 1 amphibian, 11 birds, 5 mammals, 16 moths and butterflies, 9 other invertebrates, and 5 reptiles. The Dakota skipper was recently federally listed as threatened and the Poweshiek's skipperling as endangered. Minnesota is a key state for monarch butterflies and they need the pollen and nectar found in grasslands to complete their life cycle.

With few exceptions, grasslands for game species, nongame species, SGCN, and T&E species are similar. They all need habitat composed of a diversity of native grasses and forbs. Enhancements for one species will almost always benefit dozens of other species in the habitat. Many species of invertebrates and pollinators need a diversity and abundance of flowering plants. Many birds need grassland free of trees. All species need clean water free of sediment and chemical pollutants. While the work proposed here will benefit game species, non-game species, SGCN, and T&E, it will also go beyond these objectives to provide numerous ecosystem services such as water filtration, floodwater retention and reduced flood damage, and creating pollinator habitat to help sustain segments of the agricultural economy.

## **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:**

The projects in this proposal will be guided primarily by the Prairie Conservation Plan and Pheasant Summit Action Plan. First and foremost, these Plans outline focal areas (Core Areas and Habitat Complexes) where we can build on an existing base of conservation lands and improve the habitat there. The Prairie Plan identifies specific corridors and complexes that connect larger core areas.

The latest science is telling us that it isn't the size of an individual habitat parcel that matters as much as the amount of habitat in the larger surrounding landscape. These Plans, and the work proposed here, build on these concepts of landscape level habitat planning. We will not restrict ourselves to these focal areas. There are critical habitats outside these areas. However, we will use these Plans to focus our efforts in areas where they can have the greatest wildlife benefits.

The new Wildlife Action Plan is currently being integrated with the Prairie Plan to help us determine where to focus our monitoring efforts. The first Conservation Focus Area is in the prairie region of the state.

Additionally, conservation partners (DNR, USFWS, TNC, and Audubon) recently received a grant through the USFWS to help us monitor habitat quality, wildlife abundance, and the response of wildlife to all OHF funded activities in these areas. Another federal monitoring-focused grant was submitted in May 2018. An LCCMR monitoring proposal was also submitted in 2018. The DNR and our conservation partners take these funds, and the monitoring of outputs and outcomes, seriously.

### **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 Plan for the Ring-Necked Pheasant in MN
- Minnesota Prairie Conservation Plan

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

#### **Forest / Prairie Transition**

- Protect, enhance, and restore rare native remnant prairie

#### **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**

- 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

#### **Prairie**

- Restore or enhance habitat on public lands

#### **Southeast Forest**

- Protect, enhance, and restore remnant goat prairies

## **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 proposal will be primarily focused on enhancing grasslands. Migratory game and non-game birds will be some of the primary beneficiaries of this work. We are working with the University of Minnesota to incorporate graduate students into research and monitoring work.*

### Programs in metropolitan urbanizing region:

- Core areas protected with highly biologically diverse wetlands and plant communities, including native prairie, Big Woods, and oak savanna ~ *Monitoring will take place with the base level monitoring conducted by DNR staff and staff from other agencies/NGOs.*

### Programs in the northern forest region:

- Healthy populations of endangered, threatened, and special concern species as well as more common species ~ *Monitoring will take place with the base level monitoring conducted by DNR staff and staff from other agencies/NGOs. This includes surveys such as pheasant, sharp-tailed grouse, and woodcock, which are all dependent on open areas.*

### Programs in prairie region:

- Restored and enhanced upland habitats ~ *The multi-agency/NGO Grassland Monitoring Team (GMT) has developed standardized protocols for sampling grassland vegetation and a number of the sites on this request will be sampled over the 5 year period.*

### Programs in southeast forest region:

- Healthier populations of endangered, threatened, and special concern species as well as more common species ~ *Monitoring will primarily be done through studies conducted by the DNR's Ecological and Water Resources Division of key indicator species such as timber rattlesnakes.*

### Does this program include leveraged funding?

-

### 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.

These funds are for additional enhance/restoration work beyond what the DNR is already conducting. These funds are not supplanting or substituting any funds.

