

# Lessard-Sams Outdoor Heritage Council

## Laws of Minnesota 2020 Accomplishment Plan



**Date:** December 17, 2019

**Program or Project Title:** Southeast Minnesota Protection and Restoration Phase 8

**Funds Recommended:** \$ 3,155,000

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**Legislative Citation:** ML 2020, Ch. X, Art. 1, Sec. 2, subd XX

**Appropriation Language:**

**County Locations:** Dodge, Fillmore, Houston, Wabasha, and Winona.

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

- Southeast Forest

**Activity types:**

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

**Priority resources addressed by activity:**

- Forest
- Habitat
- Prairie

### Abstract:

This project will protect approximately 849 acres using conservation easement and fee land acquisition and restore and enhance approximately 85 acres of declining habitat for important wildlife species. Actions will occur in strategically targeted areas of biodiversity significance within 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. We will 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 fragmented ownership. Benefits of this program include the increased effectiveness of frequent prescribed fire necessary to reclaim "goat prairies" and 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 proposal 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 in 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 422 acres of conservation easements and develop restoration and habitat management plans for eased lands. MLT will identify potential projects within targeted priority areas through a RFP process coupled with local outreach via SWCD offices. 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 240 acres of forest and 85 acres of prairie and other grassland along .45 miles of coldwater trout stream is planned.

#### Restoration and Enhancement:

TNC will restore/enhance approximately 35 acres of bluff prairie, floodplain, riparian habitat and forest. MLT will restore 50 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.

#### Results to date:

Conservation Easements: 2,435 acres

Fee Land Acquisition: 4,275 acres

27 miles of stream protected

Restoration and Enhancement: 983 acres

## **How does the request address MN habitats that have: historical value to fish and wildlife, wildlife species of greatest conservation need, MN County Biological Survey data, and/or rare, threatened and endangered species inventories:**

Most of the projects selected for this proposal are located in complexes of biodiversity significance, as identified by MBS. Many are also in close proximity to current state land. Buidling and expanding contiguous blocks of habitat protects habitat continuity in a fragmented landscape.

Sedimentation and erosion are major threats to fish in the region. Protecting and enhancing upland natural communities, especially on the steep bluffs that flank most trout streams, will help prevent additional erosion. Aquatic habitat also benefits from protection of trout stream banks and floodplains. The water quality benefit that comes with the protection of forested upland areas is significant and contributes to improved trout and non-game fish and mussel habitat.

Proposed projects contain 100 occurrences of Species in Greatest Conservation Need (SGCN) identified by the Natural Heritage Inventory, including 57 different species/communities/assemblages. Completed projects include a total of 158 occurrences representing 71 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 the science based planning and evaluation model used:**

Southeast MN benefits from 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 sections of the Minnesota Statewide Conservation and Preservation Plan are applicable to this program:

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

### Which 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

### Relationship to other funds:

- Environmental and Natural Resource Trust Fund
- Clean Water Fund

#### Describe the relationship of the funds:

This project implements priority activities identified in watershed protection plans developed with support from the Environmental and Natural Resources Trust Fund and Clean Water Fund.

### Does this program include leverage in funds:

Yes

US Fish and Wildlife Service (USFWS) State Wildlife Grant funds are used by TNC to enhance oak savanna and bluff prairie on private lands within priority complexes where this project operates. TNC will use US Forest Service funds to work with private landowners adjacent to public ownership to conduct prescribed fire across ownership boundaries, increasing the scale and efficiency of management.

The 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 \$80,000 of donated value from landowners from easement acquisition is a conservative estimate.

Partners are also leveraging private funds to cover a portion of travel and direct support services cost totaling \$90,100.

### Per MS 97A.056, Subd. 24, Any state agency or organization requesting a direct appropriation from the OHF must inform the LSOHC at the time of the request for funding is made, 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.

