



## Lessard-Sams Outdoor Heritage Council

DNR Grassland Enhancement - Phase 14  
Laws of Minnesota 2022 Accomplishment Plan

---

### General Information

**Date:** 03/13/2024

**Project Title:** DNR Grassland Enhancement - Phase 14

**Funds Recommended:** \$3,088,000

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

**Appropriation Language:** \$3,088,000 the second year is to the commissioner of natural resources to accelerate the 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 Supervisor

**Organization:** DNR

**Address:** 500 Lafayette Rd

**City:** St Paul, MN 55155

**Email:** greg.hoch@state.mn.us

**Office Number:** 651-259-5230

**Mobile Number:** 651-259-5230

**Fax Number:**

**Website:**

### Location Information

**County Location(s):** Dakota, Washington, Sherburne, Fillmore, Wabasha, Goodhue, Grant, Traverse, Becker, Otter Tail, Marshall, Stevens, Clay, Roseau, Wilkin, Norman, Mahnomen, Kittson, Pope, Douglas, Red Lake, Polk, Cottonwood, Martin, Jackson, Dodge, Steele, Freeborn, Faribault, Le Sueur, Nicollet, McLeod, Kandiyohi, Meeker, Chippewa, Redwood, Brown, Lincoln, Big Stone, Lac qui Parle, Winona, Stearns, Todd, Yellow Medicine, Swift, Houston, Scott, Carver, Morrison, Olmsted, Lyon and Pennington.

**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:**

- Prairie
- Wetlands

**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 oak savannas to increase wildlife populations. The Prairie Plan, Pheasant Plan, and Wildlife Action Plan will guide our efforts to 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, including DNR WMAs, SNAs, AMAs, Native Prairie Bank (NPB) easements, State Forests, as well as federal WPAs and NWRs.

**Design and Scope of Work**

In many farmland counties less than five percent of the area is in public wildlife lands, often much less. We continue to lose about 200 acres of native prairie per year. While Minnesota does have acres enrolled in CRP as well as state programs such as RIM and CREP, there is still very little grassland left in many counties of the state. As such, we need to make sure the remaining grasslands, especially those open to public recreation are as diverse and productive as possible. These lands provide wildlife habitat as well as

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. Grasslands and embedded wetlands are also very good at sequestering and storing carbon, helping to mitigate the effects of climate change. Grassland and wetland restoration and enhancement, carefully guided by planning, is one of the best ways to address many of these issues.

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.

The SNA program will be funding the same Seasonal and Technician positions they have requested in the past. This year we are adding Contract Administration staff, which we have done every 3-4 years in the past.

We are adding two Prairie Restoration Biologists, which are new positions. These positions will work with staff and vendors to help design seed mixes for restorations, work with contractors/vendors to order seed and seed supply issues, and help coordinate seed harvest programs and consortiums around the state. Last, they will assess past OHF funded prairie restorations and address specific management questions in an adaptive management framework to help inform staff and develop/modify BMPs for future restoration work. They will communicate these results and refinements to BMPs back to DNR staff and the conservation community multiple times each year at professional meetings and field days.

### **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 create 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 as well as the Pheasant and Duck Action Plans. 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 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. Partners recently published a research paper on their first years of data. 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

**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 ~ *Migratory game and non-game birds will be some of the primary beneficiaries of this work. We hope to continue to strengthen partnerships 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?**

No

**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
2020	Heritage Enhancement Acct	\$3,499,000
2020	Dedicated Accounts (Duck Stamp, Pheasant Stamp, etc)	\$2,900,000
2020	Game and Fish (Wildlife Operations)	\$24,607,000

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

We select projects with these funds that strategically enhance priority habitats. We will continue management of these sites with agency staff DNR and USFWS. 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 coordinating to maximize our efforts with funding sources such as the North American Wetland Conservation Act (NAWCA).

**Actions to Maintain Project Outcomes**

Year	Source of Funds	Step 1	Step 2	Step 3
2026 and beyond	Those listed above and OHF	Continue monitoring	adapt results to future projects	seek funding for continued monitoring
2025	Those listed above and OHF	Monitor subset of projects	Document results	Determine capacity for traditional funds to meet results

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

The Minnesota DNR has adopted advancing diversity, equity and inclusion (DEI) as a key priority in its 2020-22 strategic plan. The plan focuses on increasing the cultural competence of our staff, creating a workforce that is reflective of Minnesota, continuing to strengthen tribal consultation and building partnerships with diverse

communities.

