

Lessard-Sams Outdoor Heritage Council

Laws of Minnesota 2012 Accomplishment Plan



Date: August 09, 2016

Program or Project Title: Anoka Sand Plain Habitat Restoration and Enhancement , Phase II

Funds Recommended: \$ 1,050,000

Manager's Name: Wiley Buck
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Legislative Citation: ML 2012, Ch. 264, Art. 1, Sec. 2, Subd. 2(i)

Appropriation Language: \$1,050,000 in the second year is to the commissioner of natural resources for agreements to restore and enhance habitat on public lands in the Anoka Sand Plain and along the Rum River as follows: \$558,750 to Great River Greening; \$99,400 to the Anoka Conservation District; and \$391,850 to the National Wild Turkey Federation. A list of proposed restorations and enhancements must be provided as part of the required accomplishment plan.

County Locations: Anoka, Benton, Chisago, Isanti, Morrison, and Sherburne.

Regions in which work will take place:

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

Activity types:

- Enhance
- Restore

Priority resources addressed by activity:

- Forest
- Prairie
- Wetlands

Abstract:

The Anoka Sandplain Partnership will restore and enhance 1,352 acres of priority wildlife habitat within the Sandplain and along the Rum River in the east-central Minnesota.

Design and scope of work:

Urgency and Opportunity: Problems Addressed Through this Program

The ASP Habitat Partnership recognizes that a multi-pronged conservation approach of protection (fee simple and easement), restoration and enhancement of public and private lands, and education/outreach is required to significantly advance and build support for conservation of these imperiled habitats. Collectively, we are working toward that goal. In this proposal, the Partnership will make significant gains to reverse the following trends:

1. Native habitats have become rare and continue to be lost. Oak savanna and prairie habitat now persist over <1% of their historic range in the state, making them the two most imperiled ecological systems in Minnesota. Oak woodland and white pine forests have also diminished. Due to its proximity to the Twin Cities, the ASP is among the fastest growing areas of the state, placing significant pressures on what remains.

2. Degradation of habitats on public lands threatens associated wildlife populations. Encroachment of exotic and woody species, loss or an imbalance in natural processes (fire, etc.), and other factors have had profound impacts on wildlife in the ASP; some 97 Species of Greatest Conservation Need (SGCN) occur in the region. Remaining high quality habitat is insufficient to support robust game and non-game populations.

3. State, federal and local government agencies often lack sufficient capacity and resources for managing important public lands. Obligations over time of local, state and federal land management agencies are well above current funding levels, resulting in declines in important wildlife habitat. As habitat declines in quality, restoration/enhancement costs rise markedly. This program will address restoration/enhancement actions at sites deemed most urgent, and bring them to a position where they can be managed effectively and efficiently within existing funding streams.

Scope of Work

With the requested funding, and with other funds leveraged by this money and brought by other partners, the following actions and outcomes will be realized:

1. Anoka Sandplain Partnership will expand its ongoing restoration and enhancement efforts to 9 new project areas on public lands and in public waters.
2. An estimated 1,352 acres of oak savanna, prairie, forest and wetland habitat will be restored or enhanced across priority public lands and waters managed for wildlife and their natural resources. Sites include 3 state WMAs, 2 state SNAs, 1 county park, 1 national wildlife refuge, 1 city nature reserve, and the public waters of the Rum River.
3. Wild rice will be restored to an estimated 100 acres of public waters along the Rum River, a state-designated wild and scenic river, and its tributaries within the Rum River watershed for the benefit of a wide array of wildlife species. Restoration will occur in public waters (often backwaters and oxbows) associated with the river and wetland features across the watershed.
4. Contracts will be let to vendors to perform much of the on-the-ground restoration and enhancement work conducted on public lands and in public waters. Activities will include woody invasive species removal, exotic species control, prescribed fire, seeding/planting, and other associated activities. These contracts will provide jobs to an array of local businesses.
5. Where possible and practical, projects will incorporate volunteer events and other mechanisms to connect local communities, sportsman's clubs, and other groups with these important lands and waters.
6. Project management and administrative responsibilities will be handled by respective grant recipients, ensuring ecologically sound, science-based practices and results.