## Describe the source and amount of non-OHF money spent for this work in the past:

Appropriation 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	\$18,110
2017	The Nature Conservancy	\$1,716

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

Tracts acquired will be transferred to the state for ongoing management except when TNC ownership is appropriate. Acquisition projects will be near or adjacent to existing protected lands, including state-owned lands and lands under conservation easement, allowing for the expansion of management activities that are already taking place. Habitats cleared of invasive species will be maintained with prescribed fire and other practices depending on funding. 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.

Land protected through conservation easements will be sustained by MLT through a 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.

## Explain the things you will do in the future 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:

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

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

Explain

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.

Will county board or other local government approval be formally sought prior to acquisition, per 97A.056 subd 13(j) - **No**

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**

A proposed fee land acquisition project has a trout stream angling access easement on it that was considered in the appraisal. One large fee land acquisition project has a RIM easement on a portion of it that was considered in the appraisal. We will follow guidance

established by the Outdoor Heritage Fund to proceed.

Is this land currently open for hunting and fishing - **No**

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

None

Who will eventually own the fee title land?

**State of MN, Local Unit of Government, NGO**

Land acquired in fee will be designated as a:

**WMA, SNA, AMA, State Forest, City Owned (One potential project may be more suitable for city ownership, but in natural state.)**

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

**TPL and TNC expect to close on 3-5 fee acquisitions through this appropriation.**

Will the eased land be open for public use - **No**

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

Who will manage the easement?

**Minnesota Land Trust**

Who will be the easement holder?

**Minnesota Land Trust**

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

**MLT will complete 2-4 easements depending on size and cost.**

Are there currently trails or roads on any of the acquisitions on the parcel list - **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**

There will likely be restoration needs greater than funding available within this appropriation for 1 or more of the lands to be acquired within this appropriation.

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

Is the activity on permanently protected land per 97A.056, subd 13(f), tribal lands, and/or public waters per MS 103G.005, Subd. 15 - **Yes (WMA, SNA, AMA, Permanently Protected Conservation Easements County/Municipal, Public Waters, State Forests, OHF Acquired TNC Preserve)**

### Accomplishment Timeline:

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

Date of Final Report Submission: 11/1/2025

### Federal Funding:

Do you anticipate federal funds as a match for this program - **No**

## **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.*

# Budget Spreadsheet

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

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

TNC will not pursue a large acquisition that we had been working on. TNC will not be able to complete several restoration and enhancement projects. MLT will be unable to complete several easements from landowners who have applied to previous requests for proposals.

**Total Amount of Request: \$ 3155000**

### Budget and Cash Leverage

Budget Name	LSOHC Request	Anticipated Leverage	Leverage Source	Total
Personnel	\$355,000	\$0		\$355,000
Contracts	\$312,000	\$0		\$312,000
Fee Acquisition w/ PILT	\$1,614,500	\$0		\$1,614,500
Fee Acquisition w/o PILT	\$0	\$0		\$0
Easement Acquisition	\$422,500	\$80,000	Private Landowners	\$502,500
Easement Stewardship	\$96,000	\$0		\$96,000
Travel	\$13,000	\$2,500	Private	\$15,500
Professional Services	\$146,500	\$0		\$146,500
Direct Support Services	\$90,100	\$87,600	Private, Private	\$177,700
DNR Land Acquisition Costs	\$35,000	\$0		\$35,000
Capital Equipment	\$0	\$0		\$0
Other Equipment/Tools	\$0	\$0		\$0
Supplies/Materials	\$20,400	\$0		\$20,400
DNR IDP	\$50,000	\$0		\$50,000
<b>Total</b>	<b>\$3,155,000</b>	<b>\$170,100</b>		<b>\$3,325,100</b>