DNR's OHF projects aim to serve all Minnesotans. At the same time, we are bringing more focus in all our work to BIPOC and diverse communities. OHF achieves high quality habitat that provides ecosystem services like clean water and carbon sequestration that support environmental justice. OHF also supports public access and recreational opportunities on these lands. Project scoring and implementation benefit BIPOC and diverse communities through recreational opportunities that are close-to-home, culturally responsive and accessible to Minnesotans with disabilities.

## 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, 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:**

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.

Timeline

Activity Name	Estimated Completion Date
SNA / NPB Enhancements	6/30/2027
WMA Enhancement / Restoration - contracts	6/30/2027

**Date of Final Report Submission:** 10/29/2027

**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	\$859,600	-	-	\$859,600
Contracts	\$1,555,900	-	-	\$1,555,900
Fee Acquisition w/ PILT	-	-	-	-
Fee Acquisition w/o PILT	-	-	-	-
Easement Acquisition	-	-	-	-
Easement Stewardship	-	-	-	-
Travel	\$59,800	-	-	\$59,800
Professional Services	-	-	-	-
Direct Support Services	\$98,500	-	-	\$98,500
DNR Land Acquisition Costs	-	-	-	-
Capital Equipment	-	-	-	-
Other Equipment/Tools	-	-	-	-
Supplies/Materials	\$514,200	-	-	\$514,200
DNR IDP	-	-	-	-
<b>Grand Total</b>	<b>\$3,088,000</b>	-	-	<b>\$3,088,000</b>

**Personnel**

Position	Annual FTE	Years Working	Funding Request	Leverage	Leverage Source	Total
EWR Contract Mgt	0.01	4.0	\$2,500	-	-	\$2,500
EWR Spec and Techs	1.0	4.0	\$171,100	-	-	\$171,100
EWR Laborers	0.04	4.0	\$5,000	-	-	\$5,000
FAW Prairie Restoration Speciallist	1.0	3.0	\$279,000	-	-	\$279,000
FAW Contract Manager	1.1	3.0	\$402,000	-	-	\$402,000

**Amount of Request:** \$3,088,000

**Amount of Leverage:** -

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

**DSS + Personnel:** \$958,100

**As a % of the total request:** 31.03%

**Easement Stewardship:** -

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

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

We reduced staff levels. Because the proposal included a large number of projects, we will prioritize and select the best projects to do with the reduced 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?**

This proposal is composed of numerous projects. If we receive less than we request, we can scale back the number of projects and acres accordingly.

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

Personnel would be scaled back, but possibly not as much as contract work as we still need a certain baseline staff component to oversee work no matter how many contracts or projects there are.

**Personnel**

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

No

**Contracts**

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

Contracts include hiring local small businesses to do habitat work. It also includes funds to the USFWS to bring in fire detailers from out of state to increase the Service's capacity for prescribed fire.

**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**

There may be some equipment rental, but very little. Generally we hire the contractors who have the equipment to conduct the project.

**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?**

We used the standard DNR Direct and Necessary calculator.

**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?**

We will match these funds with P-R dollars per standard DNR processes.

## Output Tables

### Acres by Resource Type (Table 1)

Type	Wetland	Prairie	Forest	Habitat	Total Acres
Restore	-	216	-	-	216
Protect in Fee with State PILT Liability	-	-	-	-	-
Protect in Fee w/o State PILT Liability	-	-	-	-	-
Protect in Easement	-	-	-	-	-
Enhance	-	3,050	-	-	3,050
<b>Total</b>	-	<b>3,266</b>	-	-	<b>3,266</b>

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

Type	Native Prairie (acres)
Restore	-
Protect in Fee with State PILT Liability	-
Protect in Fee w/o State PILT Liability	-
Protect in Easement	-
Enhance	595
<b>Total</b>	<b>595</b>