How Priorities are Set

The ASP Partnership uses several existing priority-setting efforts that, in line with its goals, serve to highlight areas of greatest need for conservation action. We have used MCBS Sites of Biodiversity Significance, Regionally Ecological Significant Areas (RESA), and Habitat Corridors (all developed by the MN DNR) to define priorities at the regional scale. Weighting factors as detailed below are used to define priorities:

1. Presence of high quality ecological system(s) and/or concentration of SGCN/T&E species – indicators of the long-term viability and conservation efficiency. Weighting = High;
2. Size of habitat block or managed area – one indicator of long-term viability. Weighting = High;
3. Occurrence within DNR mapped habitat corridors – an indicator of potential for restoring/conserving habitat connectivity between protected areas. Weighting = Moderate;
4. Multiple conservation benefits to both game and non-game species and other natural resources – an indicator of conservation efficiency. Weighting = Moderate;
5. Immediacy of need/action as determined by Minnesota County Biological Survey and other sources – an indicator of conservation

urgency. Weighting = High.;

6. Ability to effectively manage lands over the long term through established means – an indicator of conservation capability of potential partner. Weighting = High.

When considering projects for restoration and enhancement action, we consider the additional following criteria: likelihood of long-term success, cost, feasibility, and long-term benefit to wildlife.

Wild rice restoration priorities along the Rum River will be set in line with the following criteria:

- Presence of preferred ecological requirements for long-term persistence;
- Buy-in from adjacent private landowners

What Habitat will be Affected?; How will the Proposed Actions Directly Restore, Enhance and/or Protect Prairies, Wetlands, Forests or Habitat? Restoration and enhancement work will be completed on the following projects. These projects are listed under respective lead organizations/agencies and include:

Tier 1 Projects

Anoka Conservation District

A. Anoka Nature Preserve (Anoka County)

The Anoka Nature Preserve is a 200-acre parcel with over a mile of frontage on the Wild and Scenic Rum River in the City of Anoka. The Anoka Conservation District holds a conservation easement on the park.

Actions: Enhancement of 130 acres of oak woodland habitat through woody invasive species management (principally buckthorn).

River Greening

B. Carlos Avery WMA (Anoka County)

This 25,000-acre WMA is the largest in the Twin Cities Metro Area and is one of the iconic WMAs in the state of Minnesota. The site is composed principally of wetlands and oak woodland and savanna.

Actions: Enhancement work will be completed at two locations within the WMA characterized as high to outstanding quality; 200 acres of woody invasive species will be controlled at these locations.

C. Twin Lakes SNA (Isanti County)

This 50-acre Scientific and Natural Area protects a high quality white pine-hardwood forest remnant on the shores of Horseshoe Lake.

Actions :White pine-hardwood forest restoration will take place over 3 acres of agricultural field, complemented by woody invasive species management over 47 acres of mature forest.

D. Rice Lake SNA (Sherburne County)

Rice Lake Savanna SNA contains important examples of oak savanna and oak woodland habitat. A first phase of enhancement and restoration work was funded by the OHF in 2010; this funding concludes enhancement work at the site.

Actions: Woody invasive species control and prescribed burning will take place over 23 acres of the site.

E. Belle Prairie County Park (Morrison County)

The 143-acre park flanks the east bank of the Mississippi River, and is a site of statewide high biodiversity significance containing prairie, oak savanna, and oak woodland.

Actions: Enhancement of 35 acres of oak savanna and prairie habitat through woody invasive species control, prescribed fire; restoration of 4 acres of native prairie.