### Personnel

Position	FTE	Over # of years	LSOHC Request	Anticipated Leverage	Leverage Source	Total
Protection and Legal Staff	0.10	3.00	\$50,000	\$0		\$50,000
TNC Project Management, Protection and Grants Admin.	0.70	3.00	\$180,000	\$0		\$180,000
MLT Restoration Staff	0.22	3.00	\$65,000	\$0		\$65,000
MLT Protection Staff	0.20	3.00	\$60,000	\$0		\$60,000
<b>Total</b>	<b>1.22</b>	<b>12.00</b>	<b>\$355,000</b>	<b>\$0</b>		<b>\$355,000</b>

### Budget and Cash Leverage by Partnership

Budget Name	Partnership	LSOHC Request	Anticipated Leverage	Leverage Source	Total
Personnel	Trust for Public Land	\$50,000	\$0		\$50,000
Contracts	Trust for Public Land	\$75,000	\$0		\$75,000
Fee Acquisition w/ PILT	Trust for Public Land	\$690,400	\$0		\$690,400
Fee Acquisition w/o PILT	Trust for Public Land	\$0	\$0		\$0
Easement Acquisition	Trust for Public Land	\$0	\$0		\$0
Easement Stewardship	Trust for Public Land	\$0	\$0		\$0
Travel	Trust for Public Land	\$0	\$2,500	Private	\$2,500
Professional Services	Trust for Public Land	\$40,000	\$0		\$40,000
Direct Support Services	Trust for Public Land	\$29,600	\$29,600	Private	\$59,200
DNR Land Acquisition Costs	Trust for Public Land	\$15,000	\$0		\$15,000
Capital Equipment	Trust for Public Land	\$0	\$0		\$0
Other Equipment/Tools	Trust for Public Land	\$0	\$0		\$0
Supplies/Materials	Trust for Public Land	\$0	\$0		\$0
DNR IDP	Trust for Public Land	\$30,000	\$0		\$30,000
<b>Total</b>		<b>\$930,000</b>	<b>\$32,100</b>		<b>\$962,100</b>

**Personnel - Trust for Public Land**

Position	FTE	Over # of years	LSOHC Request	Anticipated Leverage	Leverage Source	Total
Protection and Legal Staff	0.10	3.00	\$50,000	\$0		\$50,000
Total	0.10	3.00	\$50,000	\$0		\$50,000

BudgetName	Partnership	LSOHC Request	Anticipated Leverage	Leverage Source	Total
Personnel	The Nature Conservancy	\$180,000	\$0		\$180,000
Contracts	The Nature Conservancy	\$100,000	\$0		\$100,000
Fee Acquisition w/ PILT	The Nature Conservancy	\$924,100	\$0		\$924,100
Fee Acquisition w/o PILT	The Nature Conservancy	\$0	\$0		\$0
Easement Acquisition	The Nature Conservancy	\$0	\$0		\$0
Easement Stewardship	The Nature Conservancy	\$0	\$0		\$0
Travel	The Nature Conservancy	\$5,000	\$0		\$5,000
Professional Services	The Nature Conservancy	\$40,000	\$0		\$40,000
Direct Support Services	The Nature Conservancy	\$25,900	\$58,000	Private	\$83,900
DNR Land Acquisition Costs	The Nature Conservancy	\$20,000	\$0		\$20,000
Capital Equipment	The Nature Conservancy	\$0	\$0		\$0
Other Equipment/Tools	The Nature Conservancy	\$0	\$0		\$0
Supplies/Materials	The Nature Conservancy	\$20,000	\$0		\$20,000
DNR IDP	The Nature Conservancy	\$20,000	\$0		\$20,000
Total		\$1,335,000	\$58,000		\$1,393,000

**Personnel - The Nature Conservancy**

Position	FTE	Over # of years	LSOHC Request	Anticipated Leverage	Leverage Source	Total
TNC Project Management, Protection and Grants Admin.	0.70	3.00	\$180,000	\$0		\$180,000
Total	0.70	3.00	\$180,000	\$0		\$180,000

