

Lessard-Sams Outdoor Heritage Council Laws of Minnesota 2019 Accomplishment Plan

Date: October 15, 2018

Program or Project Title: Anoka Sand Plain Habitat Conservation - Phase VI

Funds Recommended: \$ 2,573,000

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Legislative Citation: ML 2019, Ch. X, Art. 1, Sec. 2, subd. X(x)

Appropriation Language:

County Locations: Anoka, Benton, Morrison, Sherburne, and Stearns.

Eco regions in which work will take place:

- Forest / Prairie Transition
- Metro / Urban

Activity types:

- Enhance
- Protect in Easement
- Restore

Priority resources addressed by activity:

- Forest
- Habitat
- Prairie
- Wetlands

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 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:

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 the science based planning and evaluation model used:

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 sections of the Minnesota Statewide Conservation and Preservation Plan are applicable to this program:

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

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:

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

Relationship to other funds:

- Environmental and Natural Resource Trust Fund
- Clean Water Fund

Describe the relationship of the funds:

Although the ASP Partnership uses and pursues funds available through Environmental and Natural Resources Trust Fund and Clean Water Fund to achieve its goals in the Anoka Sand Plain, none of those funds are being currently accessed to address the habitat restoration and enhancement needs proposed here. GRG has however included the Quarry Park SNA in its ML 2019 Trust Fund proposal as well as here as the site and activities fit the goals of both proposals; GRG is committed to reporting transparency should the funding be blended.

This proposal to LSOHC for Outdoor Heritage Fund support does not supplant any other sources of funds. In all cases, this proposal and the projects to be completed accelerate regional habitat work in the Anoka Sand Plain.

Does this program include leverage in funds:

Yes

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, 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:

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.

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

Appropriation Year	Source	Amount
2007	Moen Management LLC for Moen Wetland Bank, now Blaine Preserve SNA	350000
various	Blaine Wetland Sanctuary: City of Blaine Open Space Referendum; Park Dedication Fees; City Tax Levy	900000
2017	Oak Savanna Park: Sherburne County, cash and in-kind	39000
2017	Oak Savanna Park: BWSR Enhanced Capacity via ShSWCD	20000
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.

Explain the things you will do in the future 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	Rxburning	Spot treatment
G R G - 2025, 2028, 2030	City of Blaine	Rare species monitor	Rxburning	Spot treatment
G R G - 2025, 2028, 2030, 2040	DNR in-kind	Rare species monitor	Rxburning	Spot treatment
G R G - 2025, 2028, 2030	G R G	Monitor	Spot treatment	
G R G - 2025, 2028, 2030	USFWS in-kind	Prescribed burn	Interseeding	Spot treatment
NWTF - 2025, 2030	DNR in-kind	Prescribed burn		

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

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.

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 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.

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

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, Permanently Protected Conservation Easements County/Municipal, Refuge Lands)**

Accomplishment Timeline:

Activity	Approximate Date Completed
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
GRC: Fecon Aspen and Cottonwoods	3/1/2019
GRC: Prescribed fire	6/1/2019
GRC: Interseeding of forbs and grasses	6/1/2019
GRC: Plans completed across all sites that do not have an existing plan	7/1/2020
GRC: 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
GRC: 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: 11/1/2024

Federal Funding:

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**

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.*

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

- 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

Total Amount of Request: \$ 2573000

Budget and Cash Leverage

BudgetName	LSOHC Request	Anticipated Leverage	Leverage Source	Total
Personnel	\$281,000	\$66,000	Sherburne SWCD, City of Blaine, GRG, NWTF, ACD, NWTF	\$347,000
Contracts	\$1,232,000	\$46,000	Sherburne County Parks, NWTF, ACD, NWTF	\$1,278,000
Fee Acquisition w/ PILT	\$0	\$0		\$0
Fee Acquisition w/o PILT	\$0	\$0		\$0
Easement Acquisition	\$700,000	\$140,000	Land owners	\$840,000
Easement Stewardship	\$144,000	\$0		\$144,000
Travel	\$14,000	\$0		\$14,000
Professional Services	\$88,000	\$0		\$88,000
Direct Support Services	\$43,000	\$29,900	waived indirect	\$72,900
DNR Land Acquisition Costs	\$0	\$0		\$0
Capital Equipment	\$0	\$0		\$0
Other Equipment/Tools	\$6,000	\$0		\$6,000
Supplies/Materials	\$65,000	\$6,000	Sherburne SWCD, ACD, NWTF	\$71,000
DNR IDP	\$0	\$0		\$0
Total	\$2,573,000	\$287,900		\$2,860,900