### Non-OHF Appropriations

Year	Source	Amount
2017	Game and Fish (Wildlife Operations)	\$22,700,000
2017	Dedicated Accounts (Duck Stamp, Pheasant Stamp, etc)	\$5,600,000
2017	Heritage Enhancement Acct	\$3,400,000

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

Continuing maintenance and enhancement of these sites will be conducted by DNR Wildlife staff on WMAs, DNR EWR staff on SNAs and NPB, and by the USFWS on WPAs and Refuges. Maintaining appropriate levels of enhancement on all conservation lands will be dependent on future requests from OHF, Game and Fish Fund, bonding, USFWS operating budgets, Special Projects funds for SNA, and other grants such as the North American Wetland Conservation Act (NAWCA). The OHF provides Minnesota's conservation community with a large amount of non-Federal dollars as match that other Midwestern states don't have. In recent years, the Minnesota prairie conservation partners have been maximizing our efforts in these areas.

## Actions to Maintain Project Outcomes

Year	Source of Funds	Step 1	Step 2	Step 3
2022	Those listed above and OHF	Monitor subset of projects	Document results	Determine capacity for traditional funds to meet objectives
2023 and beyond	Those listed above and OHF	Continue long-term monitoring	Adapt results for future projects	Seek funds for ongoing monitoring, develop relationships with university programs

### Activity Details

#### Requirements

**If funded, this program 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 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
- WPA
- SNA
- AMA
- Permanently Protected Conservation Easements
- Refuge Lands
- State Forests

#### Land Use

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

Yes

**Explain what will be planted:**

There may be an instance of very limited rowcrop planting as part of a restoration process. But this would only be for a very short time before the site is planted to native grasses and forbs. Some of the crops may be GMO, but none of the crops should be treated with neonicotinoid seed coats and any farming will follow standard chemical use practices as outlined in DNR Operational Orders.

**Are any of the crop types planted GMO treated?**

True

### Timeline

Activity Name	Estimated Completion Date
WMA Enhancement / Restoration - contracts	6/30/2024

SNA / NPB Easement Enhancement	6/30/2024
Roving Crew Enhancement / Restoration	6/30/2024
WPA/NWR Prescription Fire	6/30/2024

**Date of Final Report Submission:** 11/01/2024

**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, 2022. For acquisition of real property, the amounts in this section are available until June 30, 2023, if a binding agreement with a landowner or purchase agreement is entered into by June 30, 2022, and closed no later than June 30, 2023. Funds for restoration or enhancement are available until June 30, 2024, 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 that federal funding was confirmed and included in the original 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	\$3,576,300	-	-	\$3,576,300
Contracts	\$2,849,700	-	-	\$2,849,700
Fee Acquisition w/ PILT	-	-	-	-
Fee Acquisition w/o PILT	-	-	-	-
Easement Acquisition	-	-	-	-
Easement Stewardship	-	-	-	-
Travel	\$1,012,400	-	-	\$1,012,400
Professional Services	-	-	-	-
Direct Support Services	\$352,400	-	-	\$352,400
DNR Land Acquisition Costs	-	-	-	-
Capital Equipment	-	-	-	-
Other Equipment/Tools	\$1,700	-	-	\$1,700
Supplies/Materials	\$1,068,500	-	-	\$1,068,500
DNR IDP	-	-	-	-
<b>Grand Total</b>	<b>\$8,861,000</b>	-	-	<b>\$8,861,000</b>

**Personnel**

Position	Annual FTE	Years Working	Funding Request	Leverage	Leverage Source	Total
SNA contract and budget management	0.05	4.0	\$17,000	-	-	\$17,000
SNA-NPB specs and techs	0.98	4.0	\$243,000	-	-	\$243,000
SNA Laborers and seasonal crews	0.25	4.0	\$34,500	-	-	\$34,500
FAW contract specialist	1.0	5.0	\$425,000	-	-	\$425,000
Region 1 Roving Crew (6 positions)	6.0	3.0	\$1,343,400	-	-	\$1,343,400
South-central Roving Crew (6 positions)	6.0	3.0	\$1,513,400	-	-	\$1,513,400

**Amount of Request:** \$8,861,000

**Amount of Leverage:** -

**Leverage as a percent of the Request:** 0.0%

**DSS + Personnel:** \$3,928,700

**As a % of the total request:** 44.34%

**Easement Stewardship: -**

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

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

Both roving crews were reduced from 5 to 3 years of funding. Contract work for habitat enhancement and roving crew accomplishments were reduced proportional to the reduced funding.

## **Contracts**

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

The contract line includes funds to the USFWS for to increase their fire capacity as well as contracts with rural small businesses for seed harvest and habitat projects.