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

Type	Wetland	Prairie	Forest	Habitat	Total Funding
Restore	-	\$331,000	-	-	\$331,000
Protect in Fee with State PILT Liability	-	-	-	-	-
Protect in Fee w/o State PILT Liability	-	-	-	-	-
Protect in Easement	-	-	-	-	-
Enhance	-	\$2,757,000	-	-	\$2,757,000
<b>Total</b>	-	<b>\$3,088,000</b>	-	-	<b>\$3,088,000</b>

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

Type	Metro/Urban	Forest/Prairie	SE Forest	Prairie	N. Forest	Total Acres
Restore	5	12	45	154	-	216
Protect in Fee with State PILT Liability	-	-	-	-	-	-
Protect in Fee w/o State PILT Liability	-	-	-	-	-	-
Protect in Easement	-	-	-	-	-	-
Enhance	158	112	538	2,242	-	3,050
<b>Total</b>	<b>163</b>	<b>124</b>	<b>583</b>	<b>2,396</b>	-	<b>3,266</b>

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

Type	Metro/Urban	Forest/Prairie	SE Forest	Prairie	N. Forest	Total Funding
Restore	\$23,800	\$44,100	\$66,800	\$196,300	-	\$331,000
Protect in Fee with State PILT Liability	-	-	-	-	-	-
Protect in Fee w/o State PILT Liability	-	-	-	-	-	-
Protect in Easement	-	-	-	-	-	-
Enhance	\$107,300	\$100,500	\$493,000	\$2,056,200	-	\$2,757,000
<b>Total</b>	<b>\$131,100</b>	<b>\$144,600</b>	<b>\$559,800</b>	<b>\$2,252,500</b>	-	<b>\$3,088,000</b>

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

Type	Wetland	Prairie	Forest	Habitat
Restore	-	\$1,532	-	-
Protect in Fee with State PILT Liability	-	-	-	-
Protect in Fee w/o State PILT Liability	-	-	-	-
Protect in Easement	-	-	-	-
Enhance	-	\$903	-	-

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

Type	Metro/Urban	Forest/Prairie	SE Forest	Prairie	N. Forest
Restore	\$4,760	\$3,675	\$1,484	\$1,274	-
Protect in Fee with State PILT Liability	-	-	-	-	-
Protect in Fee w/o State PILT Liability	-	-	-	-	-
Protect in Easement	-	-	-	-	-
Enhance	\$679	\$897	\$916	\$917	-

**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:

Parcels are identified by Area Wildlife Managers and approved by Regional Managers. Priorities are set by the Plans identified earlier in this proposal.

### Restore / Enhance Parcels

Name	County	TRDS	Acres	Est Cost	Existing Protection
White Earth 20 NPB	Becker	14241220	15	\$7,000	Yes
Lac qui Parle WMA: Main Unit	Big Stone	11943224	150	\$180,000	Yes
Lac qui Parle WMA: Main Unit	Big Stone	12045202	62	\$60,000	Yes
Schelberg NPB	Big Stone	12146201	50	\$9,000	Yes
Prior 31 NPB	Big Stone	12347231	15	\$47,000	Yes
Prior 31 NPB	Big Stone	12347231	30	\$12,500	Yes
Wood Lake WMA	Brown	10833228	120	\$102,000	Yes
Joseph A. Tauer Prairie SNA	Brown	10931235	12	\$5,000	Yes
Seminary Fen SNA	Carver	11623235	10	\$15,000	Yes
Lac qui Parle WMA: Main Unit	Chippewa	11841208	16	\$60,000	Yes
Cuka WMA	Chippewa	11639205	100	\$750,000	Yes
Lac qui Parle WMA	Chippewa	11942235	38	\$29,000	Yes
Lac qui Parle WMA	Chippewa	11842213	175	\$125,000	Yes
Lac qui Parle WMA	Chippewa	11942234	5	\$16,000	Yes
Lac qui Parle WMA: Main Unit	Chippewa	11943224	100	\$100,000	Yes
Lac qui Parle WMA: Main Unit	Chippewa	11943203	190	\$100,000	Yes
Felton Prairie SNA-Shrike Unit	Clay	14245230	15	\$7,000	Yes
Strand N & S NPB	Clay	14244219	20	\$10,000	Yes
Ulen 29-1 NPB	Clay	14244229	13	\$7,000	Yes
Andrea WMA	Clay	13345206	500	\$50,000	Yes
Blue Mounds 10-1 NPB	Clay	12439210	10	\$7,000	Yes
Felton Prairie SNA-Dakota Skipper & County Prairie Units	Clay	14245231	15	\$7,000	Yes
Felton Prairie SNA-Dakota Skipper & County Prairie Units	Clay	14245231	5	\$12,000	Yes
Strand N & S NPB	Clay	14244219	15	\$7,000	Yes
Felton Prairie SNA-Assinaboia Unit	Clay	14245220	20	\$15,000	Yes
Felton Prairie SNA-Assinaboia Unit	Clay	14245220	10	\$7,000	Yes
Felton Prairie SNA-Assinaboia Unit	Clay	14245220	10	\$6,000	Yes
Felton Prairie SNA-Bicentennial Units	Clay	14145205	10	\$7,000	Yes
Felton Prairie SNA-Bicentennial Units	Clay	14145205	1	\$5,000	Yes
Blanket Flower SNA	Clay	13744214	15	\$7,000	Yes
Blanket Flower SNA	Clay	13744214	1	\$7,000	Yes
Storden 4b NPB	Cottonwood	10737204	10	\$6,000	Yes
Bennett WMA	Cottonwood	10129206	1,737	\$80,000	Yes
Swan Lake WMA	Cottonwood	10225201	200	\$200,000	Yes

