



## Lessard-Sams Outdoor Heritage Council

### Anoka Sand Plain Habitat Conservation - Phase VI Laws of Minnesota 2019 Accomplishment Plan

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#### General Information

**Date:** 06/13/2024

**Project Title:** Anoka Sand Plain Habitat Conservation - Phase VI

**Funds Recommended:** \$2,573,000

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

**Appropriation Language:** \$2,573,000 the first year is to the commissioner of natural resources for agreements to acquire permanent conservation easements and to restore and enhance wildlife habitat on public lands and easements in the Anoka Sand Plain ecoregion and intersecting minor watersheds as follows: \$156,000 is to the Anoka Conservation District; \$699,000 is to Great River Greening; \$269,000 is to the Sherburne Soil and Water Conservation District; \$182,000 is to the National Wild Turkey Federation; and \$1,267,000 is to Minnesota Land Trust, of which up to \$144,000 to Minnesota Land Trust is for establishing monitoring and enforcement funds as approved in the accomplishment plan and subject to Minnesota Statutes, section 97A.056, subdivision 17. A list of proposed permanent conservation easements, restorations, and enhancements must be provided as part of the required accomplishment plan.

#### Manager Information

**Manager's Name:** Wiley Buck

**Title:** Program Manager

**Organization:** Great River Greening

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#### Location Information

**County Location(s):** Morrison, Sherburne, Benton, Isanti, Anoka, Todd, Chisago and Stearns.

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

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

**Activity types:**

- Protect in Easement
- Restore
- Enhance

**Priority resources addressed by activity:**

- Wetlands
- Prairie
- Forest
- Habitat

**Narrative****Abstract**

Five partner organizations of the >25-member Anoka Sand Plain (ASP) Partnership will protect 210 acres of habitat through conservation easement, and restore/enhance 850 acres of Prairie/Oak Savanna, Shallow Basin Wetland, and fire-dependent Woodland/Forest habitats on public and protected private sites, within the Anoka Sand Plain Ecological Region and intersecting watersheds. These actions will increase biodiversity, habitat connectivity, and landscape resilience within the ASP Ecoregion, and address the ASP Partnership goals, DNR Wildlife Action Plan and OHF priorities for the Metropolitan Urbanizing and Forest-Prairie Transition sections.

**Design and Scope of Work****Urgency and Opportunity:**

The amount of high quality remnant habitat in the ASP is remarkable especially given its proximity to Twin Cities Metropolitan and St. Cloud areas. While the location of the ASP provides easy access for many Minnesotans, the associated stressors threaten the ASP's sustainability: The ecological diversity of the ASP is threatened by invasive species and development and the best window for response is now.

**Partnership:**

The ASP Partnership is determined to protect, restore and enhance functioning ecosystems, habitat cores and corridors in strategic locations so these functioning landscapes can provide ecological services and high quality recreational opportunities. Anoka Conservation District (ACD), Great River Greening (GRG), Minnesota Land Trust (MLT), National Wild Turkey Federation (NWTf) and Sherburne SWCD (ShSWCD), will secure and hold conservation easements on 210 acres, and complete restoration and enhancement (R/E) on 850 acres on protected private parcels and 10 public sites. ASP Partners will enhance habitat by conducting invasive species removal, prescribed burning, thinning, mowing, and seeding and planting with locally sourced native seed and plants to increase biological diversity and landscape resilience. Conservation easements that permanently protect private lands for future generations will be secured and held by MLT, protecting additional parcels and acreage to expand habitat cores and corridors in the ASP; where needed, R/E will also be completed on a portion of these newly protected acres.

**Priorities:**

The ASP Partnership 10 - Year Strategic Conservation Action Plan utilizes multiple-criteria GIS analyses to identify and prioritize critical areas for habitat connectivity, SGCN, biodiversity, and native plant communities; the next steps of the Action Plan will determine target acreage goals for the ASP based on these criteria. The ASP Partners' local knowledge have also been used to identify and prioritize ecologically significant projects and parcels with engaged stakeholders.

#### Scope of Work:

Anticipated R/E PROJECTS on parcels with existing protection, by priority habitat, are:

PRAIRIE/SAVANNA (339 acres; \$719,000)

1.1 Crane Meadows NWR Phase I

2.1 Freemont WMA

3. Oak Savanna Park

4. Quarry Park SNA Phase I

5.1 Robert and Marilyn Burman WMA

6. Santiago WMA

B. SHALLOW BASIN NON-FORESTED WETLAND (135 acres; \$211,000)

5.2 Robert and Marilyn Burman WMA

7. Blaine Preserve SNA

8. Blaine Wetland Sanctuary South, Phase II

C. WOODLAND/FOREST (326 acres; \$376,000)

1.2 Crane Meadows NWR Phase I

2.2 Freemont WMA

9. McDougall WMA

10. Sartell WMA

Anticipated PROTECTION PROJECTS, with a portion of same acreage undergoing R/E, are:

A. HABITATS (210 acres protected; of these, 40 acres enhanced and 10 acres restored; \$1,267,000)

11-16 . A range of 1 to 6 Conservation easements will be secured on private parcels, adding protected acreage to the priority habitats.