## **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**

All activities related to travel for the Roving Crews we place in the travel line. This includes basic mileage and lodging as well as equipment rentals and leases, etc.

**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?**

We used the standard DNR Direct and Necessary calculator created for LSOHC/OHF and LCCMR/ENRTF.

## **Federal Funds**

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

No

## Output Tables

### Acres by Resource Type (Table 1)

Type	Wetland	Prairie	Forest	Habitat	Total Acres
Restore	0	2,111	0	0	2,111
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	86,222	0	0	86,222
<b>Total</b>	<b>0</b>	<b>88,333</b>	<b>0</b>	<b>0</b>	<b>88,333</b>

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

Type	Native Prairie (acres)
Restore	0
Protect in Fee with State PILT Liability	0
Protect in Fee w/o State PILT Liability	0
Protect in Easement	0
Enhance	2,000
<b>Total</b>	<b>2,000</b>

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

Type	Wetland	Prairie	Forest	Habitat	Total Funding
Restore	-	\$2,083,600	-	-	\$2,083,600
Protect in Fee with State PILT Liability	-	-	-	-	-
Protect in Fee w/o State PILT Liability	-	-	-	-	-
Protect in Easement	-	-	-	-	-
Enhance	-	\$6,777,400	-	-	\$6,777,400
<b>Total</b>	<b>-</b>	<b>\$8,861,000</b>	<b>-</b>	<b>-</b>	<b>\$8,861,000</b>

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

Type	Metro/Urban	Forest/Prairie	SE Forest	Prairie	N. Forest	Total Acres
Restore	7	2	413	1,460	229	2,111
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	83	31,433	741	47,017	6,948	86,222
<b>Total</b>	<b>90</b>	<b>31,435</b>	<b>1,154</b>	<b>48,477</b>	<b>7,177</b>	<b>88,333</b>

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

Type	Metro/Urban	Forest/Prairie	SE Forest	Prairie	N. Forest	Total Funding
Restore	\$5,800	\$1,200	\$403,400	\$1,475,600	\$197,600	\$2,083,600
Protect in Fee with State PILT Liability	-	-	-	-	-	-
Protect in Fee w/o State PILT Liability	-	-	-	-	-	-
Protect in Easement	-	-	-	-	-	-
Enhance	\$65,000	\$386,900	\$422,500	\$5,814,700	\$88,300	\$6,777,400
<b>Total</b>	<b>\$70,800</b>	<b>\$388,100</b>	<b>\$825,900</b>	<b>\$7,290,300</b>	<b>\$285,900</b>	<b>\$8,861,000</b>

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

Type	Wetland	Prairie	Forest	Habitat
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Restore	-	\$987	-	-
Protect in Fee with State PILT Liability	-	-	-	-
Protect in Fee w/o State PILT Liability	-	-	-	-
Protect in Easement	-	-	-	-
Enhance	-	\$78	-	-

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

Type	Metro/Urban	Forest/Prairie	SE Forest	Prairie	N. Forest
Restore	\$828	\$600	\$976	\$1,010	\$862
Protect in Fee with State PILT Liability	-	-	-	-	-
Protect in Fee w/o State PILT Liability	-	-	-	-	-
Protect in Easement	-	-	-	-	-
Enhance	\$783	\$12	\$570	\$123	\$12