Storden 4b NPB	Cottonwood	10737204	8	\$25,500	Yes
Hastings Sand Coulee SNA	Dakota	11417211	2	\$1,000	Yes
Hastings Sand Coulee SNA	Dakota	11417211	11	\$10,000	Yes
Chimney Rock SNA	Dakota	11417231	11	\$9,000	Yes
Hastings Sand Coulee SNA	Dakota	11417211	10	\$2,000	Yes
Hythecker Prairie SNA	Dodge	10718231	19	\$9,000	Yes
Iron Horse Prairie SNA	Dodge	10517227	10	\$23,000	Yes
Pheasants Forever WMA	Dodge	10717217	60	\$50,000	Yes
Aurora WMA	Dodge	10117216	1,000	\$63,000	Yes
Lund 2-1 NPB	Douglas	13040202	5	\$10,000	Yes
Lund 21-1 NPB	Douglas	13040221	15	\$7,000	Yes
Lund 21-1 NPB	Douglas	13040221	5	\$10,000	Yes
Lund 2-1 NPB	Douglas	13040202	15	\$7,000	Yes
Rice Lake WMA	Faribault	10427221	27	\$35,000	Yes
Chadderdon WMA	Faribault	10224211	790	\$20,000	Yes
Pin Oak Prairie SNA	Fillmore	10412214	10	\$9,000	Yes
Pin Oak Prairie SNA	Fillmore	10412214	10	\$5,000	Yes
Chisholm Valley WMA	Fillmore	10212221	247	\$124,000	Yes
Schueler WMA	Fillmore	10408203	70	\$62,600	Yes
Choice WMA	Fillmore	10208203	57	\$49,020	Yes
Peterson SF complex	Fillmore	10408228	150	\$125,000	Yes
Schueler WMA	Fillmore	10307230	109	\$276,500	Yes
Rushford SF complex	Fillmore	10408214	150	\$93,000	Yes
Manchester WMA	Freeborn	10322202	28	\$20,000	Yes
Wo Wacintanka WMA	Freeborn	10419216	11	\$22,000	Yes
Wo Wacintanka WMA	Freeborn	10419216	60	\$35,000	Yes
Cannon River Turtle Preserve SNA	Goodhue	11316225	20	\$13,000	Yes
Spring Creek Prairie SNA	Goodhue	11315234	22	\$15,000	Yes
Spring Creek Prairie SNA	Goodhue	11315234	5	\$5,000	Yes
Spring Creek Prairie SNA	Goodhue	11315234	5	\$1,000	Yes
River Terrace Prairie SNA	Goodhue	11217201	8	\$7,000	Yes
River Terrace Prairie SNA	Goodhue	11217201	12	\$10,000	Yes
Warsaw 7-1 NPB	Goodhue	11118207	20	\$13,000	Yes
Buck Family Memorial WMA	Goodhue	10514230	80	\$80,000	Yes
Cannon River Turtle Preserve SNA	Goodhue	11316225	5	\$1,000	Yes
Cannon River Turtle Preserve SNA	Goodhue	11316225	15	\$5,000	Yes
Cannon River Turtle Preserve SNA	Goodhue	11316225	12	\$54,000	Yes
Elk Lake 19-1 NPB	Grant	12841219	15	\$7,000	Yes
Elk Lake 19-1 NPB	Grant	12841219	1	\$7,000	Yes
Woodke A & B NPB	Grant	12741232	15	\$7,000	Yes
Elk Lake 18-1 NPB	Grant	12841218	15	\$7,000	Yes
Elk Lake 18-1 NPB	Grant	12841218	1	\$7,000	Yes
Pelican Lake-27-1 NPB	Grant	13041227	15	\$7,000	Yes
Lien 13-1 NPB	Grant	12842213	15	\$7,000	Yes
Pelican Lake-27-1 NPB	Grant	13041227	1	\$8,000	Yes
Land 17-1 NPB	Grant	12641205	5	\$10,000	Yes
Land 17-1 NPB	Grant	12641205	15	\$7,000	Yes
Olsen NPB	Grant	12841206	15	\$7,000	Yes
Caledonia 28-1 NPB	Houston	10206228	5	\$5,000	Yes
Wetbark SF complex	Houston	10307211	350	\$250,000	Yes
Vinegar Ridge SF complex	Houston	10407215	700	\$120,000	Yes
Reno SF complex	Houston	10104202	200	\$115,000	Yes
Yucatan WMA complex	Houston	10307230	100	\$5,000	Yes
Jefferson SF complex	Houston	10104219	500	\$365,000	Yes
Mound Prairie SNA	Houston	10405234	20	\$13,000	Yes
Hokah SF complex	Houston	10405234	100	\$80,000	Yes
Caledonia 33-1 NPB	Houston	10206233	3	\$3,000	Yes

