

Lessard-Sams Outdoor Heritage Council Laws of Minnesota 2014 Accomplishment Plan

Date: October 22, 2013

Program or Project Title: Anoka Sandplain Habitat Restoration and Enhancement, Phase 3

Funds Recommended: \$ 1,190,000

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Legislative Citation:

Appropriation Language:

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

Ecological Planning Regions:

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

Activity Type:

- Enhance
- Restore

Priority Resources Addressed by Activity:

- Forest
- Habitat
- Prairie
- Wetlands

Abstract:

The Anoka Sandplain Partnership (Phase 3) proposal will restore and enhance 2,953 acres of wildlife habitat on priority public lands principally within the Anoka Sandplain Ecological Region within the Metropolitan Urbanizing, Forest-Prairie, and Northern Forest regions.

Design and Scope of Work:

The Anoka Sandplain Partnership includes >23 government agencies and organizations working to protect, enhance and restore the lands and waters of the Anoka Sandplain. Using a slate of information to target our actions – DNR's MCBS Sites of Biodiversity Significance, Regionally Ecological Significant Areas, and Habitat Corridors – we put forward an ambitious third proposal to accelerate restoration/enhancement of important wildlife habitat.

Problems Addressed

Wildlife habitat in the ASP is impacted by numerous threats, resulting in an urgent need for action:

1. Native habitats have become rare and continue to be lost. Oak savanna and prairie - the characteristic habitat of the Anoka Sandplain - now persist over <1% of their historic range. Due to its proximity to the Twin Cities, the ASP is realizing immense development pressure on what native habitat remains.
2. Degradation of habitats on public lands and waters threatens associated wildlife populations. Reduction in habitat quality has had profound impacts on wildlife in the ASP. Minnesota's CWCP identifies maintenance, enhancement and protection of oak savannas as its first priority in addressing the 97 Species of Greatest Conservation Need (SGCN) occurring in this ecological subsection.
3. Government agencies often lack sufficient resources/capacity to manage important lands. Inadequate funding/capacity for restoration activities on public lands has resulted in declines in the condition of Minnesota's most important wildlife habitats.

Scope of Work

The following outcomes will be realized:

1. Expansion of ongoing restoration/enhancement to 20 new project areas. Sites include: 5 state WMAs, 1 Forest, 1 SNA; 2 national wildlife refuges; and 9 local/county/regional parks,
2. Restoration/enhancement of 4,985 acres of habitat across priority lands and waters.

Proposed Project Areas:

Participating partners in this proposal include:

1. Anoka Conservation District

- a. Anoka Nature Preserve, Phase 2 - On the banks of the Rum River, this 200-acre forest/field/wetland preserve provides habitat for a diversity of species. Actions: Restoration of 55 acres of old field into prairie.
- b. Rum River Riparian Restoration, Cedar Creek Nature Preserve - One mile of eroding riverbank has been identified along Anoka County's Rum River on public park lands, impacting habitat for fish species. Actions: Enhancement of 550 feet of riparian and instream habitat through installation of weirs, cedar revetments, and willow staking.
- c. Buckthorn Clean Sweep - Anoka County supports over 3,000 acres of high quality (MCBS mapped) natural forest habitat on public lands, Actions: Enhancement of 148 acres of MCBS forest habitat on public lands through buckthorn control.