Personnel

Position	FTE	Over # of years	LSOHC Request	Anticipated Leverage	Leverage Source	Total
Sherburne SWCD Staff	0.06	3.00	\$18,000	\$18,000	Sherburne SWCD	\$36,000
NWTF Staff	0.12	3.00	\$5,000	\$0		\$5,000
ACD Staff	0.43	3.00	\$85,000	\$12,000	ACD, NWTF	\$97,000
MLT Staff	0.35	3.00	\$108,000	\$0		\$108,000
GRG Staff	0.42	3.00	\$65,000	\$36,000	City of Blaine, GRG, NWTF	\$101,000
Total	1.38	15.00	\$281,000	\$66,000		\$347,000

Budget and Cash Leverage by Partnership

BudgetName	Partnership	LSOHC Request	Anticipated Leverage	Leverage Source	Total
Personnel	Sherburne SWCD	\$18,000	\$18,000	Sherburne SWCD	\$36,000
Contracts	Sherburne SWCD	\$248,000	\$30,000	Sherburne County Parks	\$278,000
Fee Acquisition w/ PILT	Sherburne SWCD	\$0	\$0		\$0
Fee Acquisition w/o PILT	Sherburne SWCD	\$0	\$0		\$0
Easement Acquisition	Sherburne SWCD	\$0	\$0		\$0
Easement Stewardship	Sherburne SWCD	\$0	\$0		\$0
Travel	Sherburne SWCD	\$0	\$0		\$0
Professional Services	Sherburne SWCD	\$0	\$0		\$0
Direct Support Services	Sherburne SWCD	\$3,000	\$0		\$3,000
DNR Land Acquisition Costs	Sherburne SWCD	\$0	\$0		\$0
Capital Equipment	Sherburne SWCD	\$0	\$0		\$0
Other Equipment/Tools	Sherburne SWCD	\$0	\$0		\$0
Supplies/Materials	Sherburne SWCD	\$0	\$2,000	Sherburne SWCD	\$2,000
DNR IDP	Sherburne SWCD	\$0	\$0		\$0
Total		\$269,000	\$50,000		\$319,000

Personnel - Sherburne SWCD

Position	FTE	Over # of years	LSOHC Request	Anticipated Leverage	Leverage Source	Total
Sherburne SWCD Staff	0.06	3.00	\$18,000	\$18,000	Sherburne SWCD	\$36,000
Total	0.06	3.00	\$18,000	\$18,000		\$36,000

BudgetName	Partnership	LSOHC Request	Anticipated Leverage	Leverage Source	Total
Personnel	National Wild Turkey Federation (NWTF)	\$5,000	\$0		\$5,000
Contracts	National Wild Turkey Federation (NWTF)	\$172,000	\$0		\$172,000
Fee Acquisition w/ PILT	National Wild Turkey Federation (NWTF)	\$0	\$0		\$0
Fee Acquisition w/o PILT	National Wild Turkey Federation (NWTF)	\$0	\$0		\$0
Easement Acquisition	National Wild Turkey Federation (NWTF)	\$0	\$0		\$0
Easement Stewardship	National Wild Turkey Federation (NWTF)	\$0	\$0		\$0
Travel	National Wild Turkey Federation (NWTF)	\$0	\$0		\$0
Professional Services	National Wild Turkey Federation (NWTF)	\$0	\$0		\$0
Direct Support Services	National Wild Turkey Federation (NWTF)	\$5,000	\$29,900	waived indirect	\$34,900
DNR Land Acquisition Costs	National Wild Turkey Federation (NWTF)	\$0	\$0		\$0
Capital Equipment	National Wild Turkey Federation (NWTF)	\$0	\$0		\$0
Other Equipment/Tools	National Wild Turkey Federation (NWTF)	\$0	\$0		\$0
Supplies/Materials	National Wild Turkey Federation (NWTF)	\$0	\$0		\$0
DNR IDP	National Wild Turkey Federation (NWTF)	\$0	\$0		\$0
Total		\$182,000	\$29,900		\$211,900