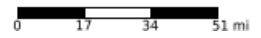
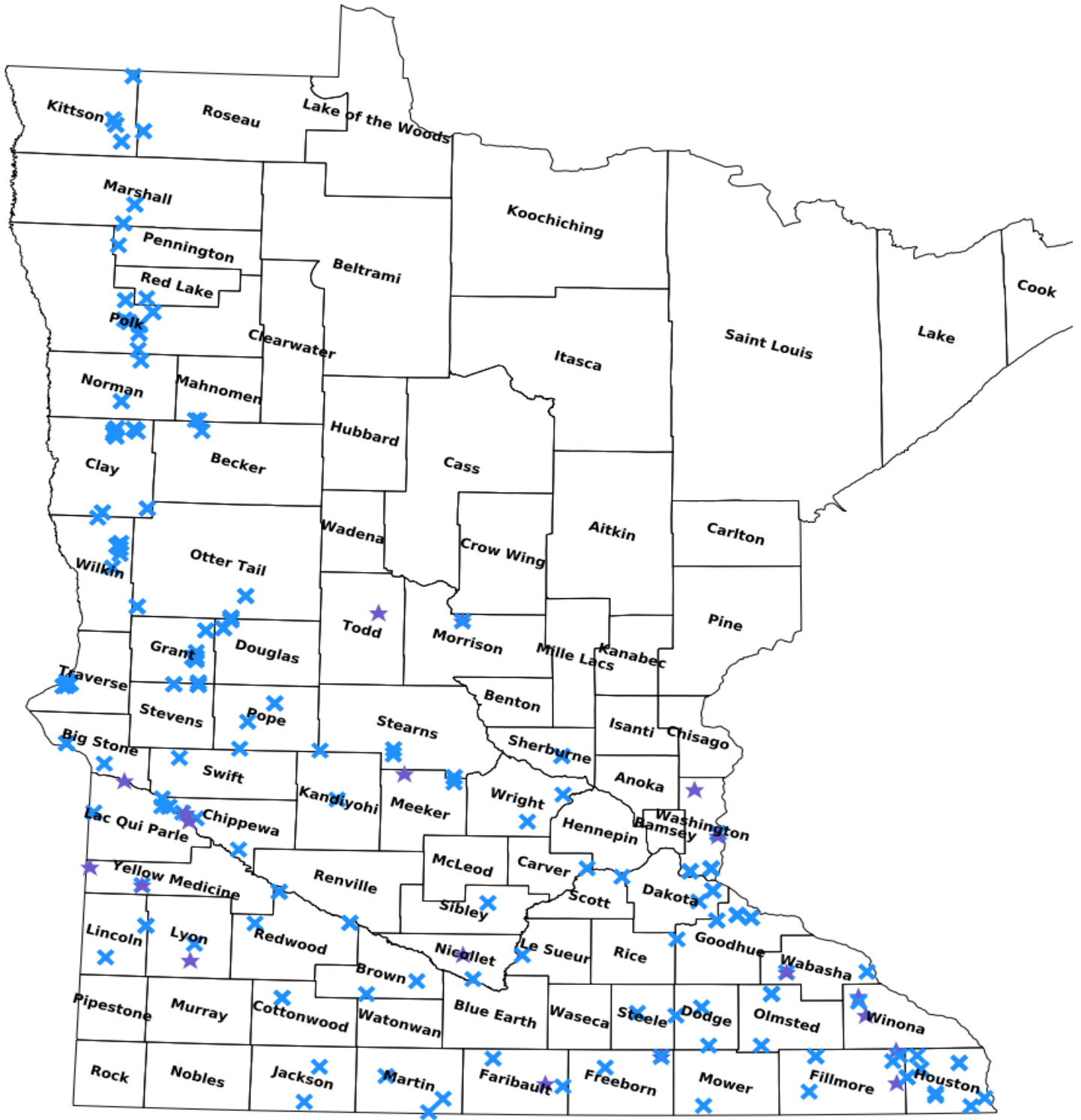
Case Lake WMA	Jackson	10136215	100	\$100,000	Yes
Holthe Prairie SNA	Jackson	10335208	10	\$7,000	Yes
Leudtke WMA	Jackson	10130233	37	\$50,000	Yes
Willmar WMA	Kandiyohi	12035236	29	\$10,000	Yes
Lake Bronson Parkland SNA	Kittson	16146225	15	\$7,000	Yes
Pelan 5-1 NPB	Kittson	15945205	10	\$10,000	Yes
Norway 1-1 NPB	Kittson	16046201	2	\$10,000	Yes
Lake Bronson Parkland SNA	Kittson	16146225	5	\$10,000	Yes
Norway 1-1 NPB	Kittson	16046201	15	\$7,000	Yes
Pelan 5-1 NPB	Kittson	15945205	15	\$7,000	Yes
Caribou 2	Kittson	16345202	15	\$10,000	Yes
Caribou 2	Kittson	16345202	10	\$7,000	Yes
Yellow Bank Hills SNA	Lac qui Parle	11846204	20	\$9,000	Yes
Lac qui Parle WMA: Main Unit	Lac qui Parle	11943222	600	\$40,000	Yes
Bob Gehlen WMA	Le Sueur	11026211	61	\$70,000	Yes
Bosque WMA	Lincoln	11244236	40	\$70,000	Yes
Bue-tiful Acres WMA	Lincoln	11045231	500	\$50,000	Yes
Bosque WMA	Lincoln	11041231	99	\$79,200	Yes
Bosque WMA	Lincoln	11244236	40	\$30,300	Yes
Bue-tiful Acres WMA	Lyon	11141232	160	\$10,000	Yes
Lake Grove 31-1 NPB	Mahnomen	14341231	10	\$7,000	Yes
Popple Grove 36-1 NPB	Mahnomen	14342236	15	\$7,000	Yes
Viking 4 NPB	Marshall	15445204	15	\$7,000	Yes
Viking 4 NPB	Marshall	15445204	15	\$12,000	Yes
Marsh Grove 36-1 NPB	Marshall	15645236	1	\$10,000	Yes
Marsh Grove 36-1 NPB	Marshall	15645236	15	\$7,000	Yes
Rooney Run WMA	Martin	10332228	230	\$10,000	Yes
Arlington WMA	McLeod	11327206	47	\$25,000	Yes