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

## Parcels

*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.*

### Parcel Information

#### Sign-up Criteria?

No

**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
Gun Lake WMA	Aitkin	04825204	240	\$136,800	Yes
Blaine Preserve SNA	Anoka	03123226	4	\$14,700	Yes
Blaine Preserve SNA	Anoka	03123226	10	\$12,600	Yes
Callaway WMA	Becker	14139208	50	\$7,500	Yes
Hamden Slough NWR	Becker	13942202	320	\$4,000	Yes
Beltrami Island SF	Beltrami	15538224	15,000	\$65,000	Yes
Odessa 19-1 NPB	Big Stone	12145219	8	\$14,300	Yes
Clinton Prairie SNA	Big Stone	12347216	45	\$9,100	Yes
Lac qui Parle WMA: Main Unit	Big Stone	12044224	26	\$15,600	Yes
Johnson NPB	Big Stone	12247212	2	\$1,500	Yes
Foster 34-1 NPB	Big Stone	12348234	25	\$6,000	Yes
Bonanza Prairie SNA	Big Stone	12348220	7	\$9,100	Yes
Odessa 19-1 NPB	Big Stone	12145219	20	\$6,000	Yes
O A Vee Memorial WMA	Blue Earth	10828225	35	\$24,500	Yes
Wood Lake WMA	Brown	10833228	120	\$54,000	Yes
Cottonwood River Prairie SNA	Brown	10935231	35	\$4,700	Yes
Mulligan 18-1 NPB	Brown	10833218	55	\$5,300	Yes
Linden 6-1 NPB	Brown	10830206	9	\$4,200	Yes
Bashaw WMA: Dahl Unit	Brown	10834216	74	\$55,500	Yes
Harold & Marie Deutsch WMA	Cass	13531222	85	\$90,875	Yes
Lac qui Parle WMA: Controlled Hunting Zone	Chippewa	11842212	71	\$50,000	Yes
Lac qui Parle WMA: Controlled Hunting Zone	Chippewa	11942228	30	\$18,200	Yes
Lac qui Parle WMA: Controlled Hunting Zone	Chippewa	11842212	160	\$80,000	Yes
Lac qui Parle WMA: Controlled Hunting Zone	Chippewa	11942234	21	\$16,000	Yes
Gneiss Outcrops SNA	Chippewa	11539211	150	\$107,500	Yes
Benderberg WMA	Chippewa	11941219	300	\$85,800	Yes
Lac qui Parle WMA: Controlled Hunting Zone	Chippewa	11942220	620	\$300,500	Yes
Lac qui Parle WMA: Controlled Hunting Zone	Chippewa	11842212	25	\$15,000	Yes
Lac qui Parle WMA: Main Unit	Chippewa	11841208	95	\$46,500	Yes
Carlos Avery WMA Complex	Chisago	03421227	100	\$204,300	Yes
Felton Prairie SNA-Bicentennial	Clay	14145205	1	\$4,000	Yes
Strand N & S NPB	Clay	14244219	20	\$14,900	Yes
Flowing 12-1 NPB	Clay	14146212	1	\$4,000	Yes
Blanket Flower SNA	Clay	13744214	3	\$10,000	Yes
Hoykens WPA	Clay	14044217	100	\$3,000	Yes
Flowing 12-1 NPB	Clay	14146212	75	\$13,000	Yes
Blanket Flower SNA	Clay	13744214	40	\$12,500	Yes