Personnel - National Wild Turkey Federation (NWTF)

Position	FTE	Over # of years	LSOHC Request	Anticipated Leverage	Leverage Source	Total
NWTF Staff	0.12	3.00	\$5,000	\$0		\$5,000
Total	0.12	3.00	\$5,000	\$0		\$5,000

BudgetName	Partnership	LSOHC Request	Anticipated Leverage	Leverage Source	Total
Personnel	Anoka Conservation District	\$85,000	\$12,000	ACD, NWTF	\$97,000
Contracts	Anoka Conservation District	\$49,000	\$6,000	ACD, NWTF	\$55,000
Fee Acquisition w/ PILT	Anoka Conservation District	\$0	\$0		\$0
Fee Acquisition w/o PILT	Anoka Conservation District	\$0	\$0		\$0
Easement Acquisition	Anoka Conservation District	\$0	\$0		\$0
Easement Stewardship	Anoka Conservation District	\$0	\$0		\$0
Travel	Anoka Conservation District	\$0	\$0		\$0
Professional Services	Anoka Conservation District	\$0	\$0		\$0
Direct Support Services	Anoka Conservation District	\$0	\$0		\$0
DNR Land Acquisition Costs	Anoka Conservation District	\$0	\$0		\$0
Capital Equipment	Anoka Conservation District	\$0	\$0		\$0
Other Equipment/Tools	Anoka Conservation District	\$0	\$0		\$0
Supplies/Materials	Anoka Conservation District	\$22,000	\$4,000	ACD, NWTF	\$26,000
DNR IDP	Anoka Conservation District	\$0	\$0		\$0
Total		\$156,000	\$22,000		\$178,000

Personnel - Anoka Conservation District

Position	FTE	Over # of years	LSOHC Request	Anticipated Leverage	Leverage Source	Total
ACD Staff	0.43	3.00	\$85,000	\$12,000	ACD, NWTF	\$97,000
Total	0.43	3.00	\$85,000	\$12,000		\$97,000

BudgetName	Partnership	LSOHC Request	Anticipated Leverage	Leverage Source	Total
Personnel	Minnesota Land Trust (MLT)	\$108,000	\$0		\$108,000
Contracts	Minnesota Land Trust (MLT)	\$186,000	\$0		\$186,000
Fee Acquisition w/ PILT	Minnesota Land Trust (MLT)	\$0	\$0		\$0
Fee Acquisition w/o PILT	Minnesota Land Trust (MLT)	\$0	\$0		\$0
Easement Acquisition	Minnesota Land Trust (MLT)	\$700,000	\$140,000	Land owners	\$840,000
Easement Stewardship	Minnesota Land Trust (MLT)	\$144,000	\$0		\$144,000
Travel	Minnesota Land Trust (MLT)	\$9,000	\$0		\$9,000
Professional Services	Minnesota Land Trust (MLT)	\$88,000	\$0		\$88,000
Direct Support Services	Minnesota Land Trust (MLT)	\$29,000	\$0		\$29,000
DNR Land Acquisition Costs	Minnesota Land Trust (MLT)	\$0	\$0		\$0
Capital Equipment	Minnesota Land Trust (MLT)	\$0	\$0		\$0
Other Equipment/Tools	Minnesota Land Trust (MLT)	\$2,000	\$0		\$2,000
Supplies/Materials	Minnesota Land Trust (MLT)	\$1,000	\$0		\$1,000
DNR IDP	Minnesota Land Trust (MLT)	\$0	\$0		\$0
Total		\$1,267,000	\$140,000		\$1,407,000

Personnel - Minnesota Land Trust (MLT)

Position	FTE	Over # of years	LSOHC Request	Anticipated Leverage	Leverage Source	Total
MLT Staff	0.35	3.00	\$108,000	\$0		\$108,000
Total	0.35	3.00	\$108,000	\$0		\$108,000