BudgetName	Partnership	LSOHC Request	Anticipated Leverage	Leverage Source	Total
Personnel	Minnesota Land Trust	\$125,000	\$0		\$125,000
Contracts	Minnesota Land Trust	\$137,000	\$0		\$137,000
Fee Acquisition w/ PILT	Minnesota Land Trust	\$0	\$0		\$0
Fee Acquisition w/o PILT	Minnesota Land Trust	\$0	\$0		\$0
Easement Acquisition	Minnesota Land Trust	\$422,500	\$80,000	Private Landowners	\$502,500
Easement Stewardship	Minnesota Land Trust	\$96,000	\$0		\$96,000
Travel	Minnesota Land Trust	\$8,000	\$0		\$8,000
Professional Services	Minnesota Land Trust	\$66,500	\$0		\$66,500
Direct Support Services	Minnesota Land Trust	\$34,600	\$0		\$34,600
DNR Land Acquisition Costs	Minnesota Land Trust	\$0	\$0		\$0
Capital Equipment	Minnesota Land Trust	\$0	\$0		\$0
Other Equipment/Tools	Minnesota Land Trust	\$0	\$0		\$0
Supplies/Materials	Minnesota Land Trust	\$400	\$0		\$400
DNR IDP	Minnesota Land Trust	\$0	\$0		\$0
Total		\$890,000	\$80,000		\$970,000

**Personnel - Minnesota Land Trust**

Position	FTE	Over # of years	LSOHC Request	Anticipated Leverage	Leverage Source	Total
MLT Restoration Staff	0.22	3.00	\$65,000	\$0		\$65,000
MLT Protection Staff	0.20	3.00	\$60,000	\$0		\$60,000
Total	0.42	6.00	\$125,000	\$0		\$125,000

Amount of Request: \$3,155,000

Amount of Leverage: \$170,100

Leverage as a percent of the Request: 5.39%



DSS + Personnel: \$445,100  
As a % of the total request: 14.11%

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

The Nature Conservancy's DSS is based on its Federally Negotiated Rate (FNR) as proposed and subsequently approved by the US Dept. of Interior on an annual basis. In this proposal we are requesting reimbursement of 7.5% of eligible base costs as determined by our annual FNR and based on suggestions from the Council in last year's hearings. The unrecovered portion of the approved rates through the life of the grant is offered as leverage. Examples of expenses included in the FNR include in-house legal counsel; finance, human resources and administrative functions; and IT support. The FNR does not include land acquisition or capital equipment costs over \$50,000.

The Trust for Public Land's DSS request is based upon our federally approved indirect rate, which has been approved by the DNR. This rate does not include costs that are included in other budget lines. 50% of these costs are requested from the grant and 50% is 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.

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

TNC and TPL contract line items are dedicated to enhancement and restoration work. Typical contractors include private vendors and Conservation Corps of MN/IA.

MLT will contract for: 1) habitat management plans on the new easement acquisitions; 2) restoration plans and projects, 3) contracts to SWCDs for outreach

**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.

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

TNC and TPL will leverage privately sourced funds to cover direct support services (DSS) costs not reimbursed.

TPL has leveraged private funds for travel.

MLT encourages landowners to donate value as a participant in the program. This leverage (\$80,000) is a conservative estimate of expected landowner contribution.

**What is the cost per easement for stewardship and explain how that amount is calculated?**

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

## Output Tables

**Table 1a. Acres by Resource Type**

Type	Wetlands	Prairies	Forest	Habitats	Total
Restore	0	0	0	50	50
Protect in Fee with State PILT Liability	0	85	240	102	427
Protect in Fee W/O State PILT Liability	0	0	0	0	0
Protect in Easement	0	0	0	422	422
Enhance	0	20	15	0	35
Total	0	105	255	574	934

**Table 1b. How many of these Prairie acres are Native Prairie?**

Type	Native Prairie
Restore	0
Protect in Fee with State PILT Liability	0
Protect in Fee W/O State PILT Liability	0
Protect in Easement	0
Enhance	0
Total	0

