



Lessard-Sams Outdoor Heritage Council

Southeast Minnesota Protection and Restoration Phase 7

Laws of Minnesota 2019 Accomplishment Plan

General Information

Date: 06/05/2024

Project Title: Southeast Minnesota Protection and Restoration Phase 7

Funds Recommended: \$5,741,000

Legislative Citation: ML 2019, 1st Sp. Session, Ch. 2, Art. 1, Sec. 2, subd. 3(b)

Appropriation Language: \$5,741,000 the first year is to the commissioner of natural resources for agreements as follows: (1) \$2,701,000 to The Nature Conservancy to acquire lands in fee to be held by The Nature Conservancy or acquire lands in fee for wildlife management under Minnesota Statutes, section 86A.05, subdivision 8; for scientific and natural areas under Minnesota Statutes, section 86A.05, subdivision 5; for state forests under Minnesota Statutes, section 86A.05, subdivision 7; and for aquatic management areas under Minnesota Statutes, section 86A.05, subdivision 14; (2) \$1,370,000 to The Trust for Public Land to acquire lands in fee for wildlife management under Minnesota Statutes, section 86A.05, subdivision 8; for scientific and natural areas under Minnesota Statutes, section 86A.05, subdivision 5; for state forests under Minnesota Statutes, section 86A.05, subdivision 7; and for aquatic management areas under Minnesota Statutes, section 86A.05, subdivision 14; and (3) \$1,670,000 to Minnesota Land Trust to acquire permanent conservation easements and to restore and enhance wildlife habitat, of which \$192,000 is to establish a monitoring and enforcement fund as approved in the accomplishment plan and subject to Minnesota Statutes, section 97A.056, subdivision 17. Annual income statements and balance sheets for income and expenses from land acquired in fee and held by The Nature Conservancy with the appropriation in clause (1) must be submitted to the Lessard-Sams Outdoor Heritage Council no later than 180 days after The Nature Conservancys fiscal year closes. A list of proposed land acquisitions must be provided as part of the required accomplishment plan.

Manager Information

Manager's Name: David Ruff

Title: Conservation Project Manager

Organization: The Nature Conservancy

Address: 60042 CR 84

City: Kellogg, MN 55945

Email: david.ruff@tnc.org

Office Number:

Mobile Number: 507-261-4954

Fax Number:

Website: nature.org/

Location Information

County Location(s): Fillmore, Wabasha, Winona, Houston, Olmsted, Goodhue and Dodge.

Eco regions in which work will take place:

- Southeast Forest

Activity types:

- Protect in Easement
- Protect in Fee
- Restore
- Enhance

Priority resources addressed by activity:

- Prairie
- Forest
- Habitat

Narrative

Abstract

This program will protect approximately 1,900 acres using conservation easements and fee land acquisition and restore and enhance approximately 165 acres of declining habitat for important wildlife species in strategically targeted areas of biodiversity significance in the Blufflands of Southeast Minnesota resulting in increased public access and improved wildlife habitat.

Design and Scope of Work

The Nature Conservancy (TNC), Minnesota Land Trust (MLT) and The Trust for Public Land (TPL) in partnership will use Outdoor Heritage Funds to invest in habitat protection and restoration within the Blufflands of Southeast Minnesota to expand and connect larger contiguous blocks of protected lands allowing land managers to restore, enhance and maintain high quality habitats at a scale difficult to accomplish with a fragmented ownership. Benefits of this program include the increased effectiveness of frequent prescribed fire necessary to reclaim "goat prairies", oak savanna and regenerate oak hardwood forests at a larger scale. Protecting and managing these lands is not only important for ecological reasons, but also benefits public use and enjoyment of these lands and the resources they provide. This program will enhance prior conservation investments and ensure that the legacy of the Blufflands is preserved in a high quality condition for future generations.

There are 86 different native plant community types mapped by the Minnesota Biological Survey (MBS), covering nearly 149,670 acres within the project area. There are 183 species of state listed rare plants and animals, many of which are concentrated on 749 sites of biodiversity significance. This program has a proven track record of protecting, restoring and enhancing lands that meet both state and local priorities for biodiversity, land access and watershed health.

In addition, despite the area's high demand for outdoor recreation and having more species of greatest conservation need than anywhere else in the state, only 5% of the region is open to the public.

Conservation Easements:

MLT will acquire approximately 1,015 acres of conservation easements and develop restoration and habitat management plans for eased acres. MLT will identify potential projects within targeted priority areas through an RFP process coupled with local outreach via SWCDs. This competitive landowner bid process will rank projects based on ecological value and cost, prioritizing the best projects and securing them at the lowest cost to the state.