With the both protection and R/E activities, this partnership work proposed here will significantly advance conservation goals in the ASP Ecoregion.

### **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?**

The Anoka Sand Plain (ASP) Ecological Region is comprised of dry sandy uplands interspersed with shallow wetlands, and critically endangered oak savanna woodlands that serve as refuges for many globally unique species and rare plant communities, and holds two Wild & Scenic Rivers. The MN County Biological Survey ranks 72,000 acres in the ASP Ecoregion as Outstanding or High Biodiversity. The ASP provides habitat for 97 known or predicted Species in Greatest Conservation Need (SGCN), 39 of which are federally or state endangered, threatened, or special concern. Roughly one-third of Minnesota's state listed rare plant and animals make their home in the ASP.

RARE (T&E, SPC, SGCN) SPECIES AT ASP6 PROJECT SITES:

#### BIRD

Acadian flycatcher

American Woodcock

Bay-breasted warbler

Eastern towhee

Field sparrow

Grasshopper sparrow

Northern rough-winged swallow  
Olive-sided flycatcher  
Philadelphia vireo  
Purple Martin  
Red-shouldered hawk  
Sandhill Crane  
Wood thrush

MAMMAL

Northern Long-eared bat

REPTILE

Blanding's Turtle

Gophersnake

INVERTEBRATE

Jumping spider (*Pelegrina arizonensis*)

Northern Barrens Tiger Beetle

VASCULAR PLANT

Autumn Fimbry

Beach Heather

Clinton's Bulrush

Cross-leaved Milkwort

Lance-leaf violet

Marginated Rush

Seaside Three-awn

Slimspike Three-awn

Small-leaved Pussytoes

St. Lawrence Grapefern

Tuberclad Rein-Orchid

Twisted Yellow-eyed grass

**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:**

Multiple-criteria decision analyses in GIS were performed to identify and prioritize critical areas for habitat using data sources layers that capture habitat connectivity, habitats that support species in greatest conservation need, terrestrial and aquatic sites of biodiversity, potential locations of groundwater influenced shallow wetlands, and native plant communities.

Data layers include:

1. Top 95% of SGCN population composite
2. Good or excellent populations of state or federally endangered and threatened species
3. Richness hotspots falling outside the top 95 percent of populations
4. Marxan outputs from the Scientific and Natural Area strategic plan

5. Sites of Biodiversity Significance that intersect with Marxan outputs

6. Native plant communities: Minnesota Department of Nature Resources – Division of Ecological and Water Resources – Biological Survey. MNDNR Native Plant Communities. 2014.

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

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

**Which two other plans are addressed in this program?**

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

**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

**Outcomes**

**Programs in forest-prairie transition region:**

- Wetland and upland complexes will consist of native prairies, restored prairies, quality grasslands, and restored shallow lakes and wetlands ~ *Perform ecological monitoring using DNR protocol and evaluate data; adapt management when and where needed. Record number of acres protected of high quality habitat on private lands, which buffer public lands and expand habitat cores and corridors; and number of acres of key habitat successfully restored / enhanced. Map project sites and periodically perform GIS analysis to help quantify impact on habitat complexes.*

**Programs in metropolitan urbanizing region:**

- A network of natural land and riparian habitats will connect corridors for wildlife and species in greatest conservation need ~ *Perform ecological monitoring using DNR protocol and evaluate data; adapt management when and where needed. Record number of acres protected of high quality habitat on private lands, which buffer public lands and expand habitat cores and corridors; and number of acres of key habitat successfully restored / enhanced. Map project sites and periodically perform GIS analysis to help quantify impact on habitat cores and corridors.*

**Does this program include leveraged funding?**

Yes

### Explain the leverage:

Leverage includes both secured and budgeted cash match from National Wild Turkey Federation (\$18K) for two R/E projects; landowner donation of easement value (estimated at \$140,000); anticipated cash match from City of Blaine (\$15K) for one R/E project. Recipients are also recognizing general operating support being applied to cover unrealized indirect costs.

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

Funding from the OHF received by any partner will not be supplant or substitute for any previous non-Legacy funding used for the same purpose.

### Non-OHF Appropriations

Year	Source	Amount
2007	Moen Management LLC for Moen Wetland Bank, now Blaine Preserve SNA	\$350,000
various	Blaine Wetland Sanctuary: City of Blaine Open Space Referendum; Park Dedication Fees; City Tax Levy	\$900,000
2017	Oak Savanna Park: Sherburne County, cash and in-kind	\$39,000
2017	Oak Savanna Park: BWSR Enhanced Capacity via ShSWCD	\$20,000
various	WMAs and SNAs: State of Minnesota General Fund for purchase, development, restoration, and enhancement	-

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

The ASP Partnership is committed to working with respective land management agencies and owners, and conservation organizations in an on-going basis to identify and procure financial resources for maintaining these improvements as needed, engage the community, and otherwise assist in reducing the financial and capacity burden of the land managers and owners.