BudgetName	Partnership	LSOHC Request	Anticipated Leverage	Leverage Source	Total
Personnel	Great River Greening	\$65,000	\$36,000	City of Blaine, GRG, NWTF	\$101,000
Contracts	Great River Greening	\$577,000	\$10,000	NWTF	\$587,000
Fee Acquisition w/ PILT	Great River Greening	\$0	\$0		\$0
Fee Acquisition w/o PILT	Great River Greening	\$0	\$0		\$0
Easement Acquisition	Great River Greening	\$0	\$0		\$0
Easement Stewardship	Great River Greening	\$0	\$0		\$0
Travel	Great River Greening	\$5,000	\$0		\$5,000
Professional Services	Great River Greening	\$0	\$0		\$0
Direct Support Services	Great River Greening	\$6,000	\$0		\$6,000
DNR Land Acquisition Costs	Great River Greening	\$0	\$0		\$0
Capital Equipment	Great River Greening	\$0	\$0		\$0
Other Equipment/Tools	Great River Greening	\$4,000	\$0		\$4,000
Supplies/Materials	Great River Greening	\$42,000	\$0		\$42,000
DNR IDP	Great River Greening	\$0	\$0		\$0
Total		\$699,000	\$46,000		\$745,000

Personnel - Great River Greening

Position	FTE	Over # of years	LSOHC Request	Anticipated Leverage	Leverage Source	Total
GRG Staff	0.42	3.00	\$65,000	\$36,000	City of Blaine, GRG, NWTF	\$101,000
Total	0.42	3.00	\$65,000	\$36,000		\$101,000

Amount of Request: \$2,573,000

Amount of Leverage: \$287,900

Leverage as a percent of the Request: 11.19%

DSS + Personnel: \$324,000

As a % of the total request: 12.59%

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.

What is included in the contacts 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.

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.

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

What is the 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.

Output Tables

Table 1a. Acres by Resource Type

Type	Wetlands	Prairies	Forest	Habitats	Total
Restore	0	0	0	10	10
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
Total	135	339	326	260	1,060

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	95
Total	95

Table 2. Total Funding by Resource Type

Type	Wetlands	Prairies	Forest	Habitats	Total
Restore	\$0	\$0	\$0	\$38,000	\$38,000
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	\$1,079,000	\$1,079,000
Enhance	\$211,000	\$719,000	\$376,000	\$150,000	\$1,456,000
Total	\$211,000	\$719,000	\$376,000	\$1,267,000	\$2,573,000

Table 3. Acres within each Ecological Section

Type	Metro Urban	ForestPrairie	SE Forest	Prairie	N Forest	Total
Restore	5	5	0	0	0	10
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
Total	503	557	0	0	0	1,060

Table 4. Total Funding within each Ecological Section

Type	Metro Urban	ForestPrairie	SE Forest	Prairie	N Forest	Total
Restore	\$19,000	\$19,000	\$0	\$0	\$0	\$38,000
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	\$540,000	\$539,000	\$0	\$0	\$0	\$1,079,000
Enhance	\$779,000	\$677,000	\$0	\$0	\$0	\$1,456,000
Total	\$1,338,000	\$1,235,000	\$0	\$0	\$0	\$2,573,000

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	\$0	\$0	\$0
Protect in Fee W/O State PILT Liability	\$0	\$0	\$0	\$0
Protect in Easement	\$0	\$0	\$0	\$5138
Enhance	\$1563	\$2121	\$1153	\$3750

Table 6. Average Cost per Acre by Ecological Section

Type	Metro/Urban	Forest/Prairie	SE Forest	Prairie	Northern Forest
Restore	\$3800	\$3800	\$0	\$0	\$0
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	\$5143	\$5133	\$0	\$0	\$0
Enhance	\$1982	\$1515	\$0	\$0	\$0

Automatic system calculation / not entered by managers

Target Lake/Stream/River Feet or Miles

0

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

Anoka

Name	TRDS	Acres	Est Cost	Existing Protection?
Blaine Preserve SNA	03123226	53	\$60,000	Yes
Blaine Wetland Sanctuary S, Phase II	03123215	67	\$140,000	Yes
Robert and Marilyn Burman WMA	03324223	89	\$96,000	Yes

Benton

Name	TRDS	Acres	Est Cost	Existing Protection?
Sartell WMA	03831215	96	\$78,000	Yes