Fee Acquisition:

TNC and TPL will coordinate with MN DNR on all potential fee-title acquisitions. TNC and TPL will assist the participating DNR Divisions by conducting all or some of the following activities: initial site reviews, negotiations with the willing seller, appraisals, environmental reviews and acquisition of fee title. TNC and TPL will transfer lands to the DNR except when TNC ownership is appropriate. Fee acquisition of approximately 396 acres of forest and 489 acres of prairie along 1 mile of coldwater trout stream is planned.

Restoration and Enhancement:

TNC will restore/enhance approximately 135 acres of bluff prairie, floodplain, riparian habitat and forest.

MLT will restore and enhance 30 acres of habitat on existing and new easements.

Ecological restoration enhancement management plans will be developed in coordination with the appropriate DNR staff, landowners and/or hired subcontractors.

In this phase, MLT will negotiate and close all conservation easements and serve as project manager for all associated R/E projects.

Results to date:

Conservation Easements: 2,038 acres

Fee Land Acquisition: 2,965 acres

13 miles of stream

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?

Most of the projects selected for this program are located in complexes of biodiversity significance, as identified by MBS. They are also in close proximity to current state land, allowing contiguous blocks of habitat to be expanded thereby increasing continuity in a fragmented habitat. Sedimentation and erosion are major threats to fish in the region. Protecting upland natural communities, especially on the steep bluffs that flank most trout streams, will help prevent additional erosion. Aquatic habitat will also benefit from

protection of trout stream banks and floodplains. The water quality benefit that comes with the protection of forested upland areas will be significant and contribute to improved trout habitat and non-game fish and mussel habitat. Proposed projects have 66 element occurrences, including 42 different species/communities/assemblages identified by the natural heritage inventory. Completed projects include a total of 76 element occurrences representing 46 different species/communities/assemblages. Specific habitats include bluff prairie, oak savanna, barrens prairie, oak-hickory woodland, jack pine-oak woodland, white pine - oak/maple forest and maple basswood hardwood forest. These habitats support species including: tri-colored and northern long-eared bats, timber rattlesnake, Blanding's turtle, western foxsnake, North American racer, American ginseng, great indian plantain, plains wild indigo and red-shouldered hawk.

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:

Southeast MN is blessed with a wealth of conservation planning and biological indices and analyses. Our partnership uses existing plans, like the watershed-based Landscape Stewardship Plans and DNR's Wildlife Action Network to identify priority areas to focus our efforts and resources. Individual projects are assessed based on their significance to biodiversity (according to data from the MN Biological Survey), along with several other important criteria such as:

- location within a priority area
- health and extent of existing natural communities
- areas of significant biodiversity and native plant communities
- proximity to existing conservation lands
- parcel size
- importance for stream quality
- risk of conversion

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

- H1 Protect priority land habitats
- H3 Improve connectivity and access to recreation

Which two other plans are addressed in this program?

- Minnesota's Wildlife Action Plan 2015-2025
- Outdoor Heritage Fund: A 25 Year Framework

Which LSOHC section priorities are addressed in this program?

Southeast Forest

- Protect forest habitat through acquisition in fee or easement to prevent parcelization and fragmentation and to provide the ability to access and manage landlocked public properties

Outcomes

Programs in southeast forest region:

- Large corridors and complexes of biologically diverse wildlife habitat typical of the unglaciated region are restored and protected ~ *We will track the acres of priority parcels protected within the Conservation Opportunity Areas (COA) identified as priorities in regional planning. Success within each COA will be determined based on the percentage of area protected, restored and/or enhanced.*

Does this program include leveraged funding?

Yes

Explain the leverage:

US Fish and Wildlife Service (USFWS) State Wildlife Grant funds are used to enhance oak savanna and bluff prairie on private lands within priority complexes where this project operates in an effort to manage at a landscape scale. TNC uses US Forest Service funds to conduct landowner outreach and provide technical assistance for private lands habitat planning and project development to improve forest condition and habitat enhancement within priority complexes.

MLT: Minnesota Land Trust encourages landowners to fully or partially donate the value of conservation easements as part of its landowner bid protocol. An estimated leverage of \$244,000 of donated value from landowners from easement acquisition is a conservative estimate.

TNC and TPL are leveraging private funds to cover a portion of travel and direct support services cost totaling \$131,900.

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

This proposal does not substitute or supplant previous funding that was not from a legacy fund.