Corinna WMA	Meeker	11826201	400	\$45,000	Yes
Kingston WMA	Meeker	12129228	57	\$37,000	Yes
Teal Scurry WMA	Meeker	12131207	95	\$95,000	Yes
Ripley Esker SNA	Morrison	04231218	20	\$13,000	Yes
Ripley Esker SNA	Morrison	04231218	10	\$25,000	Yes
Swan Lake WMA: North Star Unit	Nicollet	10928228	61	\$54,900	Yes
Swan Lake WMA	Nicollet	11029212	87	\$88,915	Yes
Sandpiper Prairie SNA	Norman	14445233	5	\$12,000	Yes
Sandpiper Prairie SNA	Norman	14445233	15	\$7,000	Yes
Prairie Smoke Dunes SNA	Norman	14644217	15	\$7,000	Yes
Oronoco Prairie SNA	Olmsted	10814222	5	\$1,000	Yes
Oronoco Prairie SNA	Olmsted	10814222	23	\$20,000	Yes
Oronoco Prairie SNA	Olmsted	10814222	15	\$4,500	Yes
Nidaros 21-1 NPB	Otter Tail	13239221	15	\$7,000	Yes
Nidaros 21-1 NPB	Otter Tail	13239221	5	\$8,000	Yes
Wallace NPB	Otter Tail	13140235	15	\$7,000	Yes
Wallace NPB	Otter Tail	13140235	5	\$15,000	Yes
Otter Tail Prairie SNA	Otter Tail	13144217	2	\$5,000	Yes
Otter Tail Prairie SNA	Otter Tail	13144217	15	\$7,000	Yes
Pembina WMA	Pennington	15345217	20	\$50,000	Yes
Gentilly 27-1 NPB	Polk	15045227	1	\$7,000	Yes
Pembina Trail SNA-Foxboro Unit	Polk	14845203	10	\$8,000	Yes
Thorson Prairie WMA	Polk	14945234	100	\$25,000	Yes
Pembina Trail SNA-Crookston Prairie Unit	Polk	14944213	10	\$7,000	Yes
Pembina Trail SNA-Crookston Prairie Unit	Polk	14944213	5	\$5,000	Yes
Pembina Trail SNA-Foxboro Unit	Polk	14845203	15	\$7,000	Yes
Agassiz Dunes SNA	Polk	14844230	10	\$7,000	Yes
Godfrey 7-1 NPB	Polk	14844207	1	\$7,000	Yes
Garfield 30-1 NPB	Polk	14744230	15	\$7,000	Yes