F. Wild Rice Restoration Program – Rum River (Mille Lacs, Isanti & Anoka counties)

Wild rice is used by a diverse array of wildlife species and is under-utilized as a restoration tool. Nowhere is wild rice as important a resource for wildlife as in Minnesota, and the Rum River watershed was historically at the center of its range.

Actions: As an initial phase of this project, partners will restore 100 acres of wild rice to public waters along the Rum River (backwaters, oxbows) and wetlands across the watershed.

G. Allemansratt Wilderness Park (Chisago County)

This 125-acre park showcases glacial eskers and ephemeral wetlands, a high quality oak forest and diverse wildlife.

Actions: Enhancement of 23 acres of forest habitat and 0.19 acres of shoreline through invasive species control.

Wild Turkey Federation

H. Ereaux WMA (Morrison County)

This 527-acre WMA is a diverse mosaic of wetlands, and high-quality oak-aspen forest and prairie that provides habitat for a diverse assemblage of game and non-game wildlife. Actions:

Enhancement of 178 acres of high quality oak woodland and prairie through woody invasive species management (buckthorn,

honeysuckle and Siberian elm).

I. Sartell WMA (Benton County)

This 368-acre WMA is bisected by Little Rock Creek, and contains significant oak savanna, oak woodland and prairie in various stages of restoration/enhancement.

Actions: Enhancement of 112 acres of oak-brush savanna, oak woodland and prairie through exotic and native woody species control.

U.S. Fish and Wildlife Service

J. Sherburne National Wildlife Refuge (Sherburne County)

This 30,700-acre refuge was in 1965 to protect and restore the habitats associated with the St. Francis River Valley for migratory birds and other wildlife. The focus of the Refuge is restoration of oak savanna, wetland and Big Woods habitat.

Actions: Prescribed fire will be introduced over 220 acres; 10 acres of land will be seeded with native prairie seed to aid restoration of oak savanna habitat; 300 acres of overgrown oak savanna habitat will be mechanically thinned to aid oak savanna restoration efforts.

Tier 2 (Potential) Projects

These projects might come online if additional funding is procured through other sources or proposed activities fail to materialize with Tier 1 sites.

K. Dalbo WMA (Isanti County)

This 3000-acre WMA consists of a diversity of upland/lowland forests (conifer, birch, ash), brushlands, grasslands, and wetlands (including a 200-acre wild rice lake).

Actions: Enhancement of 200 acres of conifer/birch/ash woodlands and sedge meadow habitat through woody invasive species management (glossy buckthorn).

L. McDougall WMA (Morrison County)

This 228-acre WMA occurs along the Mississippi River and is characterized by high-quality floodplain forest and oak woodland, with restored prairie. Actions: Enhancement of 200 acres of oak woodland, oak savanna and grassland through control of exotic and native woody invasive species.

Duration of Benefits

All restoration and enhancement actions will be occurring on public lands where respective land management agencies have committed to maintaining the investment put forward through OHF funds over time. In addition, the ASP partners are committed to further elevating the protection, restoration and enhancement of the region's natural resources, and will work to ensure this investment is maintained and added upon.

Return on Investment

The State of Minnesota (along with federal and local governments) has spent considerable resources procuring the conservation lands that appear in this proposal for the benefit of the state's wildlife resources. These areas often contain state- and at times globally-imperiled habitats, are highly treasured for their recreational opportunities, and offer critical habitats for both game and nongame species alike. Their inherent value to the State of Minnesota cannot be measured merely by stated land values. The Anoka Sandplain Partnership is working to ensure that the State's investment in these important lands is maintained indefinitely.

Accomplishing this goal requires that funds are brought to bear from a wide variety of sources, that we build connections to local communities as a means of building long-term support for these lands, and that we use resources effectively and efficiently. In many of the sites appearing in this proposal, invasive species are just now beginning to make a demonstrable impact on the health of these habitats. Addressing the problem head-on as the problems arise is the most effective and cost-efficient mechanism for ensuring long-term success.