Non-OHF Appropriations

Year	Source	Amount
2013	The Nature Conservancy	\$67,661
2014	The Nature Conservancy	\$2,173,459
2015	The Nature Conservancy	\$14,200
2016	The Trust for Public Land	\$250,000
2016	The Nature Conservancy	\$2,900

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

Acquisition projects will be adjacent or within close proximity to existing protected lands, including state-owned lands and lands under conservation easement, allowing for the expansion of maintenance and restoration activities that are currently taking place on those protected lands and adjacent private lands. Habitats cleared of invasive species will be maintained with prescribed fire and other practices. Protection and restoration projects will improve future prescribed fire and maintenance activities through economies of

scale. The tracts protected and enhanced as part of this proposal also meet the prioritization for Minnesota's Wildlife Action Plan. MN DNR has been successful in securing federal habitat enhancement funding. Tracts acquired will be transferred to the state for ongoing management unless when TNC ownership is appropriate. MLT - The land protected through conservation easements will be sustained through the state-of-the art easement stewardship standards and practices. MLT is a nationally-accredited and insured land trust with a successful easement stewardship program that includes annual property monitoring and defending the easements as necessary. In addition, MLT encourages landowners to undertake active ecological management of their properties, provides them with habitat management plans and works with them to secure resources (expertise and funding) to undertake these activities over time.

Actions to Maintain Project Outcomes

Year	Source of Funds	Step 1	Step 2	Step 3
Every 4-6 years	US Fish and Wildlife Service	prescribed fire	-	-
Every 4-6 years	Game and Fish Fund	prescribed fire	-	-
2022 and perpetually	MLT Easement Stewardship and Enforcement Fund	Annual monitoring in perpetuity	Enforcement as necessary	-

Activity Details

Requirements

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

Yes

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

No

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

We will follow the county/township board notification processes as directed by current statutory language.

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

No

Describe the permanent protection and justification for additional protection:

A fee land acquisition project has a trout stream angling access easement on it that was considered in the appraisal. We will follow guidance established by the Outdoor Heritage Fund to proceed.

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

Yes

Who will manage the easement?

Landowners

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 expects to close on 1- 4 easement acquisitions through this grant. The number of easement acquisitions proposed can vary significantly due to the size and cost of targeted parcels, and the amount of easement value donated by landowners. The maximum number of easements is capped at 4 based on the amount of stewardship funding requested.

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
- SNA
- AMA
- Permanently Protected Conservation Easements
- County/Municipal
- Public Waters
- State Forests
- Other : OHF Acquired TNC Preserve

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:

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, however neonicotinoids will not be used.

MLT - 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. As such, we restrict any agricultural lands and use on the properties. In cases in which there are agricultural lands associated with the larger property, we will either carve the agricultural area out of the conservation easement, or in some limited cases, we may include a small percentage of agricultural lands if it is not feasible to carve those areas out. In such cases, however, we will not use OHF funds to pay the landowners for that portion of the conservation easement.

Are any of the crop types planted GMO treated?

True

Is this land currently open for hunting and fishing?

No

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

Yes

Describe any variation from the State of Minnesota regulations:

None

Who will eventually own the fee title land?

- State of MN
- NGO

Land acquired in fee will be designated as a:

- WMA
- SNA
- AMA
- State Forest

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

3-5

Will the eased land be open for public use?

No

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

No

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

A modest amount of R/E funding has been allotted to easements acquired through this grant. These funds will enable the Land Trust to

significantly improve the condition and extent of habitat on protected lands, making good projects great.

TPL: Yes, some initial restoration will be conducted through release of IDP funds or through contracts.

TNC: Much of the restoration and enhancement will be done within this appropriation, however, due to a reduced allocation some restoration and enhancement on parcels acquired by TNC will need to be funded by other sources including Game and Fish Fund.

Timeline

Activity Name	Estimated Completion Date
Purchase agreements or options on acquisition of fee land	June 30, 2022
Purchase agreements or options on conservation easements	June 30, 2022
Acquisition of fee land	June 30, 2023
Stream corridor and floodplain restoration	June 30, 2024
Bluff prairie and oak savanna enhancement	June 30, 2025
Easement acquisition	June 30, 2023

Date of Final Report Submission: 11/30/2024

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.

Grand Totals Across All Partnerships

Item	Funding Request	Leverage	Leverage Source	Total
Personnel	\$439,200	-	-	\$439,200
Contracts	\$716,400	-	-	\$716,400
Fee Acquisition w/ PILT	\$2,392,500	-	-	\$2,392,500
Fee Acquisition w/o PILT	\$379,700	-	-	\$379,700
Easement Acquisition	\$1,062,000	\$244,000	Landowners	\$1,306,000
Easement Stewardship	\$120,000	-	-	\$120,000
Travel	\$12,500	\$1,000	-, Private	\$13,500
Professional Services	\$276,000	-	-	\$276,000
Direct Support Services	\$172,300	\$130,900	-, Private, Private	\$303,200
DNR Land Acquisition Costs	\$50,000	-	-	\$50,000
Capital Equipment	-	-	-	-
Other Equipment/Tools	-	-	-	-
Supplies/Materials	\$40,400	-	-	\$40,400
DNR IDP	\$80,000	-	-	\$80,000
Grand Total	\$5,741,000	\$375,900	-	\$6,116,900