The land protected through conservation easements will be sustained through state-of-the-art standards and practices for conservation easement stewardship that includes annual property monitoring, effective records management, addressing inquiries and interpretations, tracking changes in ownership, investigating potential violations and defending the easement in case of a true violation. Funding for these easement stewardship activities is included in the project budget. For R/E on existing protected land, site-specific resource management plans will be utilized (and developed, if not already in place) to guide effective long-term management of targeted habitats/species.

All land managers associated with sites included in this proposal have committed to the long-term maintenance of these habitat improvements in line with prescribed actions. A principle management goal for each site is to bring sites to a threshold where on-going management costs are diminished, before the end of the grant period.

## Actions to Maintain Project Outcomes

Year	Source of Funds	Step 1	Step 2	Step 3
ACD - 2024	DNR	Follow up buckthorn treatment and aspen	-	-
MLT - 2024 (and in perpetuity)	Minnesota Land Trust Long-Term Stewardship& Enforcement Fund	Annual monitoring of easements	Enforcement as needed	-
ShSWCD - 2025, 2028, 2030	ShSWCD in kind, Sherburne County	Spot check	Cut invasives/mow/dormant overspray	Assess next step
ACD - 2024	Agriculture Preserves	Spot treat reed canary grass and spotted knapweed. Maintenance mowing and spot spray.	-	-
ACD - 2025	Agriculture Preserves	Follow up buckthorn treatment	-	-
ACD - 2026	DNR	Prescribed burns	Rx burning	Spot treatment
GRG - 2025, 2028, 2030	City of Blaine	Rare species monitor	Rx burning	Spot treatment
GRG - 2025, 2028, 2030, 2040	DNR in-kind	Rare species monitor	Rx burning	Spot treatment
GRG - 2025,2028,2030	GRG	Monitor	Spot treatment	-
GRG - 2025, 2028, 2030	USFWS in-kind	Prescribed burn	Interseeding	Spot treatment
NWTF - 2025, 2030	DNR in-kind	Prescribed burn	-	-

## Activity Details

### Requirements

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

Yes

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

Yes

**Who will manage the easement?**

Minnesota Land Trust

**Who will be the easement holder?**

Minnesota Land Trust

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

MLT expects to close on 1-6 easement acquisitions through this grant. The number of easement acquisitions can vary significantly due to the size and cost of parcels; the maximum number of easements is capped at 6 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
- Permanently Protected Conservation Easements
- County/Municipal
- Refuge Lands

## Land Use

**Will there be planting of any crop on OHF land purchased or restored in this program, either by the proposer or the end owner of the property, outside of the initial restoration of the land?**

Yes

**Explain what will be planted and include the maximum percentage of any acquired parcel that would be planted into foodplots by the proposer or the end owner of the property:**

Easement Acquisition:

The purpose of the Minnesota Land Trust's conservation easements is to protect existing high quality natural habitat and to preserve opportunities for future restoration. 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.

Restoration:

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

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

True

**Will the eased land be open for public use?**

No

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

Yes

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

Most conservation easements are established on private lands, many of which have driveways, field roads and trails located on them. Often, these established trails and roads are permitted in the terms of the



easement and can be maintained for personal use if their use does not significantly impact the conservation values of the property. Creation of new roads/trails or expansion of existing ones is not allowed.

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

Yes

**How will maintenance and monitoring be accomplished?**

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

**Will new trails or roads be developed or improved as a result of the OHF acquisition?**

No

**Will the acquired parcels be restored or enhanced within this appropriation?**

Yes

A modest amount of funding has been allotted for R/E of a portion of the easement acreage acquired. These funds will enable MLT to significantly improve the condition and extent of habitat on protected lands.