**Table 2. Total Funding by Resource Type**

Type	Wetlands	Prairies	Forest	Habitats	Total
Restore	\$0	\$0	\$0	\$190,000	\$190,000
Protect in Fee with State PILT Liability	\$0	\$500,000	\$1,187,000	\$475,000	\$2,162,000
Protect in Fee W/O State PILT Liability	\$0	\$0	\$0	\$0	\$0
Protect in Easement	\$0	\$0	\$0	\$700,000	\$700,000
Enhance	\$0	\$70,000	\$33,000	\$0	\$103,000
Total	\$0	\$570,000	\$1,220,000	\$1,365,000	\$3,155,000

**Table 3. Acres within each Ecological Section**

Type	Metro Urban	ForestPrairie	SE Forest	Prairie	N Forest	Total
Restore	0	0	50	0	0	50
Protect in Fee with State PILT Liability	0	0	427	0	0	427
Protect in Fee W/O State PILT Liability	0	0	0	0	0	0
Protect in Easement	0	0	422	0	0	422
Enhance	0	0	35	0	0	35
Total	0	0	934	0	0	934

**Table 4. Total Funding within each Ecological Section**

Type	Metro Urban	ForestPrairie	SE Forest	Prairie	N Forest	Total
Restore	\$0	\$0	\$190,000	\$0	\$0	\$190,000
Protect in Fee with State PILT Liability	\$0	\$0	\$2,162,000	\$0	\$0	\$2,162,000
Protect in Fee W/O State PILT Liability	\$0	\$0	\$0	\$0	\$0	\$0
Protect in Easement	\$0	\$0	\$700,000	\$0	\$0	\$700,000
Enhance	\$0	\$0	\$103,000	\$0	\$0	\$103,000
Total	\$0	\$0	\$3,155,000	\$0	\$0	\$3,155,000

**Table 5. Average Cost per Acre by Resource Type**

Type	Wetlands	Prairies	Forest	Habitats
Restore	\$0	\$0	\$0	\$3800
Protect in Fee with State PILT Liability	\$0	\$5882	\$4946	\$4657
Protect in Fee W/O State PILT Liability	\$0	\$0	\$0	\$0
Protect in Easement	\$0	\$0	\$0	\$1659
Enhance	\$0	\$3500	\$2200	\$0

**Table 6. Average Cost per Acre by Ecological Section**

Type	Metro/Urban	Forest/Prairie	SE Forest	Prairie	Northern Forest
Restore	\$0	\$0	\$3800	\$0	\$0
Protect in Fee with State PILT Liability	\$0	\$0	\$5063	\$0	\$0
Protect in Fee W/O State PILT Liability	\$0	\$0	\$0	\$0	\$0
Protect in Easement	\$0	\$0	\$1659	\$0	\$0
Enhance	\$0	\$0	\$2943	\$0	\$0

*Automatic system calculation / not entered by managers*

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

0.45

## Parcel List

*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.*

### Section 1 - Restore / Enhance Parcel List

#### Fillmore

Name	TRDS	Acres	Est Cost	Existing Protection?
Brightsdale State Forest Unit	10 30 920 6	25	\$25,000	Yes
Chosen Valley WMA	10 41220 6	10	\$4,000	Yes
Gribben Creek State Forest Unit	10 30 9228	30	\$36,000	Yes
William Pease WMA	10 41120 7	25	\$10,000	Yes

#### Houston

Name	TRDS	Acres	Est Cost	Existing Protection?
Chisholm Valley WMA	10 30 720 4	35	\$14,000	Yes
Ferndale Ridge WMA	10 40 7232	300	\$120,000	Yes