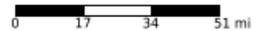
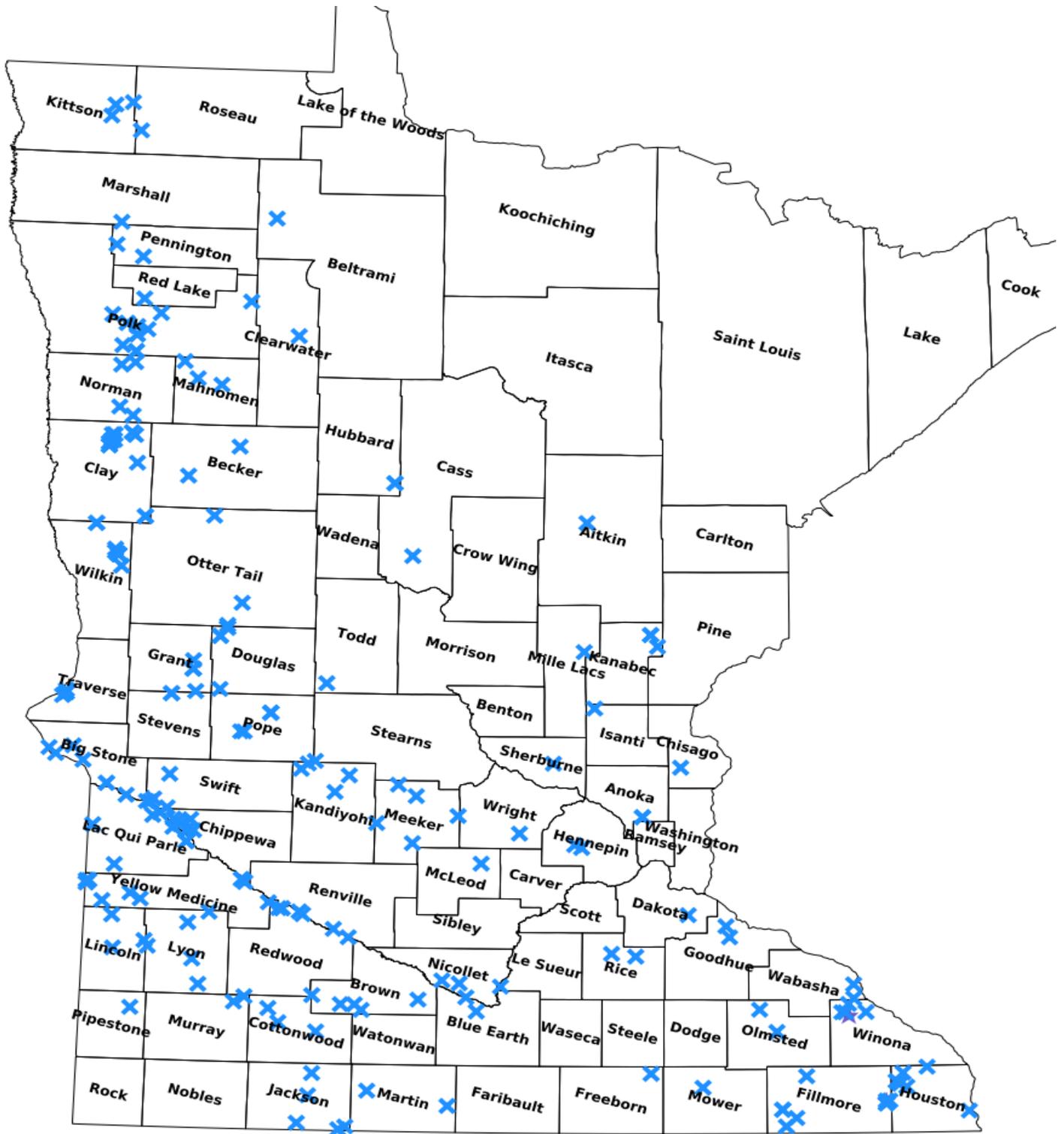
Felton Prairie SNA-Assinaboia	Clay	14245229	15	\$15,200	Yes
Felton Prairie SNA-Assinaboia	Clay	14245229	1	\$4,000	Yes
Felton Prairie SNA-County Land	Clay	14145206	5	\$26,700	Yes
Felton Prairie SNA-County Land	Clay	14145206	50	\$12,600	Yes
B-B NPB	Clay	14146213	70	\$15,900	Yes
B-B NPB	Clay	14146213	1	\$4,000	Yes
Ulen 29-1 NPB	Clay	14244229	1	\$12,000	Yes
Felton Prairie SNA-Shrike Unit	Clay	14245230	1	\$4,000	Yes
Felton Prairie SNA-County Land	Clay	14145206	1	\$4,000	Yes
Old Red Lake Trail WMA	Clearwater	14837224	32	\$29,000	Yes
Ann 25-1 NPB	Cottonwood	10838225	20	\$4,400	Yes
Storden 21-1 NPB	Cottonwood	10737221	20	\$5,200	Yes
Carson 5-1 NPB	Cottonwood	10635205	20	\$4,400	Yes
Chimney Rock SNA	Dakota	11417231	5	\$10,600	Yes
Lund 21-1 NPB	Douglas	13040221	10	\$10,100	Yes
Lund 2-1 NPB	Douglas	13040202	5	\$17,100	Yes
Kensington WMA	Douglas	12740228	11	\$55,000	Yes
Lund 2-1 NPB	Douglas	13040202	1	\$4,000	Yes
Lund 21-1 NPB	Douglas	13040221	1	\$4,000	Yes
Choice WMA	Fillmore	10208201	60	\$53,000	Yes
Choice WMA	Fillmore	10208211	80	\$275,000	Yes
Nosek WMA	Fillmore	10113224	14	\$47,000	Yes
Beaver Creek WMA	Fillmore	10112204	1,000	\$130,000	Yes
Choice WMA	Fillmore	10208211	230	\$176,000	Yes
Goethite WMA	Fillmore	10213223	7	\$11,500	Yes
Choice WMA	Fillmore	10208211	233	\$172,550	Yes
Goethite WMA	Fillmore	10213223	27	\$21,500	Yes
Yucatan SF complex	Fillmore	10208202	30	\$32,600	Yes