## Timeline

Activity Name	Estimated Completion Date
ACD: Buckthorn and other woody species treatment	4/1/2020
ACD: Girdle aspen	6/1/2020
ACD: Reed canary grass and spotted knapweed control	10/1/2020
ACD: Buckthorn treatment: basal bark and cut and stump treat	5/1/2021
ACD: Thin and herbicide treat woody encroachment	5/1/2021
ACD: Rx burn	6/1/2021
ACD: Herbaceous control with mowing and spot spray	10/1/2021
ACD: Planting and seeding	11/1/2021
ACD: Follow up treatment	5/1/2022
ACD: Follow up treatment and vegetation monitoring including T&E species population monitoring	6/1/2022
GRG: Fecon Aspen and Cottonwoods	3/1/2019
GRG: Prescribed fire	6/1/2019
GRG: Interseeding of forbs and grasses	6/1/2019
GRG: Plans completed across all sites that do not have an existing plan	7/1/2020
GRG: First wave invasive removal, burning, interseeding, thinning, follow up invasive control	8/15/2020, 3/1/2021, 12/5/2021, 6/1/2022, 5/1/2023
GRG: Volunteer hauling and stacking, hand seeding	6/1/2021
MLT - Select and acquire conservation easements over 500 acres.	6/30/2023
MLT - Complete habitat restoration and enhancement over 160 acres.	6/30/2025
NWTF: Prepare firelines, and reduce coarse woody debris	12/5/2019
NWTF: Burn sites	spring 2020, 2021, 2022
Sherburne SWCD: Mechanical harvest of invasive species: red cedar, buckthorn, Tartarian honeysuckle	2/1/2020
Sherburne SWCD: Mechanical/Chemical site prep for 6 acres of prairie restoration	5/1/2022
Sherburne SWCD: Plant new prairie acres on 6 acres with local ecotype short dry prairie seed	6/15/2022
Sherburne SWCD: Late spring prescribed burning of severely degraded remnant prairie openings- monitoring of native seed bank response	6/1/2022
Sherburne SWCD: Tentative dormant overspray of persistent cool-season grasses in prairie openings	10/1/2022
Sherburne SWCD: Prescribed burn through dry oak forest and dry barrens oak savanna	11/1/2022

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

### **Availability of Appropriation:** Subd. 7. Availability of Appropriation

Money appropriated in this section may not be spent on activities unless they are directly related to and necessary for a specific appropriation and are specified in the accomplishment plan approved by the Lessard-Sams Outdoor Heritage Council. Money appropriated in this section must not be spent on indirect costs or other institutional overhead charges that are not directly related to and necessary for a specific appropriation. Unless otherwise provided, the amounts in this section are available until June 30, 2022. For acquisition of real property, the amounts in this section are available until June 30, 2023, if a binding agreement with a landowner or purchase agreement is entered into by June 30, 2022, and closed no later than June 30, 2023. Funds for restoration or enhancement are available until June 30, 2024, or five years after acquisition, whichever is later, in order to complete initial restoration or enhancement work. If a project receives at least 15 percent of its funding from

federal funds, the time of the appropriation may be extended to equal the availability of federal funding to a maximum of six years if that federal funding was confirmed and included in the original draft accomplishment plan. Funds appropriated for fee title acquisition of land may be used to restore, enhance, and provide for public use of the land acquired with the appropriation. Public-use facilities must have a minimal impact on habitat in acquired lands.

**Budget**

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

**Grand Totals Across All Partnerships**

<b>Item</b>	<b>Funding Request</b>	<b>Leverage</b>	<b>Leverage Source</b>	<b>Total</b>
Personnel	\$281,000	\$48,000	ACD, NWTF, City of Blaine, GRG, NWTF	\$329,000
Contracts	\$1,259,800	\$46,000	ACD, NWTF , NWTF, Sherburne County Parks	\$1,305,800
Fee Acquisition w/ PILT	-	-	-	-
Fee Acquisition w/o PILT	-	-	-	-
Easement Acquisition	\$690,000	\$140,000	-, Land owners	\$830,000
Easement Stewardship	\$120,000	-	-	\$120,000
Travel	\$18,800	-	-	\$18,800
Professional Services	\$78,000	-	-	\$78,000
Direct Support Services	\$49,800	\$29,900	-, waived indirect	\$79,700
DNR Land Acquisition Costs	-	-	-	-
Capital Equipment	-	-	-	-
Other Equipment/Tools	\$6,000	-	-	\$6,000
Supplies/Materials	\$69,600	\$6,000	ACD, NWTF , Sherburne SWCD	\$75,600
DNR IDP	-	-	-	-
<b>Grand Total</b>	<b>\$2,573,000</b>	<b>\$269,900</b>	<b>-</b>	<b>\$2,842,900</b>

**Partner: Anoka Conservation District****Totals**

Item	Funding Request	Leverage	Leverage Source	Total
Personnel	\$80,000	\$12,000	ACD, NWTF	\$92,000
Contracts	\$64,000	\$6,000	ACD, NWTF	\$70,000
Fee Acquisition w/ PILT	-	-	-	-
Fee Acquisition w/o PILT	-	-	-	-
Easement Acquisition	-	-	-	-
Easement Stewardship	-	-	-	-
Travel	-	-	-	-
Professional Services	-	-	-	-
Direct Support Services	-	-	-	-
DNR Land Acquisition Costs	-	-	-	-
Capital Equipment	-	-	-	-
Other Equipment/Tools	-	-	-	-
Supplies/Materials	\$12,000	\$4,000	ACD, NWTF	\$16,000
DNR IDP	-	-	-	-
<b>Grand Total</b>	<b>\$156,000</b>	<b>\$22,000</b>	<b>-</b>	<b>\$178,000</b>