Level of Stakeholder Opposition to and Involvement in this Proposal

The ASP Partnership has been working to build connections to and engage local stakeholders not only in the development of the proposal, but in the work that is underway. We are reaching out to local chapters of the various hunting groups that use many of these lands, asking for their input in shaping these proposals and the direction of the Partnership. We are engaging local community volunteers in the performance of aspects of this work. We are meeting with local organizations, city councils, and other local groups to inform them of the work underway. We believe the public stakeholder is generally highly supportive of these efforts to improve the condition of habitat on existing public lands. Prior to embarking upon wild rice restoration along the Rum River, and in line with DNR protocol, we will gain approval from landowners immediately adjacent to proposed restoration sites.

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

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

- H5 Restore land, wetlands and wetland-associated watersheds

Which other plans are addressed in this proposal:

- Minnesota Forest Resource Council Landscape Plans
- Tomorrow's Habitat for the Wild and Rare

Which LSOHC state-wide priorities are addressed in this proposal:

- Not Listed

Which LSOHC section priorities are addressed in this proposal:

Forest / Prairie Transition:

- Protect, enhance, and restore wild rice wetlands, shallow lakes, wetland/grassland complexes, aspen parklands, and shoreland that provide critical habitat for game and nongame wildlife
- Protect, enhance, and restore rare native remnant prairie
- Protect, enhance, and restore migratory habitat for waterfowl and related species, so as to increase migratory and breeding success

Metro / Urban:

- Protect, enhance, and restore remnant native prairie, Big Woods forests, and oak savanna with an emphasis on areas with high biological diversity

Northern Forest:

- Restore and enhance habitat on existing protected properties, with preference to habitat for rare, endangered, or threatened species identified by the Minnesota County Biological Survey
- Restore forest-based wildlife habitat that has experienced substantial decline in area in recent decades

Relationship to other funds:

- Not Listed

Describe the relationship of the funds:

Not Listed

How does this proposal accelerate or supplement your current efforts in this area:

The OHF grant funds will be used exclusively to complete the proposed project activities, thereby accelerating the protection, restoration and enhancement of high priority habitat in the Anoka Sandplain region. The grant funds are in addition to the organizational operating budget of each partner and other funds secured for habitat work. These grant funds will not substitute for or supplant other funding sources.

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

Management plans (if not already in place) will be developed for each site to guide effective long-term management. 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.

In addition, the ASP Partnership is committed to working with respective land management agencies (local, state and federal) and conservation organizations in an on-going basis to identify and procure financial resources for maintaining these improvements as needed, bring volunteers to bear, and otherwise assist in reducing the financial and capacity burden in the face of fiscal constraints.

State Scientific and Natural Areas (SNAs) SNA field staff will monitor project sites and take necessary actions to sustain the habitat

improvements as part of their public land management responsibilities. Maintenance work will be carried out by existing staff, CCM crews, temporary project staffing or through vendor contracting. Periodic enhancements (beyond routine management) will be funded through annual funding requests from a variety of funding sources, including Bonding, Gifts, Federal Sources, Environmental Trust, and Outdoor Heritage Fund.

State Wildlife Management Areas (WMAs) Wildlife field staff will monitor project sites and take any necessary actions to sustain the habitat improvements as part of their public land management responsibilities. Maintenance work will be carried out by existing staff, CCM crews, temporary project staffing or through vendor contracting. Periodic enhancements (beyond routine management) will be funded through annual funding requests from a variety of funding sources, including Dedicated Wildlife Funding (Pheasant, Deer, Bear, Turkey, Surcharge, Heritage), Bonding, Gifts, Federal Sources, Environmental Trust, and Outdoor Heritage Fund.

Sherburne National Wildlife Refuge Land management at Sherburne NWR is guided by its 2005 Comprehensive Conservation Plan. One of the major goals of habitat management at the refuge is to restore the oak savanna habitat to pre-European settlement conditions. Restoration of this habitat involves prescribed burning, forest thinning, invasive species work, and planting of native local ecotype seeds. National Wildlife Refuges are purchased in perpetuity and the U.S. Fish and Wildlife Service is committed to conserving National Wildlife Refuges for the American public and the future generation of the United States of America.