Morrison

Name	TRDS	Acres	Est Cost	Existing Protection?
Crane Meadows NWR Phase I	04031219	108	\$160,000	Yes
Ereaux WMA	04132224	84	\$68,000	Yes
McDougall WMA	03932220	44	\$36,000	Yes

Sherburne

Name	TRDS	Acres	Est Cost	Existing Protection?
Freemont WMA	03426207	28	\$54,000	Yes
Oak Savanna Park	03429224	96	\$269,000	Yes
Santiago WMA	03528227	40	\$85,000	Yes

Stearns

Name	TRDS	Acres	Est Cost	Existing Protection?
Quarry Park SNA Phase I	12428230	95	\$260,000	Yes

Section 2 - Protect Parcel List

No parcels with an activity type protect.

Section 2a - Protect Parcel with Bldgs

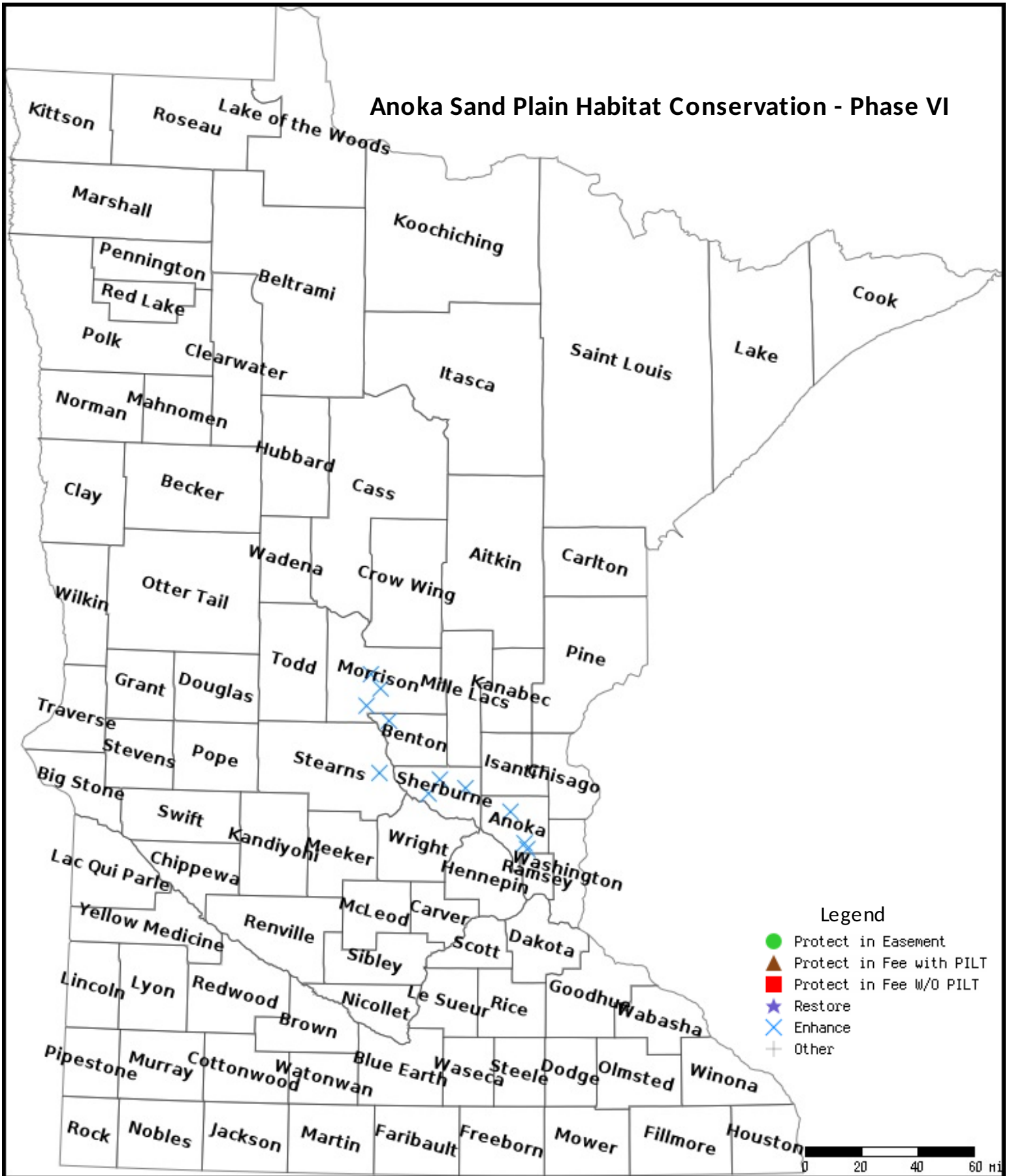
No parcels with an activity type protect and has buildings.