**Personnel**

Position	Annual FTE	Years Working	Funding Request	Leverage	Leverage Source	Total
ACD Staff	0.43	3.0	\$80,000	\$12,000	ACD, NWTF	\$92,000

**Partner: Great River Greening****Totals**

Item	Funding Request	Leverage	Leverage Source	Total
Personnel	\$65,000	\$36,000	City of Blaine, GRG, NWTF	\$101,000
Contracts	\$574,000	\$10,000	NWTF	\$584,000
Fee Acquisition w/ PILT	-	-	-	-
Fee Acquisition w/o PILT	-	-	-	-
Easement Acquisition	-	-	-	-
Easement Stewardship	-	-	-	-
Travel	\$10,500	-	-	\$10,500
Professional Services	-	-	-	-
Direct Support Services	\$6,000	-	-	\$6,000
DNR Land Acquisition Costs	-	-	-	-
Capital Equipment	-	-	-	-
Other Equipment/Tools	\$4,000	-	-	\$4,000
Supplies/Materials	\$39,500	-	-	\$39,500
DNR IDP	-	-	-	-
<b>Grand Total</b>	<b>\$699,000</b>	<b>\$46,000</b>	<b>-</b>	<b>\$745,000</b>

**Personnel**

Position	Annual FTE	Years Working	Funding Request	Leverage	Leverage Source	Total
GRG Staff	0.42	3.0	\$65,000	\$36,000	City of Blaine, GRG, NWTF	\$101,000

**Partner: Sherburne SWCD****Totals**

Item	Funding Request	Leverage	Leverage Source	Total
Personnel	-	-	-	-
Contracts	\$266,000	\$30,000	Sherburne County Parks	\$296,000
Fee Acquisition w/ PILT	-	-	-	-
Fee Acquisition w/o PILT	-	-	-	-
Easement Acquisition	-	-	-	-
Easement Stewardship	-	-	-	-
Travel	-	-	-	-
Professional Services	-	-	-	-
Direct Support Services	\$3,000	-	-	\$3,000
DNR Land Acquisition Costs	-	-	-	-
Capital Equipment	-	-	-	-
Other Equipment/Tools	-	-	-	-
Supplies/Materials	-	\$2,000	Sherburne SWCD	\$2,000
DNR IDP	-	-	-	-
<b>Grand Total</b>	<b>\$269,000</b>	<b>\$32,000</b>	-	<b>\$301,000</b>

**Partner: National Wild Turkey Federation (NWTf)****Totals**

Item	Funding Request	Leverage	Leverage Source	Total
Personnel	\$5,000	-	-	\$5,000
Contracts	\$172,000	-	-	\$172,000
Fee Acquisition w/ PILT	-	-	-	-
Fee Acquisition w/o PILT	-	-	-	-
Easement Acquisition	-	-	-	-
Easement Stewardship	-	-	-	-
Travel	-	-	-	-
Professional Services	-	-	-	-
Direct Support Services	\$5,000	\$29,900	waived indirect	\$34,900
DNR Land Acquisition Costs	-	-	-	-
Capital Equipment	-	-	-	-
Other Equipment/Tools	-	-	-	-
Supplies/Materials	-	-	-	-
DNR IDP	-	-	-	-
<b>Grand Total</b>	<b>\$182,000</b>	<b>\$29,900</b>	<b>-</b>	<b>\$211,900</b>

**Personnel**

Position	Annual FTE	Years Working	Funding Request	Leverage	Leverage Source	Total
NWTF Staff	0.12	3.0	\$5,000	-	-	\$5,000



**Partner: Minnesota Land Trust (MLT)****Totals**

Item	Funding Request	Leverage	Leverage Source	Total
Personnel	\$131,000	-	-	\$131,000
Contracts	\$183,800	-	-	\$183,800
Fee Acquisition w/ PILT	-	-	-	-
Fee Acquisition w/o PILT	-	-	-	-
Easement Acquisition	\$690,000	\$140,000	Land owners	\$830,000
Easement Stewardship	\$120,000	-	-	\$120,000
Travel	\$8,300	-	-	\$8,300
Professional Services	\$78,000	-	-	\$78,000
Direct Support Services	\$35,800	-	-	\$35,800
DNR Land Acquisition Costs	-	-	-	-
Capital Equipment	-	-	-	-
Other Equipment/Tools	\$2,000	-	-	\$2,000
Supplies/Materials	\$18,100	-	-	\$18,100
DNR IDP	-	-	-	-
<b>Grand Total</b>	<b>\$1,267,000</b>	<b>\$140,000</b>	<b>-</b>	<b>\$1,407,000</b>

**Personnel**

Position	Annual FTE	Years Working	Funding Request	Leverage	Leverage Source	Total
MLT Staff	0.35	3.0	\$131,000	-	-	\$131,000