Anoka Nature Preserve Anoka Conservation District will use the initial project to train volunteers on proper buckthorn treatment methods, and use the existing partnership between the City of Anoka, the Friends of the Anoka Nature Preserve, and volunteer sources to ensure long term maintenance activities are carried out.

Rum River Public Waters

The partners collaborating on wild rice restoration along the Rum River and its tributaries will monitor the success of initial establishment efforts to gauge the long-term potential for expansion of this program throughout the watershed.

Activity Details:

Will there be planting of corn or any crop on OHF land purchased or restored in this program - **Not Listed**

Is the activity on permanently protected land per 97A.056, subd 13(f) and/or public waters per MS 103G.005, Subd. 15 - **Yes (WMA, SNA, County/Municipal, Refuge Lands, Public Waters)**

Accomplishment Timeline:

Activity	Approximate Date Completed
Development of natural resource management plans where needed - Natural Resource management plans completed	1/1/2013
Commencement of restoration/enhancement activities on public lands - Actions initiated at 4 sites	6/30/2013 - 6/30/2014
Writing on wild rice habitat guidelines for Rum River - Guidelines established and distributed to partners	1/1/2013
Wild rice seeding - Seeding completed at 3 sites	6/30/2017
Conclusion of restoration/enhancement activities on public lands - Actions concluded at 4 sites	6/30/2014
Conclusion of restoration/enhancement activities on public lands - Actions concluded at all 9 sites	6/1/2017

Date of Final Report Submission: 11/1/2017

Federal Funding:

Do you anticipate federal funds as a match for this program - **Not Listed**

Outcomes:

Programs in the northern forest region:

- Not Listed

Programs in forest-prairie transition region:

- Not Listed

Programs in metropolitan urbanizing region:

- Not Listed

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

Not Listed

Total Amount of Request: \$ 1050000

Budget and Cash Leverage

Budget Name	LSOHC Request	Anticipated Leverage	Leverage Source	Total
Personnel	\$137,400	\$61,500	NWTF, Morrison Cty, GRG, NFWF, NWTF	\$198,900
Contracts	\$824,800	\$0		\$824,800
Fee Acquisition w/ PILT	\$0	\$0		\$0
Fee Acquisition w/o PILT	\$0	\$0		\$0
Easement Acquisition	\$0	\$0		\$0
Easement Stewardship	\$0	\$0		\$0
Travel	\$16,000	\$0		\$16,000
Professional Services	\$0	\$0		\$0
Direct Support Services	\$0	\$0		\$0
DNR Land Acquisition Costs	\$0	\$0		\$0
Capital Equipment	\$0	\$0		\$0
Other Equipment/Tools	\$7,500	\$0		\$7,500
Supplies/Materials	\$64,300	\$10,000	NFWF, City of Anoka	\$74,300
DNR IDP	\$0	\$0		\$0
Total	\$1,050,000	\$71,500		\$1,121,500

Personnel

Position	FTE	Over # of years	LSOHC Request	Anticipated Leverage	Leverage Source	Total
GRG Staff	0.64	3.00	\$82,700	\$55,500	Morrison Cty, GRG, NFWF, NWTF	\$138,200
Manager of Programs (ACD)	0.02	3.00	\$31,800	\$0		\$31,800
NWTF staff	0.13	3.00	\$22,900	\$6,000	NWTF	\$28,900
Total	0.79	9.00	\$137,400	\$61,500		\$198,900