Section 3 - Other Parcel Activity

No parcels with an other activity type.

Parcel Map

Anoka Sand Plain Habitat Conservation - Phase VI



Data Generated From Parcel List

Lessard-Sams Outdoor Heritage Council Comparison Report

Program Title: 2019 - Anoka Sand Plain Habitat Conservation - Phase VI

Organization: Great River Greening

Manager: Wiley Buck

Budget

Requested Amount: \$5,181,000

Appropriated Amount: \$2,573,000

Percentage: 49.66%

Budget Item	Total Requested		Total Appropriated		Percentage of Request	
	LSOHC Request	Anticipated Leverage	Appropriated Amount	Anticipated Leverage	Percentage of Request	Percentage of Leverage
Personnel	\$524,000	\$99,000	\$281,000	\$66,000	53.63%	66.67%
Contracts	\$2,418,000	\$43,000	\$1,232,000	\$46,000	50.95%	106.98%
Fee Acquisition w/ PILT	\$0	\$0	\$0	\$0	-	-
Fee Acquisition w/o PILT	\$0	\$0	\$0	\$0	-	-
Easement Acquisition	\$1,600,000	\$400,000	\$700,000	\$140,000	43.75%	35.00%
Easement Stewardship	\$240,000	\$0	\$144,000	\$0	60.00%	-
Travel	\$20,000	\$0	\$14,000	\$0	70.00%	-
Professional Services	\$172,000	\$0	\$88,000	\$0	51.16%	-
Direct Support Services	\$85,000	\$51,000	\$43,000	\$29,900	50.59%	58.63%
DNR Land Acquisition Costs	\$0	\$0	\$0	\$0	-	-
Capital Equipment	\$0	\$0	\$0	\$0	-	-
Other Equipment/Tools	\$8,000	\$0	\$6,000	\$0	75.00%	-
Supplies/Materials	\$114,000	\$32,000	\$65,000	\$6,000	57.02%	18.75%
DNR IDP	\$0	\$0	\$0	\$0	-	-
Total	\$5,181,000	\$625,000	\$2,573,000	\$287,900	49.66%	46.06%

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

Output

Table 1a. Acres by Resource Type

Type	Total Proposed	Total in AP	Percentage of Proposed
Restore	40	10	25.00%
Protect in Fee with State PILT Liability	0	0	-
Protect in Fee W/O State PILT Liability	0	0	-
Protect in Easement	500	210	42.00%
Enhance	1,788	840	46.98%

Table 2. Total Funding by Resource Type

Type	Total Proposed	Total in AP	Percentage of Proposed
Restore	120,000	38,000	31.67%
Protect in Fee with State PILT Liability	0	0	-
Protect in Fee W/O State PILT Liability	0	0	-
Protect in Easement	2,260,000	1,079,000	47.74%
Enhance	2,801,000	1,456,000	51.98%

Table 3. Acres within each Ecological Section

Type	Total Proposed	Total in AP	Percentage of Proposed
Restore	40	10	25.00%
Protect in Fee with State PILT Liability	0	0	-
Protect in Fee W/O State PILT Liability	0	0	-
Protect in Easement	500	210	42.00%
Enhance	1,788	840	46.98%

Table 4. Total Funding within each Ecological Section

Type	Total Proposed	Total in AP	Percentage of Proposed
Restore	120,000	38,000	31.67%
Protect in Fee with State PILT Liability	0	0	-
Protect in Fee W/O State PILT Liability	0	0	-
Protect in Easement	2,260,000	1,079,000	47.74%
Enhance	2,801,000	1,456,000	51.98%