Partner: Minnesota Land Trust**Totals**

Item	Funding Request	Leverage	Leverage Source	Total
Personnel	\$150,700	-	-	\$150,700
Contracts	\$137,300	-	-	\$137,300
Fee Acquisition w/ PILT	-	-	-	-
Fee Acquisition w/o PILT	-	-	-	-
Easement Acquisition	\$1,062,000	\$244,000	Landowners	\$1,306,000
Easement Stewardship	\$120,000	-	-	\$120,000
Travel	\$7,500	-	-	\$7,500
Professional Services	\$151,000	-	-	\$151,000
Direct Support Services	\$41,500	-	-	\$41,500
DNR Land Acquisition Costs	-	-	-	-
Capital Equipment	-	-	-	-
Other Equipment/Tools	-	-	-	-
Supplies/Materials	-	-	-	-
DNR IDP	-	-	-	-
Grand Total	\$1,670,000	\$244,000	-	\$1,914,000

Personnel

Position	Annual FTE	Years Working	Funding Request	Leverage	Leverage Source	Total
Minnesota Land Trust Staff	0.57	3.0	\$150,700	-	-	\$150,700

Partner: The Nature Conservancy**Totals**

Item	Funding Request	Leverage	Leverage Source	Total
Personnel	\$203,500	-	-	\$203,500
Contracts	\$479,600	-	-	\$479,600
Fee Acquisition w/ PILT	\$1,382,300	-	-	\$1,382,300
Fee Acquisition w/o PILT	\$379,700	-	-	\$379,700
Easement Acquisition	-	-	-	-
Easement Stewardship	-	-	-	-
Travel	\$5,000	-	-	\$5,000
Professional Services	\$50,000	-	-	\$50,000
Direct Support Services	\$95,500	\$95,600	Private	\$191,100
DNR Land Acquisition Costs	\$25,000	-	-	\$25,000
Capital Equipment	-	-	-	-
Other Equipment/Tools	-	-	-	-
Supplies/Materials	\$40,400	-	-	\$40,400
DNR IDP	\$40,000	-	-	\$40,000
Grand Total	\$2,701,000	\$95,600	-	\$2,796,600

Personnel

Position	Annual FTE	Years Working	Funding Request	Leverage	Leverage Source	Total
TNC Staff Project Manager, Protection, Grants	0.75	3.0	\$203,500	-	-	\$203,500

Partner: The Trust for Public Land**Totals**

Item	Funding Request	Leverage	Leverage Source	Total
Personnel	\$85,000	-	-	\$85,000
Contracts	\$99,500	-	-	\$99,500
Fee Acquisition w/ PILT	\$1,010,200	-	-	\$1,010,200
Fee Acquisition w/o PILT	-	-	-	-
Easement Acquisition	-	-	-	-
Easement Stewardship	-	-	-	-
Travel	-	\$1,000	Private	\$1,000
Professional Services	\$75,000	-	-	\$75,000
Direct Support Services	\$35,300	\$35,300	Private	\$70,600
DNR Land Acquisition Costs	\$25,000	-	-	\$25,000
Capital Equipment	-	-	-	-
Other Equipment/Tools	-	-	-	-
Supplies/Materials	-	-	-	-
DNR IDP	\$40,000	-	-	\$40,000
Grand Total	\$1,370,000	\$36,300	-	\$1,406,300

Personnel

Position	Annual FTE	Years Working	Funding Request	Leverage	Leverage Source	Total
TPL Protection and Legal Staff	0.18	3.0	\$85,000	-	-	\$85,000

Amount of Request: \$5,741,000

Amount of Leverage: \$375,900

Leverage as a percent of the Request: 6.55%

DSS + Personnel: \$611,500

As a % of the total request: 10.65%

Easement Stewardship: \$120,000

As a % of the Easement Acquisition: 11.3%

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

Outputs, to a large degree, were reduced proportionately to the funding that was allocated.

Describe and explain leverage source and confirmation of funds:

TNC and TPL will leverage private funds for half of direct support services costs.

TPL will be leverage privately sourced funds for travel costs.

The Land Trust encourages landowners to donate value as a participant in the program. This leverage (\$244,000) is a conservative estimate of expected landowner contributions

Contracts

What is included in the contracts line?

The Nature Conservancy will contract with private vendors such as Conservation Corps Minnesota to complete restoration and enhancement.

Minnesota Land Trust – For contracts related to the writing of habitat management plans, landowner outreach via SWCDs, and for restoration/enhancement of easement properties.

TPL - Potential site clean-up and initial restoration.

Easement Stewardship

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

The Land Trust easement stewardship cost is based on a number of factors, including: 1) easement administration & management, 2) monitoring, 3) updating of monitoring workbooks and baseline documentation reports, 4) encouraging voluntary compliance, 5) addressing potential violations, and 6) legal enforcement. The current cost is set at \$24,000/easement.