**Amount of Request:** \$2,573,000**Amount of Leverage:** \$269,900**Leverage as a percent of the Request:** 10.49%**DSS + Personnel:** \$330,800**As a % of the total request:** 12.86%**Easement Stewardship:** \$120,000**As a % of the Easement Acquisition:** 17.39%**How will this program accommodate the reduced appropriation recommendation from the original proposed requested amount?**

- 7 of 17 R/E parcels have been dropped until future funding can be secured
- 4 of 17 R/E parcels have reduced budgets while retaining full acreage
- 2 of 17 R/E parcels have been split into phases, with future requests for funding very likely
- Easement acquisition acreage has been reduced proportionally, including commensurate R/E of a portion the acquired acreage, with future requests for funding very likely
- All direct recipients have reduced budgets from 10-54%, with the two recipients with the largest allocations, GRG and MLT, absorbing the largest reductions

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

Secured cash from NWTF, Sherburne County/SWCD (\$23.6K); anticipated NWTF (\$10K), City of Blaine (\$15K) cash, for 4 R/E projects; conservative estimates for USFWS staff participation for private lands R/E, and full/partial landowner donation(s) of the easement(s) value; general operating support for unrealized indirect

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

Contracts are primarily for R/E service providers, both public and private easement parcels. Contracts will also include the writing of habitat management plans, and landowner outreach with SWCDs.

**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**

GRG: \$1,000 is budgeted for equipment rental such as mower and tractor; car rental is included for longer trips where rental contains costs.

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

ACD, Sherburne, NWTF: Not applicable. No travel expense declared.

**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?**

ACD: n/a; no DSS requested.

GRG: A DSS of 9% of personnel costs has been in use since ML 2014. This rate was recently reviewed by DNR, and deemed to be conservative.

MLT: In a process approved by DNR on March 17, 2017, Minnesota Land Trust determined our direct support services rate to

include all of the allowable direct and necessary expenditures that are not captured in other line items in the budget, which is similar

to the Land Trust's proposed federal indirect rate. We will apply this DNR-approved rate only to personnel expenses to determine the

total amount of direct support services.

NWTF: Completed application for a federal indirect expense rate; adjusted down to 3% of the direct funds

received.

ShSWCD: DSS is estimated at a conservative 1% of total grant award.

### **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?**

8/1/2019

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

Type	Wetland	Prairie	Forest	Habitat	Total Acres
Restore	0	5	0	10	15
Protect in Fee with State PILT Liability	0	0	0	0	0
Protect in Fee w/o State PILT Liability	0	0	0	0	0
Protect in Easement	0	0	0	210	210
Enhance	135	339	326	40	840
<b>Total</b>	<b>135</b>	<b>344</b>	<b>326</b>	<b>260</b>	<b>1,065</b>

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

Type	Native Prairie (acres)
Restore	0
Protect in Fee with State PILT Liability	0
Protect in Fee w/o State PILT Liability	0
Protect in Easement	0
Enhance	95
<b>Total</b>	<b>95</b>

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

Type	Wetland	Prairie	Forest	Habitat	Total Funding
Restore	-	\$15,000	-	\$37,500	\$52,500
Protect in Fee with State PILT Liability	-	-	-	-	-
Protect in Fee w/o State PILT Liability	-	-	-	-	-
Protect in Easement	-	-	-	\$1,064,300	\$1,064,300
Enhance	\$211,000	\$719,000	\$376,000	\$150,200	\$1,456,200
<b>Total</b>	<b>\$211,000</b>	<b>\$734,000</b>	<b>\$376,000</b>	<b>\$1,252,000</b>	<b>\$2,573,000</b>

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

Type	Metro/Urban	Forest/Prairie	SE Forest	Prairie	N. Forest	Total Acres
Restore	5	5	0	0	5	15
Protect in Fee with State PILT Liability	0	0	0	0	0	0
Protect in Fee w/o State PILT Liability	0	0	0	0	0	0
Protect in Easement	105	105	0	0	0	210
Enhance	393	447	0	0	0	840
<b>Total</b>	<b>503</b>	<b>557</b>	<b>0</b>	<b>0</b>	<b>5</b>	<b>1,065</b>

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

Type	Metro/Urban	Forest/Prairie	SE Forest	Prairie	N. Forest	Total Funding
Restore	\$18,800	\$18,700	-	-	\$15,000	\$52,500
Protect in Fee with State PILT Liability	-	-	-	-	-	-
Protect in Fee w/o State PILT Liability	-	-	-	-	-	-
Protect in Easement	\$532,200	\$532,100	-	-	-	\$1,064,300
Enhance	\$779,100	\$677,100	-	-	-	\$1,456,200
<b>Total</b>	<b>\$1,330,100</b>	<b>\$1,227,900</b>	<b>-</b>	<b>-</b>	<b>\$15,000</b>	<b>\$2,573,000</b>