#### Winona

Name	TRDS	Acres	Est Cost	Existing Protection?
Whitewater Prairie 2	10 810 211	27	\$67,500	Yes
Whitewater Savanna	10 810 211	65	\$162,500	Yes
Whitewater Savanna 2	10 810 235	100	\$30,000	Yes
Whitewater WMA	10 810 20 2	60	\$180,000	Yes

### Section 2 - Protect Parcel List

#### Dodge

Name	TRDS	Acres	Est Cost	Existing Protection?	Hunting?	Fishing?
Middle Fork Zumbro River SNA	10 81722 4	175	\$787,500	No	Full	Full
Middle Fork Zumbro River SNA	10 81722 4	175	\$787,500	No	Full	Full

#### Fillmore

Name	TRDS	Acres	Est Cost	Existing Protection?	Hunting?	Fishing?
Choice	10 30 821 1	102	\$102,000	No	Full	Full
Choice WMA 6	10 20 821 2	120	\$420,000	No	Full	Full
Choice WMA North 3	10 20 820 3	120	\$480,000	No	Full	Full
Choice WMA North 5	10 30 823 4	80	\$400,000	No	Full	Full
Deer Creek SNA I	10 31321 2	236	\$705,000	No	Full	Full
Deer Creek SNA II	10 31321 3	159	\$506,000	No	Full	Full
Forestville 2	10 21222 2	130	\$455,000	No	Full	Full
Rushford SB 2	10 40 822 2	160	\$500,000	No	Full	Full

#### Houston

Name	TRDS	Acres	Est Cost	Existing Protection?	Hunting?	Fishing?
Money Creek South	10 40 620 6	100	\$100,000	No	Full	Full
Money Creek South	10 40 620 6	100	\$300,000	No	Full	Full
Wet Bark 3	10 30 623 0	325	\$1,137,500	No	Full	Full

Wabasha

Name	TRDS	Acres	EstCost	Existing Protection?	Hunting?	Fishing?
McCarthy Lake	10 90 9206	138	\$135,000	No	Full	Full
McCarthy Lake 2	10 90 9207	100	\$450,000	No	Full	Full
Snake Creek	10 910 209	257	\$1,555,000	No	Full	Full
Watopa Forest	10 910 210	320	\$1,320,000	No	Full	Full
Weaver Dunes	10 90 9206	231	\$250,000	No	Full	Full
Whitewater WMA Main	10 90 9230	50	\$252,000	No	Full	Full
Whitewater WMA Main II	10 90 9232	210	\$486,000	No	Full	Full

Winona

Name	TRDS	Acres	EstCost	Existing Protection?	Hunting?	Fishing?
Whitewater WMA Main III	10 710 209	54	\$277,900	No	Full	Full
Whitewater WMA North I	10 710 207	41	\$259,000	No	Full	Full
Whitewater WMA North II	10 710 208	86	\$624,900	No	Full	Full
Whitewater WMA South	10 70 9231	430	\$2,300,000	No	Full	Full
Whitewater WMA South II	10 710 226	543	\$1,884,000	No	Full	Full

Section 2a - Protect Parcel with Bldgs

Fillmore

Name	TRDS	Acres	EstCost	# Bldgs?	Bldg Improve Desc	Value of Bldg	Disposition of Improvements
Choice WMA 7	10 20 8202	570	\$2,000,000	2	Farm buildings and grain sheds	\$	
Rush Creek	10 40 8202	240	\$825,000	1	shed	\$0	