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

Vehicle rental is also included.

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?

These approved rates do not include costs that were otherwise included in other budget line items.

TNC: DSS is based on The Nature Conservancy's Federally Negotiated rate as proposed and subsequently approved by the US Dept. of Interior on an annual basis. The proportion requested from the grant represents 50% with the other 50% contributed as leverage.

MLT: 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 the direct support services.

TPL: The Trust for Public Land's DSS request is based upon our federally approved rate, which has been approved by the DNR.

50% of these costs are requested from the grant and 50% is contributed as leverage.

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	0	0	10	10
Protect in Fee with State PILT Liability	0	339	396	0	735
Protect in Fee w/o State PILT Liability	0	146	0	0	146
Protect in Easement	0	0	0	1,015	1,015
Enhance	0	35	100	20	155
Total	0	520	496	1,045	2,061

Total Requested Funding by Resource Type (Table 2)

Type	Wetland	Prairie	Forest	Habitat	Total Funding
Restore	-	\$50,000	\$10,000	\$50,000	\$110,000
Protect in Fee with State PILT Liability	-	\$1,392,300	\$1,659,000	-	\$3,051,300
Protect in Fee w/o State PILT Liability	-	\$379,700	-	-	\$379,700
Protect in Easement	-	-	-	\$1,550,000	\$1,550,000
Enhance	-	\$350,000	\$230,000	\$70,000	\$650,000
Total	-	\$2,172,000	\$1,899,000	\$1,670,000	\$5,741,000

Acres within each Ecological Section (Table 3)

Type	Metro/Urban	Forest/Prairie	SE Forest	Prairie	N. Forest	Total Acres
Restore	0	0	10	0	0	10
Protect in Fee with State PILT Liability	0	0	735	0	0	735
Protect in Fee w/o State PILT Liability	0	0	146	0	0	146
Protect in Easement	0	0	1,015	0	0	1,015
Enhance	0	0	155	0	0	155
Total	0	0	2,061	0	0	2,061

Total Requested Funding within each Ecological Section (Table 4)

Type	Metro/Urban	Forest/Prairie	SE Forest	Prairie	N. Forest	Total Funding
Restore	-	-	\$110,000	-	-	\$110,000
Protect in Fee with State PILT Liability	-	-	\$3,051,300	-	-	\$3,051,300
Protect in Fee w/o State PILT Liability	-	-	\$379,700	-	-	\$379,700
Protect in Easement	-	-	\$1,550,000	-	-	\$1,550,000
Enhance	-	-	\$650,000	-	-	\$650,000
Total	-	-	\$5,741,000	-	-	\$5,741,000

Average Cost per Acre by Resource Type (Table 5)

Type	Wetland	Prairie	Forest	Habitat
Restore	-	-	-	\$5,000
Protect in Fee with State PILT Liability	-	\$4,107	\$4,189	-
Protect in Fee w/o State PILT Liability	-	\$2,600	-	-
Protect in Easement	-	-	-	\$1,527
Enhance	-	\$10,000	\$2,300	\$3,500

Average Cost per Acre by Ecological Section (Table 6)

Type	Metro/Urban	Forest/Prairie	SE Forest	Prairie	N. Forest
Restore	-	-	\$11,000	-	-
Protect in Fee with State PILT Liability	-	-	\$4,151	-	-
Protect in Fee w/o State PILT Liability	-	-	\$2,600	-	-
Protect in Easement	-	-	\$1,527	-	-
Enhance	-	-	\$4,193	-	-

Target Lake/Stream/River Feet or Miles

1

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
Choice WMA ST Projects	Fillmore	10208211	154	\$10,000	Yes	Prescribed fire on multiple burn units withing Choice WMA
Seven Springs WMA St Burn	Fillmore	10212216	44	\$1,000	Yes	Prescribed fire
Gribben Creek State Forest Unit	Fillmore	10309228	30	\$36,000	Yes	Forest enhancement, invasive control and ravine erosion control
Choice WMA Wildlife Openings	Fillmore	10208202	10	\$10,000	Yes	Treatment of invasive species within wildlife clearings on Choice WMA
Rush Creek	Fillmore	10408202	0	\$35,000	Yes	Purchased a diverse seed mix for prairie restoration on the Rush Creek parcel
7 Springs Savanna	Fillmore	10212216	18	\$28,353	Yes	Removal of invasive brush to restore oak savanna conditions
Choice WMA	Fillmore	10208211	32	\$80,000	Yes	Removal of cedar and invasive shrubs from bluff prairie and oak savanna habitat on Choice WMA.
Isinours SF ST Burn	Fillmore	10310220	2	\$200	Yes	Prescribed fire
Gribben Creek Direct Seeding	Fillmore	10309216	1	\$1,500	Yes	Direct seeding of hardwood seeds into retired crop fields
Lanesboro Tract	Fillmore	10309206	23	\$3,375	Yes	Direct seeding of hardwood trees and subsequent weed control
Schueler WMA	Fillmore	10408203	41	\$40,000	Yes	Removal of buildings and debris and site remediation
Goethite WMA ST Burn	Fillmore	10213223	8	\$500	Yes	Prescribed fire
Brightsdale State Forest Unit	Fillmore	10309206	25	\$25,000	Yes	Timber stand improvement and invasive control
Chosen Valley WMA ST Burn	Fillmore	10412206	33	\$1,000	Yes	Prescribed fire
Rush Creek WMA ST Projects	Houston	10407207	12	\$1,000	Yes	Prescribed fire
Wetbark Bluffs	Houston	10407213	67	\$35,000	Yes	Prescribed goat grazing for control of invasive brush on restored bluff prairies
Vingear Ridge Bluffs	Houston	10407227	73	\$35,000	Yes	Prescribed goat grazing for control of invasive brush on restored bluff prairies
Yucatan WMA	Houston	10307230	10	\$65,000	Yes	Woody vegetation removal along the brook trout stream to reverse tree encroachment, and prairie planting on Yucatan WMA.