Yucatan SF complex	Fillmore	10208202	150	\$52,400	Yes
Pin Oak Prairie SNA	Fillmore	10412224	20	\$47,800	Yes
Wo Wacintanka WMA	Freeborn	10419216	60	\$40,000	Yes
John Peter Hoffman Spring Brook Valley WMA	Goodhue	11215207	30	\$35,000	Yes
Cannon River Turtle Preserve SNA	Goodhue	11316224	20	\$84,800	Yes
Elk Lake 19-1 NPB	Grant	12841219	20	\$10,300	Yes
Elk Lake 19-1 NPB	Grant	12841219	1	\$4,000	Yes
Elk Lake 19-1 NPB	Grant	12841219	2	\$13,600	Yes
Woodke A & B NPB	Grant	12741232	1	\$4,000	Yes
Olsen NPB	Grant	12841206	1	\$4,000	Yes
Wood-Rill SNA	Hennepin	11823236	18	\$20,200	Yes
Wolsfeld Woods SNA	Hennepin	11823227	23	\$20,300	Yes
Looney Valley SF Complex	Houston	10406202	20	\$31,600	Yes
Ferndale Ridge WMA	Houston	10407232	12	\$15,800	Yes
Vinegar Ridge SF Complex	Houston	10407215	170	\$34,200	Yes
Ferndale Ridge WMA	Houston	10407232	22	\$29,750	Yes
Wetbark SF Complex	Houston	10307211	125	\$30,500	Yes
Reno SF Complex	Houston	10204226	73	\$26,200	Yes
Chisholm Valley WMA	Houston	10307204	10	\$27,000	Yes
Badoura SNA	Hubbard	13932211	1	\$4,000	Yes
Badoura SNA	Hubbard	13932211	10	\$10,100	Yes
Dalbo WMA: Main Unit	Isanti	03725209	51	\$25,500	Yes
Petersburg 26-1 NPB	Jackson	10134226	12	\$4,800	Yes
Des Moines Prairie SNA	Jackson	10435219	45	\$6,300	Yes
Toe WMA	Jackson	10336236	310	\$15,000	Yes
Sangl WMA	Jackson	10136221	324	\$25,000	Yes
Petersburg 33-1 NPB	Jackson	10134233	15	\$4,800	Yes
Kroschel WMA	Kanabec	04222228	1	\$1,500	Yes
Kroschel WMA	Kanabec	04222228	1	\$8,500	Yes