Budget and Cash Leverage by Partnership

Budget Name	Partnership	LSOHC Request	Anticipated Leverage	Leverage Source	Total
Personnel	GRG	\$82,700	\$55,500	Morrison Cty, GRG, NFWF, NWTF	\$138,200
Contracts	GRG	\$431,500	\$0		\$431,500
Fee Acquisition w/ PILT	GRG	\$0	\$0		\$0
Fee Acquisition w/o PILT	GRG	\$0	\$0		\$0
Easement Acquisition	GRG	\$0	\$0		\$0
Easement Stewardship	GRG	\$0	\$0		\$0
Travel	GRG	\$12,000	\$0		\$12,000
Professional Services	GRG	\$0	\$0		\$0
Direct Support Services	GRG	\$0	\$0		\$0
DNR Land Acquisition Costs	GRG	\$0	\$0		\$0
Capital Equipment	GRG	\$0	\$0		\$0
Other Equipment/Tools	GRG	\$7,500	\$0		\$7,500
Supplies/Materials	GRG	\$25,000	\$5,000	NFWF	\$30,000
DNR IDP	GRG	\$0	\$0		\$0
Total		\$558,700	\$60,500		\$619,200

Personnel - GRG

Position	FTE	Over # of years	LSOHC Request	Anticipated Leverage	Leverage Source	Total
GRG Staff	0.64	3.00	\$82,700	\$55,500	Morrison Cty, GRG, NFWF, NWTF	\$138,200
Total	0.64	3.00	\$82,700	\$55,500		\$138,200

BudgetName	Partnership	LSOHC Request	Anticipated Leverage	Leverage Source	Total
Personnel	ACD	\$31,800	\$0		\$31,800
Contracts	ACD	\$28,300	\$0		\$28,300
Fee Acquisition w/ PILT	ACD	\$0	\$0		\$0
Fee Acquisition w/o PILT	ACD	\$0	\$0		\$0
Easement Acquisition	ACD	\$0	\$0		\$0
Easement Stewardship	ACD	\$0	\$0		\$0
Travel	ACD	\$0	\$0		\$0
Professional Services	ACD	\$0	\$0		\$0
Direct Support Services	ACD	\$0	\$0		\$0
DNR Land Acquisition Costs	ACD	\$0	\$0		\$0
Capital Equipment	ACD	\$0	\$0		\$0
Other Equipment/Tools	ACD	\$0	\$0		\$0
Supplies/Materials	ACD	\$39,300	\$5,000	City of Anoka	\$44,300
DNR IDP	ACD	\$0	\$0		\$0
Total		\$99,400	\$5,000		\$104,400

Personnel - ACD

Position	FTE	Over # of years	LSOHC Request	Anticipated Leverage	Leverage Source	Total
Manager of Programs (ACD)	0.02	3.00	\$31,800	\$0		\$31,800
Total	0.02	3.00	\$31,800	\$0		\$31,800

BudgetName	Partnership	LSOHC Request	Anticipated Leverage	Leverage Source	Total
Personnel	NWTF	\$22,900	\$6,000	NWTF	\$28,900
Contracts	NWTF	\$365,000	\$0		\$365,000
Fee Acquisition w/ PILT	NWTF	\$0	\$0		\$0
Fee Acquisition w/o PILT	NWTF	\$0	\$0		\$0
Easement Acquisition	NWTF	\$0	\$0		\$0
Easement Stewardship	NWTF	\$0	\$0		\$0
Travel	NWTF	\$4,000	\$0		\$4,000
Professional Services	NWTF	\$0	\$0		\$0
Direct Support Services	NWTF	\$0	\$0		\$0
DNR Land Acquisition Costs	NWTF	\$0	\$0		\$0
Capital Equipment	NWTF	\$0	\$0		\$0
Other Equipment/Tools	NWTF	\$0	\$0		\$0
Supplies/Materials	NWTF	\$0	\$0		\$0
DNR IDP	NWTF	\$0	\$0		\$0
Total		\$391,900	\$6,000		\$397,900

Personnel - NWTF

Position	FTE	Over # of years	LSOHC Request	Anticipated Leverage	Leverage Source	Total
NWTF staff	0.13	3.00	\$22,900	\$6,000	NWTF	\$28,900
Total	0.13	3.00	\$22,900	\$6,000		\$28,900