McCarthy Lake WMA ST Projects	Wabasha	10910202	88	\$5,000	Yes	Prescribed fire on multiple burn units within McCarthy Lake WMA
Lamey Tract ST burn	Wabasha	10909206	62	\$1,000	Yes	Prescribed fire
McCarthy Lake	Wabasha	10909206	0	\$45,000	Yes	Removal of cedar and other undesirable brush and trees from sand prairie habitat on the protected McCarthy Lake tract
Whitewater WMA ST Burns Wabasha Co	Wabasha	10910236	297	\$5,000	Yes	Prescribed fire on multiple burn units within Whitewater WMA. This parcel covers projects on Whitewater WMA within Wabasha County.
Wiscoy Valley	Winona	10507217	25	\$50,500	Yes	Enhancement of oak savanna/woodlands invaded by non-native shrubs
Marnach Fields Edge	Winona	10810234	57	\$30,000	Yes	Control of invasive species and undesirable trees to reduce seed spread to adjacent restoration sites.
Whitewater Siebenaler	Winona	10810211	27	\$54,000	Yes	Removal of encroaching brush on bluff prairie on Whitewater WMA
Whitewater WMA	Winona	10810202	60	\$180,000	Yes	Bluff prairie and oak savanna enhancement within large Rx fire unit
Whitewater Seeding	Winona	10809205	3	\$6,000	Yes	Direct seeding of hardwood trees and subsequent weed control
Whitewater WMA ST Burns Winona Co	Winona	10810226	2,371	\$20,000	Yes	Prescribed fire on multiple burn units within Whitewater WMA. This parcel covers projects on Whitewater WMA within Winona County.
Beaver Creek seeding	Winona	10810216	3	\$6,000	Yes	Direct seeding of retired crop fields along Beaver Creek in Whitewater WMA
Marnach Fields	Winona	10810233	30	\$37,750	Yes	Direct seeding of retired crop fields along Marnach Creek in Whitewater WMA
Beaver Creek Prairie	Winona	10810220	19	\$19,000	Yes	Prairie restoration planting on retired crop fields along Beaver Creek in Whitewater WMA

Fee Parcels

Name	County	TRDS	Acres	Est Cost	Existing Protection
Middle Fork Zumbro River SNA	Dodge	10817224	175	\$787,500	No
Choice	Fillmore	10308211	102	\$102,000	No
Choice WMA North 5	Fillmore	10308234	80	\$400,000	No
Choice WMA North 3	Fillmore	10208203	83	\$277,986	No
Little Cannon AMA	Goodhue	11018201	77	\$340,000	No
Money Creek South	Houston	10406206	100	\$100,000	No
South Br Middle Fork Zumbro	Olmsted	10715204	131	\$2,000,000	No
Watopa Forest	Wabasha	10910210	320	\$1,320,000	No
Zumbro Addition to Dorer Forest	Wabasha	11010220	155	\$750,000	No
McCarthy Lake	Wabasha	10909206	146	\$566,487	No
Weaver Dunes	Wabasha	10909206	146	\$250,000	No

Fee Parcels with Buildings

Name	County	TRDS	Acres	Est Cost	Existing Protection	Buildings	Value of Buildings
Rush Creek	Fillmore	10408202	143	\$508,200	Yes	1	\$0
Money Creek	Winona	10506230	850	\$2,500,000	No	1	\$0