Winona

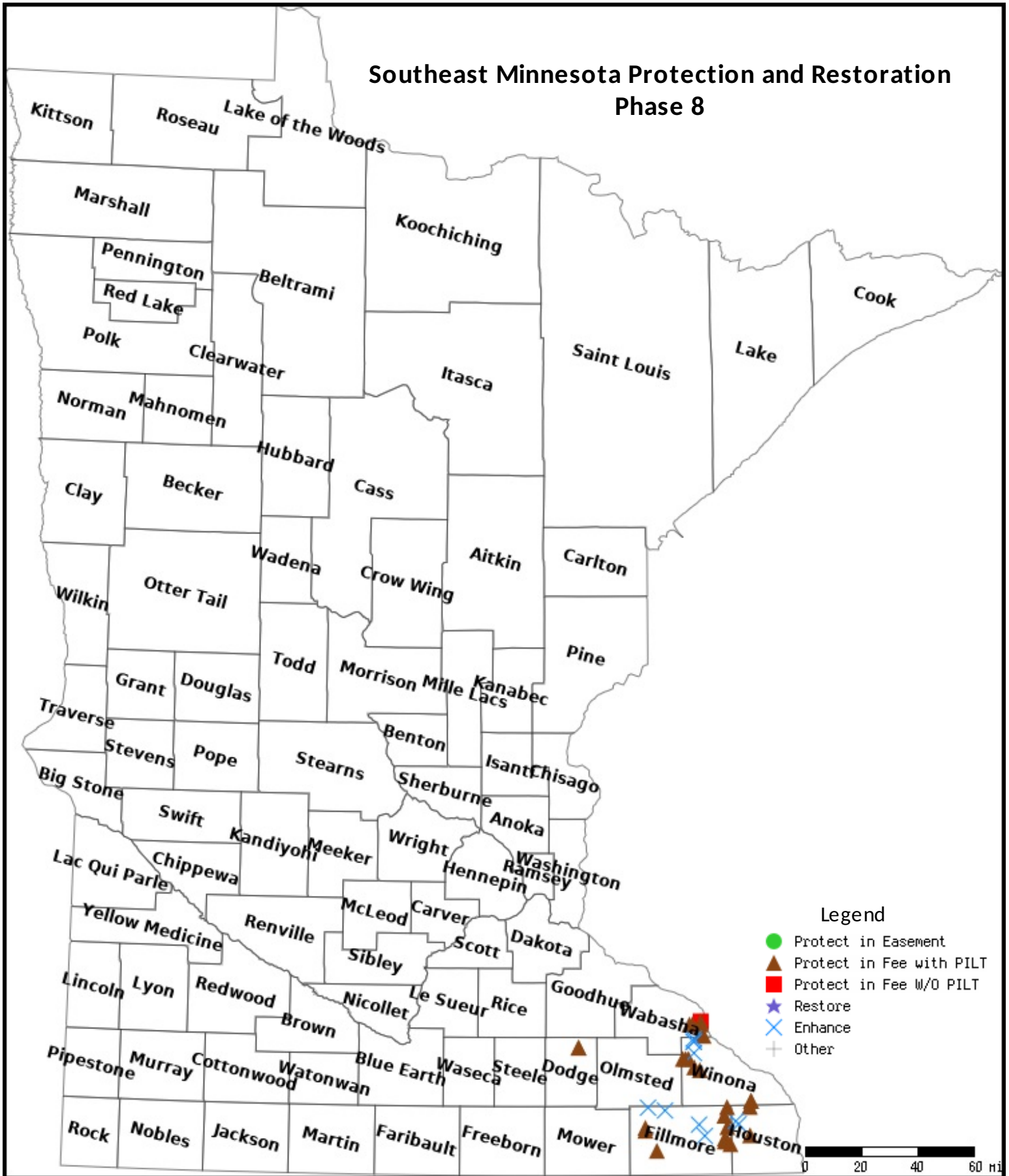
Name	TRDS	Acres	EstCost	# Bldgs?	Bldg Improve Desc	Value of Bldg	Disposition of Improvements
Money Creek	10 50 6230	850	\$2,500,000	1	shed	\$0	
Money Creek	10 50 6230	850	\$2,500,000	1	shed	\$0	

Section 3 - Other Parcel Activity

No parcels with an other activity type.

# Parcel Map

## Southeast Minnesota Protection and Restoration Phase 8



Data Generated From Parcel List