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

Type	Wetland	Prairie	Forest	Habitat
Restore	-	\$3,000	-	\$3,750
Protect in Fee with State PILT Liability	-	-	-	-
Protect in Fee w/o State PILT Liability	-	-	-	-
Protect in Easement	-	-	-	\$5,068
Enhance	\$1,562	\$2,120	\$1,153	\$3,755

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

Type	Metro/Urban	Forest/Prairie	SE Forest	Prairie	N. Forest
Restore	\$3,760	\$3,740	-	-	\$3,000
Protect in Fee with State PILT Liability	-	-	-	-	-
Protect in Fee w/o State PILT Liability	-	-	-	-	-
Protect in Easement	\$5,068	\$5,067	-	-	-
Enhance	\$1,982	\$1,514	-	-	-

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

## Parcels

### Parcel Information

#### Sign-up Criteria?

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

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

Word Count: 0 out of 250

### Restore / Enhance Parcels

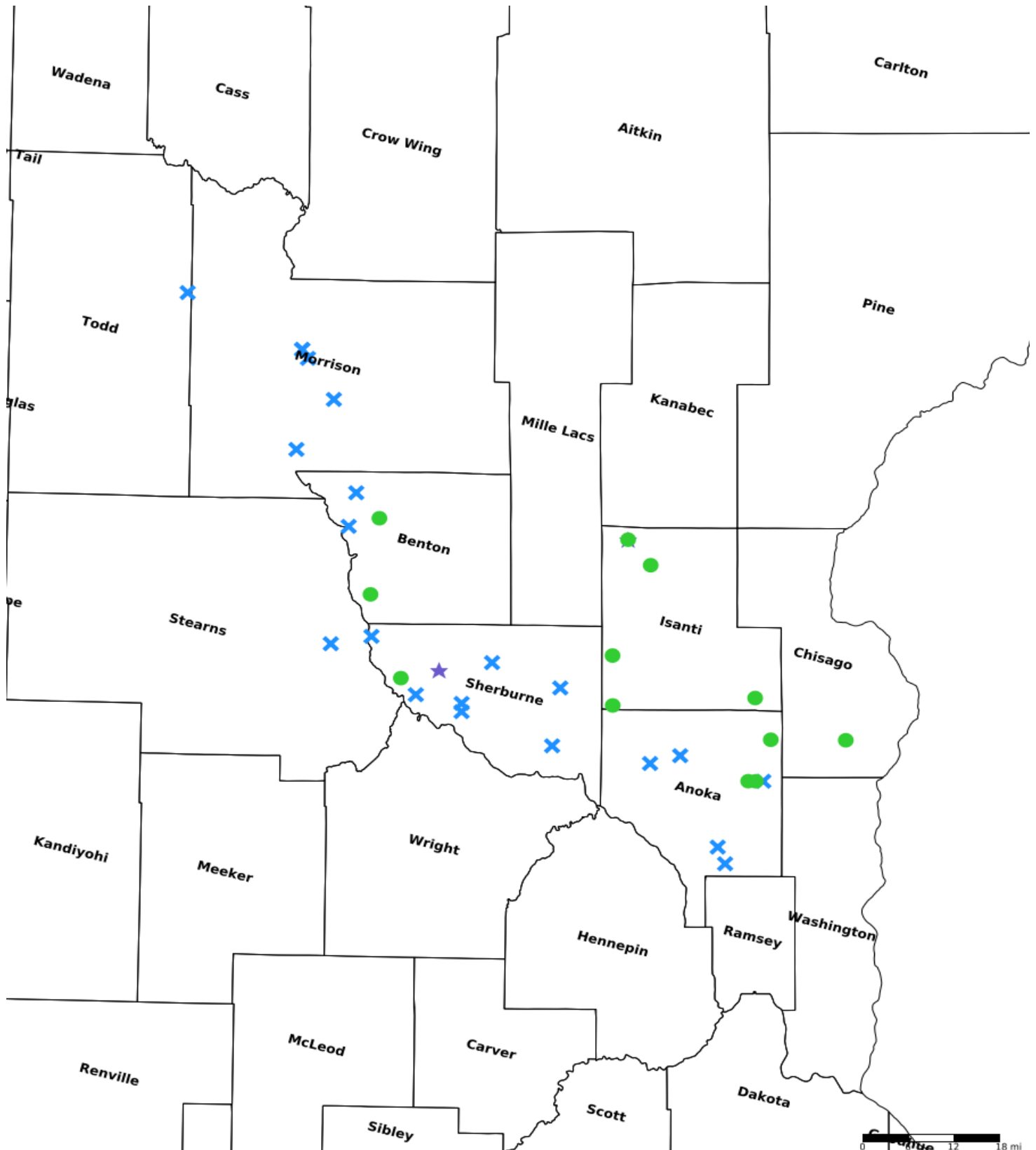
Name	County	TRDS	Acres	Est Cost	Existing Protection	Description
GRG - Blaine Wetland Sanctuary S, Phase 2	Anoka	03123215	67	\$139,200	Yes	GRG: inv shrub removal, rx
MLT - Robert and Marilyn Burman WMA	Anoka	03324230	4	\$5,000	Yes	oak savanna, prairie, w meadow invasive species control.
ACD - Robert and Marilyn Burman WMA	Anoka	03324223	89	\$96,000	Yes	oak savanna, prairie, w meadow inv spp control
GRG - Carlos Avery Phase 4	Anoka	03222203	34	\$70,300	Yes	Enhancement of 22 acres of high quality forest via invasive shrub control, and light thinning.
ACD - Blaine Preserve SNA	Anoka	03123226	53	\$60,000	Yes	ACD: shallow basin peat wetland: woody and herb inv control, rx burning, rare species monitoring
GRG - Bend in the River	Benton	03731204	30	\$106,000	Yes	Dry prairie enhancement to complete a large block of prairie habitat on the Mississippi River corridor
NWTF - Sartell WMA	Benton	03831215	96	\$78,000	Yes	NWTF: 5 of 6 WMA Woodland Rx burns
MLT - BV Wendberg	Isanti	03725210	5	\$15,000	Yes	Prairie restoration into agricultural fields
NWTF - Ereaux WMA	Morrison	04132224	84	\$68,000	Yes	6 of 6 WMA Woodland Rx burns
NWTF - McDougall WMA	Morrison	03932220	44	\$36,000	Yes	NWTF: 1 of 6 WMA Woodland Rx burns. Total cost for 6.
GRG - Belle Praire 2	Morrison	04132214	10	\$36,000	Yes	Archaeological survey, blended funding with ASP 7
GRG - Belle Prairie Corrective Actions	Morrison	04132214	0	\$34,300	Yes	Woody invasive removal in oak savanna and prairie habitats; prescribed fire; prairie restoration.
GRG - Crane Meadows NWR Phase 1	Morrison	04031219	108	\$160,000	Yes	GRG: prairie interseeding
MLT - Big Elk Lake Park	Sherburne	03529233	52	\$48,000	Yes	Prairie restoration into ag fields
MLT - Niziolek	Sherburne	03327213	5	\$12,500	Yes	Wetland enhancement via woody removal
SSWCD - Oak Savanna Park	Sherburne	03429224	96	\$269,000	Yes	Sherburne: woodland and grassland rx burn, inv spp: Sand prairie, fds37, fpn73a
GRG - Freemont WMA	Sherburne	03426207	28	\$54,000	Yes	GRG: woodland and