Easement Parcels

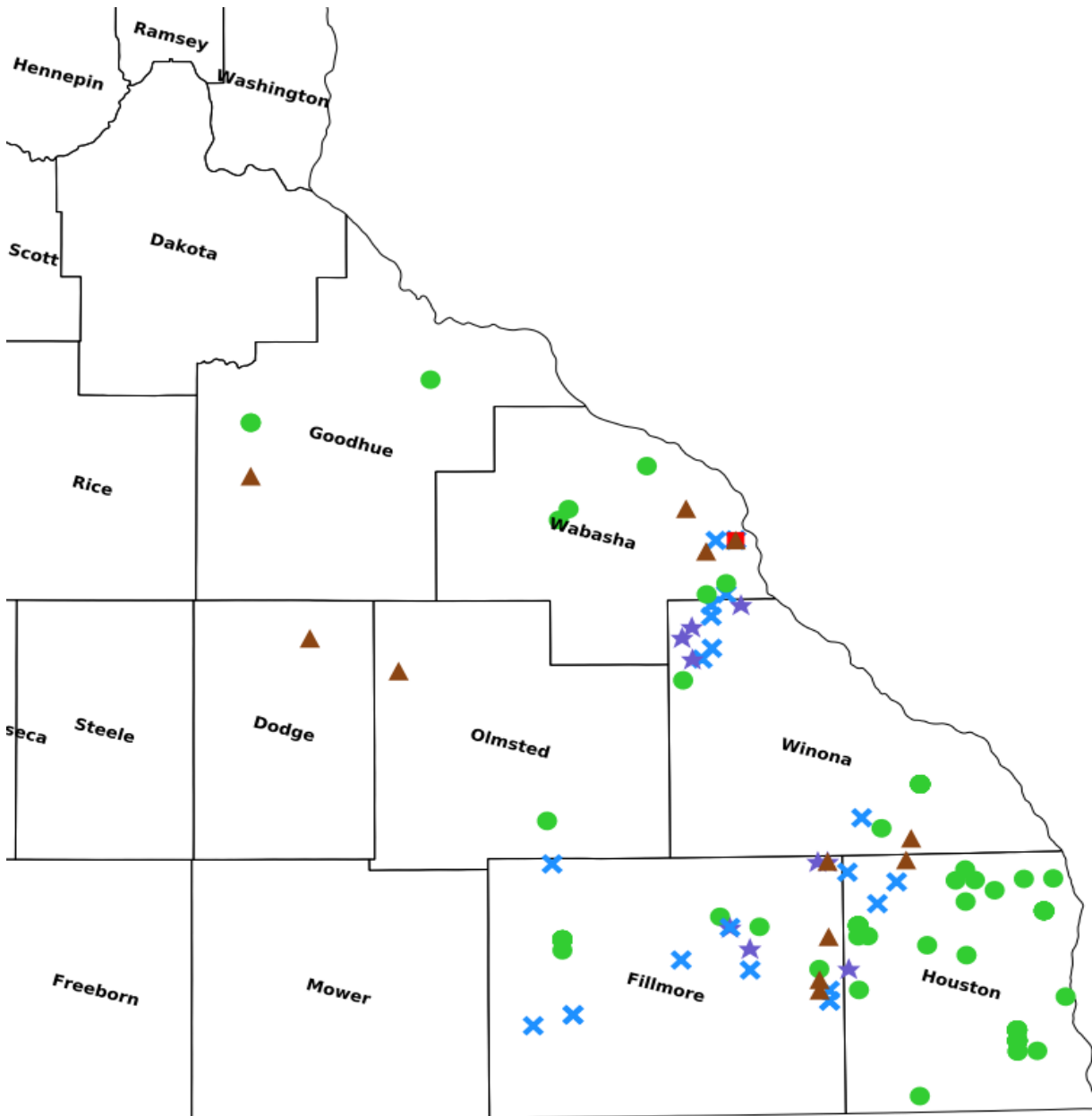
Name	County	TRDS	Acres	Est Cost	Existing Protection
Deer Creek	Fillmore	10312208	60	-	No
Root River 6	Fillmore	10309203	130	\$200,000	No
Deer Creek	Fillmore	10312208	60	-	No
Deer Creek	Fillmore	10312208	60	-	No
Deer Creek	Fillmore	10312208	60	-	No
Wykoff Balsam Fir SNA	Fillmore	10312217	440	\$460,000	No
Deer Creek	Fillmore	10312208	60	-	No
Deer Creek	Fillmore	10312208	60	-	No
Deer Creek	Fillmore	10312208	60	-	No
Deer Creek	Fillmore	10312208	60	\$63,000	No
Maple Creek (Dahl)	Fillmore	10308227	203	\$142,000	No
Sogn Valley	Goodhue	11118212	118	\$200,000	No
Hay Creek 2	Goodhue	11215224	128	\$200,000	Yes
Sogn Valley	Goodhue	11118212	110	\$125,000	No
Chisholm Valley	Houston	10307205	110	\$150,000	Yes
Storer Valley Creek (Kelleher)	Houston	10406213	206	\$247,656	No
Riceford Creek (Dahl Creek Farms, LLLP)	Houston	10207205	83	\$81,000	No
Root River 7	Houston	10404233	140	\$200,000	No
Crooked Creek 5	Houston	10205225	210	\$250,000	No
Crooked Creek 4	Houston	10205236	250	\$200,000	No
Chisholm Valley	Houston	10307205	110	\$150,000	Yes
Root River 7	Houston	10404233	140	\$200,000	No
Crooked Creek 5	Houston	10205225	210	\$250,000	No
Crooked Creek 4	Houston	10205236	250	\$200,000	No
Chisholm Valley	Houston	10307205	110	\$150,000	Yes
Root River 7	Houston	10404233	140	\$200,000	No
Crooked Creek 5	Houston	10205225	210	\$250,000	No
Crooked Creek 4	Houston	10205236	250	\$200,000	No
Chisholm Valley	Houston	10307205	110	\$150,000	Yes
Root River 7	Houston	10404233	140	\$200,000	No
Crooked Creek 5	Houston	10205225	210	\$250,000	No
Crooked Creek 4	Houston	10205236	250	\$200,000	No