Output Tables

Table 1a. Acres by Resource Type

Type	Wetlands	Prairies	Forest	Habitats	Total
Restore	0	4	3	0	7
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	0	0
Enhance	100	878	400	0	1,378
Total	100	882	403	0	1,385

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 Requested Funding by Resource Type

Type	Wetlands	Prairies	Forest	Habitats	Total
Restore	\$0	\$13,000	\$16,000	\$0	\$29,000
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	\$0	\$0
Enhance	\$50,000	\$557,100	\$413,900	\$0	\$1,021,000
Total	\$50,000	\$570,100	\$429,900	\$0	\$1,050,000

Table 3. Acres within each Ecological Section

Type	Metro Urban	ForestPrairie	SE Forest	Prairie	N Forest	Total
Restore	3	4	0	0	0	7
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	0	0	0	0	0	0
Enhance	990	325	0	0	63	1,378
Total	993	329	0	0	63	1,385

Table 4. Total Requested Funding within each Ecological Section

Type	Metro Urban	ForestPrairie	SE Forest	Prairie	N Forest	Total
Restore	\$16,000	\$13,000	\$0	\$0	\$0	\$29,000
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	\$0	\$0	\$0	\$0	\$0	\$0
Enhance	\$497,200	\$473,100	\$0	\$0	\$50,700	\$1,021,000
Total	\$513,200	\$486,100	\$0	\$0	\$50,700	\$1,050,000

Target Lake/Stream/River Feet or Miles

0.19

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?
Anoka Nature Preserve	03225225	130	\$99,400	Yes
Carlos Avery WMA	03321216	200	\$248,800	Yes
Rum River Wild Rice	03624224	100	\$50,000	Yes

Benton

Name	TRDS	Acres	Est Cost	Existing Protection?
Sartell WMA	03829215	112	\$135,500	Yes

Chisago

Name	TRDS	Acres	Est Cost	Existing Protection?
Allemansratt Wilderness Park	03420228	23	\$30,700	Yes

Isanti

Name	TRDS	Acres	Est Cost	Existing Protection?
Twin Lakes SNA	03422211	50	\$51,000	Yes

Morrison

Name	TRDS	Acres	Est Cost	Existing Protection?
Belle Prairie County Park	04132214	39	\$92,200	Yes
Ereaux WMA	04131230	178	\$136,200	Yes
McDougall	03928229	111	\$122,400	Yes

Sherburne

Name	TRDS	Acres	Est Cost	Existing Protection?
Rice Lake SNA (Phase 2)	03529211	23	\$23,300	Yes
Sherburne NWR	03528216	530	\$60,600	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.