Pomroy Pastures WMA	Kanabec	04122214	440	\$105,000	Yes
Burbank WMA	Kandiyohi	12234226	42	\$25,500	Yes
Oleander WMA	Kandiyohi	12236216	57	\$15,750	Yes
Cabinrock WMA	Kandiyohi	12236202	31	\$23,200	Yes
Ringo-Nest WMA	Kandiyohi	12134230	31	\$21,700	Yes
Beaches Lake WMA: Main South East Unit	Kittson	16145206	300	\$45,000	Yes
Beaches Lake WMA: Main Unit	Kittson	16245236	45,000	\$117,000	Yes
Lake Bronson Parkland SNA	Kittson	16146225	20	\$11,300	Yes
Hantho 17-1 NPB	Lac qui Parle	11943217	25	\$6,200	Yes
Lac qui Parle WMA: Main Unit	Lac qui Parle	11943210	72	\$140,000	Yes
Lac qui Parle WMA: Main Unit	Lac qui Parle	12045212	111	\$66,000	Yes
Yellow Bank Hills SNA	Lac qui Parle	11846202	22	\$6,700	Yes
Odden NPB	Lac qui Parle	11645216	12	\$4,800	Yes
Lac qui Parle 36-1 NPB	Lac qui Parle	11842236	6	\$50,800	Yes
Lac qui Parle WMA: Controlled Hunting Zone	Lac qui Parle	11842205	180	\$40,000	Yes
Lac qui Parle 36-1 NPB	Lac qui Parle	11842236	45	\$6,400	Yes
Kasota Prairie SNA	Le Sueur	10926207	11	\$4,000	Yes
Prairie Dell WMA	Lincoln	11345216	38	\$15,000	Yes
Chain-O-Sloughs WMA	Lincoln	11145216	39	\$12,000	Yes
Bosque WMA	Lincoln	11244236	26	\$120,000	Yes
Vallers WMA	Lyon	11341230	127	\$76,200	Yes
Custer 15-1 NPB	Lyon	10941215	40	\$7,600	Yes
Buetiful Acres	Lyon	11141232	168	\$33,000	Yes
Gabriel Anderson WMA	Lyon	11340206	10	\$7,500	Yes
Sioux Prairie WMA	Lyon	11143207	443	\$36,900	Yes
Beaulieu WMA	Mahnomen	14540220	50	\$25,000	Yes
Santee Prairie SNA	Mahnomen	14541207	1	\$4,000	Yes
Bejou WMA	Mahnomen	14642209	200	\$21,500	Yes
Viking 4-1 NPB	Marshall	15445204	1	\$4,000	Yes
Leudtke WMA	Martin	10229215	50	\$25,000	Yes
Caron WMA	Martin	10333223	20	\$8,000	Yes
Clouster Lake WMA	McLeod	11727231	7	\$4,900	Yes
Madsen WMA	Meeker	11831226	108	\$54,000	Yes
Knapp WMA	Meeker	11929201	200	\$25,000	Yes
Butternut WMA: North Unit	Meeker	11932219	15	\$20,000	Yes
Manannah WMA	Meeker	12131236	129	\$64,500	Yes
Teal Scurry WMA	Meeker	12131207	7	\$6,000	Yes
Mille Lacs WMA	Mille Lacs	04125229	100	\$120,000	Yes
Wild Indigo SNA	Mower	10317212	20	\$60,300	Yes
Holly 2-1 NPB	Murray	10839202	40	\$5,400	Yes
Holly 17-1 NPB	Murray	10839217	17	\$4,300	Yes
Nicollet 33-1 NPB	Nicollet	10928233	30	\$5,000	Yes
Swan Lake WMA	Nicollet	10928206	1,500	\$1,500,000	Yes
Swan Lake WMA: Courtland Central Unit	Nicollet	11029232	225	\$10,000	Yes
Prairie Smoke Dunes SNA	Norman	14644217	1	\$4,000	Yes
Agassiz-Olson WMA	Norman	14645221	200	\$100,000	Yes
Sandpiper Prairie SNA	Norman	14345204	1	\$4,000	Yes
Neal WMA	Norman	14344219	700	\$45,000	Yes
Gordon W. Yeager WMA: Nelson Unit	Olmsted	10713233	340	\$340,200	Yes
Oronoco Prairie SNA	Olmsted	10814222	2	\$5,000	Yes
Sonnenberg WMA	Otter Tail	13740218	5	\$2,500	Yes
Nidaros 21-1 NPB	Otter Tail	13239221	1	\$4,000	Yes
Wallace NPB	Otter Tail	13140235	1	\$4,000	Yes
Higinbotham WMA	Pennington	15244204	150	\$23,100	Yes
Pembina WMA: Pennington County Unit	Pennington	15345217	100	\$23,100	Yes
Prairie Coteau SNA	Pipestone	10844232	30	\$6,900	Yes
Godfrey 7-1 NPB	Polk	14844207	30	\$12,400	Yes