Chisholm Valley	Houston	10307205	110	\$150,000	Yes
Root River 7	Houston	10404233	140	\$200,000	No
Crooked Creek 5	Houston	10205225	210	\$250,000	No
Daley Creek 1	Houston	10307205	100	\$130,000	Yes
Root River 7	Houston	10404233	140	\$200,000	No
Crooked Creek 5	Houston	10205225	210	\$250,000	No
Crooked Creek 4	Houston	10205236	250	\$200,000	No
Chisholm Valley	Houston	10307205	110	\$150,000	Yes
Root River 7	Houston	10404233	140	\$200,000	No
Crooked Creek 5	Houston	10205225	210	\$250,000	No
Crooked Creek 4	Houston	10205236	250	\$200,000	No
Chisholm Valley	Houston	10307205	110	\$150,000	Yes
Crooked Creek 4	Houston	10205236	250	\$200,000	No
Root River 7	Houston	10404233	140	\$200,000	No
Crooked Creek 5	Houston	10205225	210	\$250,000	No
Crooked Creek 4	Houston	10205236	250	\$200,000	No
Chisholm Valley	Houston	10307205	110	\$150,000	Yes
Badger Creek	Houston	10306216	100	\$130,000	No
Storer Creek 1	Houston	10405230	200	\$250,000	No
Chisholm Ridge 1	Houston	10307208	200	\$250,000	No
Clear Creek	Houston	10104205	60	\$90,000	No
Day Creek	Houston	10405222	60	\$90,000	No
Bee Creek	Houston	10106229	55	\$80,000	No
Storer Creek 2	Houston	10405207	65	\$90,000	No
La Crescent	Houston	10404218	80	\$24,000	No
Storer Creek 3	Houston	10405217	200	\$250,000	No
Chisholm Ridge 2	Houston	10307209	40	\$70,000	No
Crooked Creek 3	Houston	10105201	60	\$90,000	No
Brownsville Bluff (Green-Guckelberger)	Houston	10204211	96	\$76,800	No
Crystal Creek 2	Houston	10305219	74	\$100,000	No
La Crescent 2	Houston	10404215	280	\$300,000	No
Crooked Creek 4	Houston	10105201	250	\$400,000	No
North Branch Root River	Olmsted	10513213	30	\$0	No
Trout Brook (Hunter Farm LLC)	Wabasha	11111234	228	\$320,000	No
East Indian Creek 3	Wabasha	10910234	100	\$150,000	No
East Indian Creek 4	Wabasha	10910225	150	\$200,000	No
West Albany Creek 1	Wabasha	11012230	195	\$225,000	No
West Albany Creek 2	Wabasha	11012220	190	\$225,000	No
Cedar Creek	Winona	10606232	43	\$24,000	No
Cedar Creek	Winona	10606232	43	\$24,000	No
Whitewater 3	Winona	10710208	55	\$24,000	No
Cedar Creek	Winona	10606232	43	\$24,000	No
Cedar Creek	Winona	10606232	43	\$24,000	No
Cedar Creek	Winona	10606232	43	\$24,000	No
Hippie Creek	Winona	10507222	200	\$200,000	No
Cedar Creek	Winona	10606232	43	\$24,000	No
Cedar Creek	Winona	10606232	43	\$24,000	No
Cedar Creek	Winona	10606232	43	\$24,000	No

Easement Parcels with Buildings

Name	County	TRDS	Acres	Est Cost	Existing Protection	Buildings	Value of Buildings
Root River (EBELC)	Fillmore	10410236	125	\$194,000	No	2	\$30,300

Parcel Map



0 6 12 18 mi

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