Completed Parcel: Anoka Nature Preserve

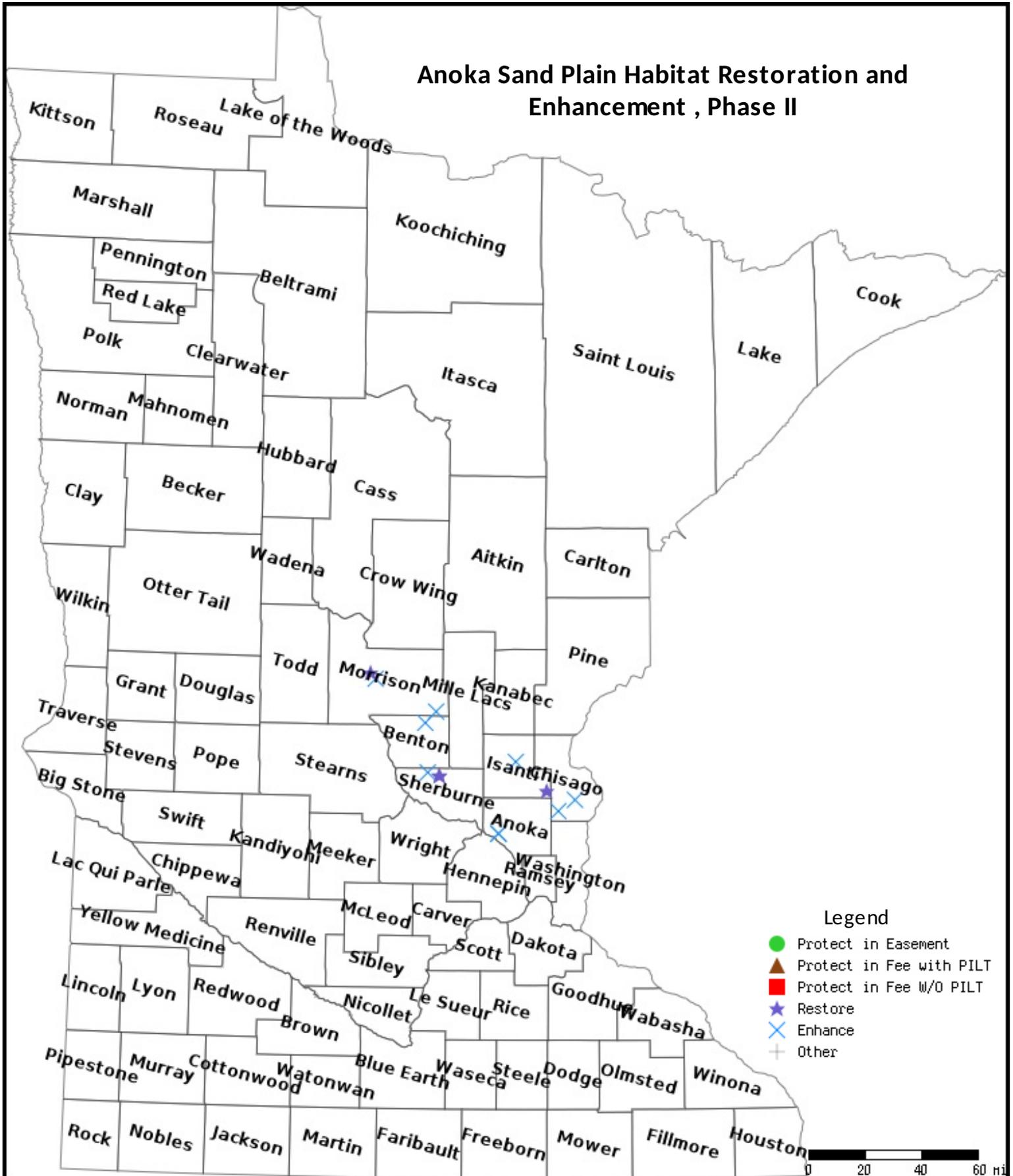
# of Total Acres:	130
County:	Anoka
Township:	032
Range:	25
Direction:	2
Section:	25
# of Acres: Wetlands/Upland:	
# of Acres: Forest:	
# of Acres: Prairie/Grassland:	
Amount of Shoreline:	(Linear Feet)
Name of Adjacent Body of Water (if applicable):	
Has there been signage erected at the site:	
Total cost of Restoration/Enhancement:	\$99,400

Completed Parcel: Sherburne NWR

# of Total Acres:	530
County:	Sherburne
Township:	035
Range:	28
Direction:	2
Section:	16
# of Acres: Wetlands/Upland:	
# of Acres: Forest:	
# of Acres: Prairie/Grassland:	
Amount of Shoreline:	(Linear Feet)
Name of Adjacent Body of Water (if applicable):	
Has there been signage erected at the site:	

Parcel Map

Anoka Sand Plain Habitat Restoration and Enhancement , Phase II



Legend

- Protect in Easement
- ▲ Protect in Fee with PILT
- Protect in Fee W/O PILT
- ★ Restore
- × Enhance
- + Other