Pembina Trail Preserve SNA-Foxboro Unit	Polk	14845203	10	\$18,100	Yes
Agassiz Dunes SNA	Polk	14844230	1	\$4,000	Yes
Mentor Prairie WMA	Polk	14943216	1	\$15,000	Yes
Chicog WMA	Polk	14844215	400	\$54,000	Yes
Chicog WMA	Polk	14745216	440	\$73,500	Yes
Gully Fen SNA	Polk	15039223	1	\$4,000	Yes
Garfield 30-1 NPB	Polk	14744230	2	\$12,700	Yes
Garfield 30-1 NPB	Polk	14744230	40	\$12,500	Yes
Pembina Trail Preserve SNA-Foxboro Unit	Polk	14845203	1	\$4,000	Yes
Pembina Trail Preserve SNA-Crookston Unit	Polk	14944213	40	\$10,000	Yes
Agassiz Dunes SNA	Polk	14844230	20	\$10,300	Yes
Selix NPB	Pope	12439209	10	\$10,100	Yes
Minnewaska 1-1 NPB	Pope	12538201	1	\$4,000	Yes
Blue Mounds 10-1 NPB	Pope	12439210	1	\$4,000	Yes
Minnewaska 1-1 NPB	Pope	12538201	20	\$12,300	Yes
Minnewaska 1-1 NPB	Pope	12538201	5	\$22,100	Yes
Lake Pleasant 22-1 NPB	Red Lake	15044222	1	\$4,000	Yes
Swedes Forest 22-2 NPB	Redwood	11437227	10	\$21,400	Yes
Cedar Mountain SNA	Redwood	11234214	60	\$77,900	Yes
Swedes Forest 28-1 NPB	Redwood	11437228	2	\$3,500	Yes
Cedar Rock SNA	Redwood	11336203	22	\$60,800	Yes
Swedes Forest 22-1 NPB	Redwood	11437227	6	\$13,700	Yes
Morton Outcrops SNA	Renville	11334231	10	\$22,600	Yes
River Warren Outcrops SNA	Renville	11436233	29	\$91,400	Yes
Cannon River AMA	Rice	11120215	23	\$2,000	Yes
Miles WMA	Rice	11121209	100	\$88,000	Yes
Two Rivers Aspen Parklands SNA	Roseau	16044220	50	\$23,100	Yes
Uncas Dunes SNA	Sherburne	03427221	10	\$5,400	Yes
Lake Johanna 31-2 NPB	Stearns	12335231	10	\$10,100	Yes
Verlyn Marth Memorial Prairie SNA	Stevens	12642206	1	\$4,000	Yes
Verlyn Marth Memorial Prairie SNA	Stevens	12642206	10	\$10,100	Yes
Appleton 19-1 NPB	Swift	12043219	20	\$5,500	Yes
Lac qui Parle WMA: Main Unit	Swift	12043217	50	\$30,000	Yes
Appleton 36-1 NPB	Swift	12043236	15	\$4,900	Yes
Fairfield 31-1 NPB	Swift	12242231	1	\$1,200	Yes
Aurzada Prairie WMA	Todd	12735210	892	\$2,100	Yes
Windsor 13-1 NPB	Traverse	12648213	1	\$4,000	Yes
Walls 7-2 NPB	Traverse	12647207	1	\$4,000	Yes
Walls 7-1 NPB	Traverse	12647207	1	\$4,000	Yes
Fibranz NPB	Traverse	12647206	5	\$12,100	Yes
Whitewater WMA: Main Branch Unit	Wabasha	10909231	30	\$15,000	Yes
Kellogg Weaver Dunes SNA	Wabasha	10909206	125	\$142,100	Yes
Tanberg 33-1 NPB	Wilkin	13545233	20	\$12,300	Yes
Tanberg 20-1 NPB	Wilkin	13545220	1	\$4,000	Yes
Tanberg 33-1 NPB	Wilkin	13545233	2	\$8,000	Yes
Tanberg 29-1 NPB	Wilkin	13545229	1	\$4,000	Yes
Akron WMA	Wilkin	13445222	16	\$8,000	Yes
Atherton 5-1 NPB	Wilkin	13646205	1	\$4,000	Yes
Tanberg 33-1 NPB	Wilkin	13545233	1	\$16,000	Yes
Atherton 5-1 NPB	Wilkin	13646205	1	\$10,000	Yes
Whitewater WMA: Main Branch Unit	Winona	10810226	50	\$75,000	Yes
Whitewater WMA	Winona	10810227	930	\$930,000	Yes
Whitewater WMA: Main Branch Unit	Winona	10809226	600	\$20,000	Yes
Whitewater WMA Complex	Winona	10810212	230	\$99,200	Yes
Whitewater WMA Complex	Winona	10810236	50	\$54,200	Yes
Woodland WMA	Wright	11826201	2	\$1,000	Yes
Minnesota Falls 3-1 NPB	Yellow	11539203	10	\$4,500	Yes

	Medicine				
Mound Spring Prairie SNA	Yellow Medicine	11546217	30	\$7,400	Yes
Antelope Valley SNA	Yellow Medicine	11444214	35	\$7,000	Yes
Fortier 24-1 NPB	Yellow Medicine	11446224	40	\$6,200	Yes
Mound Spring Prairie SNA	Yellow Medicine	11546218	70	\$7,800	Yes
Mound Spring Prairie SNA	Yellow Medicine	11546217	75	\$62,000	Yes
Wergeland 5-1 NPB	Yellow Medicine	11444205	25	\$5,500	Yes
Minnesota Falls 3-1 NPB	Yellow Medicine	11539203	1	\$1,800	Yes
Swede Forest SNA	Yellow Medicine	11438213	15	\$45,700	Yes

### Parcel Map



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