						grassland rx burn, inv spp: Sand prairie, fds37, fpn73a
MLT - Oak Savanna Park	Sherburne	03429225	13	\$45,000	Yes	Oak woodland enhancement
GRG - Clearview Elementary School Forest	Sherburne	03430213	18	\$35,300	Yes	Pollinator habitat through conifer removal, thinning followed by pollinator shrub and forb planting
GRG - Talahi Woods	Sherburne	03531212	23	\$93,600	Yes	Enhancement of 23 acres of oak savanna through woody invasive species control, prescribed fire, seeding and planting.
GRG - Santiago WMA	Sherburne	03528227	40	\$85,000	Yes	GRG: invasive woody control, fds37, savanna
GRG - Quarry Park SNA Phase 1	Stearns	12428230	6	\$36,800	Yes	GRG: inv control, rx burn, collect/sow seed
NWTF - Ruff-Nik	Todd	13132225	200	\$79,700	Yes	Enhancement of 200 acres of forest through woody invasive species control.

### Easement Parcels

Name	County	TRDS	Acres	Est Cost	Existing Protection
MLT - Sunrise River 3	Anoka	03222204	48	\$175,000	No
MLT - Sunrise River	Anoka	03322211	80	\$0	No
MLT - Sunrise River (Gaffney)	Anoka	03222205	36	\$111,000	No
MLT - Pull Meadow	Benton	03631213	149	\$390,000	No
MLT - Little Rock Lake	Benton	03830231	120	\$300,000	No
MLT - Kroon Lake	Chisago	03320209	17	\$100,000	No
MLT - Tennyson Lake 3	Isanti	03525220	82	\$30,000	No
MLT - Barrett Hill (Barrett Farm LLC)	Isanti	03425220	86	\$101,500	No
MLT - Twin Lakes (Johnson)	Isanti	03422216	42	\$0	No
MLT - Stanchfield Creek 2	Isanti	03725210	40	\$100,000	No
MLT - Stanchfield Creek (Wing)	Isanti	03724230	234	\$128,000	No
MLT - Pickerel Lake (Imholte, Harold)	Sherburne	03430203	47	\$350,000	No

## Parcel Map



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

0 6 12 18 mi