Agassiz Dunes SNA	Polk	14844230	5	\$15,000	Yes
Godfrey 7-1 NPB	Polk	14844207	15	\$7,000	Yes
Gentilly 27-1 NPB	Polk	15045227	15	\$7,000	Yes
Lake Johanna 31-2 NPB	Pope	12335231	10	\$7,000	Yes
Fibranz NPB	Pope	12647206	15	\$7,000	Yes
Fibranz NPB	Pope	12647206	2	\$10,000	Yes
Minnewaska 1-1 NPB	Pope	12538201	10	\$10,000	Yes
Minnewaska 1-1 NPB	Pope	12538201	15	\$7,000	Yes
Langhei Prairie SNA	Pope	12339232	15	\$7,000	Yes
Lake Pleasant 22-1 NPB	Red Lake	15044222	15	\$7,000	Yes
Phyllis Voosen WMA	Redwood	11238219	120	\$75,000	Yes
Swedes Forest NPBs	Redwood	11437220	10	\$13,000	Yes
Swedes Forest NPBs	Redwood	11437220	1	\$5,500	Yes
Sherman 15 NPB	Redwood	11234215	10	\$31,500	Yes
Sherman 15 NPB	Redwood	11234215	10	\$9,000	Yes
Two Rivers Aspen Parkland SNA	Roseau	16044217	10	\$25,000	Yes
Two Rivers Aspen Parkland SNA	Roseau	16044217	10	\$7,000	Yes
Savage Fen SNA	Scott	11521216	10	\$15,000	Yes
Uncas Dunes SNA	Sherburne	03427228	15	\$11,000	Yes
Uncas Dunes SNA	Sherburne	03427228	56	\$40,000	Yes
Minnesota Veterans WMA	Sherburne	12024215	22	\$12,080	Yes
Christopher Kurilla WMA	Stearns	12232203	650	\$75,000	Yes
Dr. L. Daniel Frenzel Jr and Virginia Frenzel WMA	Stearns	12129216	20	\$10,950	Yes
Alice Hamm WMA	Stearns	12129216	160	\$20,000	Yes
Christopher Kurilla WMA	Stearns	12332227	300	\$103,428	Yes
Somerset WMA	Steele	10720229	80	\$80,000	Yes
Verlyn Marth Memorial Prairie SNA	Stevens	12642206	15	\$7,000	Yes
Verlyn Marth Memorial Prairie SNA	Stevens	12642206	1	\$7,000	Yes
Swan Lake 5-1	Stevens	12641205	15	\$7,000	Yes
Fairfield 21-1 NPB	Swift	12242221	30	\$62,000	Yes
Long Prairie River WMA	Todd	13133214	60	\$151,320	Yes
Walls 7-1 NPB	Traverse	12647207	15	\$7,000	Yes
Walls 7-2 NPB	Traverse	12647207	1	\$10,000	Yes
Walls 7-1 NPB	Traverse	12647207	2	\$10,000	Yes
Windsor 13-1 NPB	Traverse	12648213	20	\$7,000	Yes
Windsor 13-1 NPB	Traverse	12648213	5	\$10,000	Yes
Walls 7-2 NPB	Traverse	12647207	15	\$7,000	Yes
Walls 18-1 NPB	Traverse	12647218	15	\$7,000	Yes
Walls 8-1 NPB	Traverse	12647208	15	\$7,000	Yes
Whitewater WMA complex	Wabasha	10710202	250	\$150,000	Yes
Kellogg Weaver Dunes SNA	Wabasha	10909207	15	\$8,000	Yes
Zumbro Falls Woods SNA	Wabasha	10913208	15	\$37,500	Yes
Zumbro Falls Woods SNA	Wabasha	10913208	5	\$1,000	Yes
Lost Valley Prairie SNA	Washington	02720220	38	\$24,000	Yes
Lost Valley Prairie SNA	Washington	02720220	5	\$1,000	Yes
Hardwood Creek WMA	Washington	03221226	16	\$49,600	Yes
Bayport WMA	Washington	02920222	16	\$45,600	Yes
St. Croix Savanna SNA	Washington	02920215	21	\$14,000	Yes
St. Croix Savanna SNA	Washington	02920215	10	\$3,000	Yes
Lost Valley Prairie SNA	Washington	02720220	20	\$17,000	Yes
Lost Valley Prairie SNA	Washington	02720220	10	\$3,000	Yes
Lost Valley Prairie SNA	Washington	02720220	23	\$17,000	Yes
Grey Cloud Dunes SNA	Washington	02721229	20	\$17,000	Yes
St. Croix Savanna SNA	Washington	02920215	5	\$1,000	Yes
Grey Cloud Dunes SNA	Washington	02721229	5	\$4,000	Yes
Grey Cloud Dunes SNA	Washington	02721229	15	\$5,000	Yes

Grey Cloud Dunes SNA	Washington	02721229	23	\$15,000	Yes
Tanberg 29-2 NPB	Wilkin	13545229	15	\$7,000	Yes
Tanberg 33-1 NPB	Wilkin	13545233	15	\$7,000	Yes
Tanberg 29-1 NPB	Wilkin	13545229	15	\$7,000	Yes
Tanberg 21-1 NPB	Wilkin	13545221	2	\$10,000	Yes
Tanberg 21-1 NPB	Wilkin	13545221	15	\$7,000	Yes
Tanberg 20-1 NPB	Wilkin	13746227	15	\$7,000	Yes
Tanberg 20-1 NPB	Wilkin	13746227	2	\$8,000	Yes
Atherton 5-1 NPB	Wilkin	13646205	10	\$7,000	Yes
Akron 9 NPB	Wilkin	13445209	10	\$7,000	Yes
Whitewater WMA: Main Branch Unit	Winona	10810226	22	\$26,700	Yes
Whitewater WMA: South Branch Unit	Winona	10709231	98	\$91,500	Yes
Antelope Valley SNA	Yellow Medicine	11444214	17	\$15,000	Yes
Mound Spring Prairie SNA	Yellow Medicine	11546217	10	\$14,000	Yes
Antelope Valley SNA	Yellow Medicine	11444214	28	\$6,000	Yes



# Parcel Map



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