2. Great River Greening

- a. Sand Dunes State Forest - The new SDSF Operational Plan (2013), developed to bring balance between economic and ecological assets of the Forest, identifies 630 acres of the 5,700-acre forest for immediate action to address imperiled native plant communities and rare species. Actions: Enhancement of 336 acres of priority habitat through pine removal, prescribed burning, and invasive species control.
- b. Sherburne NWR, Phase 3 - This 30,700-acre refuge was created to protect/restore habitats for migratory birds and other wildlife, with a focus on oak savanna, wetlands and Big Woods habitat. Actions: Enhancement of 1,400 acres of wetland/meadow and oak savanna habitat through prescribed fire, herbicide cattail control, and initiation of a grazing regime (with construction of a 9.5 mile fence).
- c. Crane Meadows NWR - Crane Meadows was established to preserve the state's largest sedge meadow wetland complex and associated breeding sandhill crane population, and includes a diverse mix of native prairie, savanna, and wetlands. Actions: Enhancement of 480 acres of habitat through woody thinning/control, seeding, and tree planting.
- d. BenLacs WMA - This 569-acre WMA includes forest interspersed with wetlands, offering diverse recreational opportunities ranging from hunting/fishing to skiing. Actions: Enhancement of 322 acres of mixed forest and wetland habitat through woody invasive species control.
- e. McDougall Homestead WMA - This 228-acre WMA of high-quality floodplain forest, oak woodland and restored prairie, lies along the Mississippi River and is home to more than 30 SGCN. Actions: Enhancement of 45 acres of oak woodland and savanna through woody invasive species control.
- f. Sand Prairie WMA, Phase 2 - This 700-acre WMA is characterized by prairie and aspen/oak woodland, and is the first designated Environmental Education Area in the state, providing strong connections to local schools/colleges. Actions: Enhancement of 40 acres of oak woodland through invasive species control.
- g. Kelsey Round Lake Park - Situated on Round Lake, the park's woodlands and restored prairies provide habitat for many species ranging from waterfowl and songbirds to Blanding's turtles. Actions: Enhancement of 15 acres of Big Woods forest through invasive species control and planting.

3. Isanti County Parks

- a. Vegsund County Park – This 80-acre park consists of oak woodland, restored prairies, wetlands, along 1/2 mile of Lake Seventeen’s undeveloped shoreline, an attractive fishery. Actions: Enhancement of 18 acres of woodland through removal of woody invasive species and prescribed burning
- b. Anderson County Park – The 174-acre park lies adjacent to Horseshoe and Horse Leg lakes, and consists of wetlands, prairie and oak savanna/woodland in the process of restoration. Actions: Enhancement of 18 acres of oak woodland through removal of woody invasive control and prescribed fire.
- c. Springvale County Park, Phase 2 – This 211-acre park is situated on Johnny’s Lake and lies on rolling eskers of prairie, woodlands and wetlands. Actions: Enhancement of 34 acres of oak woodland through removal of woody invasive control and prescribed burning.
- d. Cambridge City Park – This 151-acre park protects floodplain forest situated along 1.5 miles of the Wild & Scenic Rum River. Actions: Enhancement of 39 acres of floodplain forest through woody invasive control.

4. Stearns SWCD

- a. Mississippi River County Park – This 340-acre park contains 1.3 miles of Mississippi River frontage, and 80 acres of upland forest and restored prairie managed in their natural state. Actions: Restoration of 630 feet of river shoreline.

Planning:

MN State-wide Conservation Plan Priorities:

- H3 Improve connectivity and access to recreation
- H4 Restore and protect shallow lakes
- H5 Restore land, wetlands and wetland-associated watersheds
- LU10 Support and expand sustainable practices on working forested lands

Plans Addressed:

- Long Range Plan for the Wild Turkey
- Minnesota DNR Nongame Wildlife Plans
- Minnesota DNR Scientific and Natural Area's Long Range Plan
- Minnesota DNR Strategic Conservation Agenda
- Minnesota Forest Resource Council Landscape Plans
- National Audubon Society Top 20 Common Birds in Decline
- North American Waterfowl Management Plan
- Outdoor Heritage Fund: A 25 Year Framework
- State Comprehensive Outdoor Recreation Plan
- Tomorrow's Habitat for the Wild and Rare
- U.S. Fish and Wildlife Service Strategic Habitat Conservation Model
- Upper Mississippi River and Great Lakes Region Projects Joint Ventures Plan

LSOHC Statewide Priorities:

- Address Minnesota landscapes that have historical value to fish and wildlife, wildlife species of greatest conservation need, Minnesota County Biological Survey data, and rare, threatened and endangered species inventories in land and water decisions, as well as long-term or permanent solutions to aquatic invasive species
- Are ongoing, successful, transparent and accountable programs addressing actions and targets of one or more of the ecological sections
- Attempts to ensure conservation benefits are broadly distributed across the LSOHC sections
- Ensures activities for "protecting, restoring and enhancing" are coordinated among agencies, non profits and others while doing this important work; provides the most cost-effective use of financial resources; and where possible takes into consideration the value of local outreach, education, and community engagement to sustain project outcomes
- Leverage effort and/or other funds to supplement any OHF appropriation
- Produce multiple enduring conservation benefits
- Provide Minnesotans with greater public access to outdoor environments with hunting, fishing and other outdoor recreation opportunities

- Restore or enhance habitat on permanently protected land
- Use a science-based strategic planning and evaluation model to guide protection, restoration and enhancement, similar to the United States Fish and Wildlife Service's Strategic Habitat Conservation model

LSOHC Forest Prairie Transition Section Priorities:

- 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

LSOHC Metro Urban Section Priorities:

- Protect, enhance, and restore remnant native prairie, Big Woods forests, and oak savanna with an emphasis on areas with high biological diversity
- Protect habitat corridors, with emphasis on the Minnesota, Mississippi, and St. Croix rivers (bluff to floodplain)
- Protect, enhance, and restore riparian and littoral habitats on lakes to benefit game and nongame fish species

LSOHC Northern Forest Section Priorities:

- 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

Relationship to Other Constitutional Funds:

- Environmental and Natural Resource Trust Fund
- Clean Water Fund

Although the ASP Partnership is using and pursuing funds available through other constitutional funds (Environmental and Natural Resources Trust Fund and Clean Water Fund, specifically) to achieve its goals in the Anoka Sandplain, none of those funds are being tapped to simultaneously address the habitat restoration and enhancement needs proposed here.

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 habitat work in the Anoka Sandplain.

Accelerates or Supplements Current Efforts:

A principle goal of this proposal is to accelerate enhancement/restoration of respective sites and bring them to a point where on-going management costs are diminished and the habitat resources can be effectively maintained over time. Historical funding streams for managing public lands have been inadequate to address the full spectrum of habitat management needs; costs for bringing many of these sites to a point where they can be managed effectively and efficiently were well outside the funding levels available. This program serves to bring priority sites to a position where they can be managed effectively and efficiently within existing funding streams, both accelerating impact and supplementing funding available through traditional mechanisms. This proposal to LSOHC for Outdoor Heritage Fund support does not supplant any other sources of funding. In all cases, this proposal and the projects to be completed accelerate and supplement habitat work in the Anoka Sandplain.

Sustainability and Maintenance:

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 goal of this proposal is to accelerate enhancement/restoration of respective sites and bring them to a point where on-going management costs are diminished and the resource can be effectively

maintained over time.

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.

Permanent Protection:

*Is the activity on permanently protected land and/or public waters per MS 103G.005, Subd. 15? - **Yes (WMA, SNA, County/Municipal, Refuge Lands, Public Waters, State Forests, Regional Parks)***

Accomplishment Timeline

Activity	Approximate Date Completed
Enhancement completed across 2638 acres (GRG)	6/30/17
Enhancement completed across 137 acres (Isanti County Parks)	6/30/17
Enhancement/restoration completed across 203 acres (Anoka Conservation District)	6/30/17
One Mile Rum River - Design Completed/Bids Let (Anoka Conservation District)	9/30/14
Buckthorn Clean Sweep - 400 acres treated (Anoka Conservation District)	12/31/14
Site Prep and Prairie Seeding Completed (Anoka Conservation District)	12/31/15
Fence Installation Completed - Sherburne NWR (GRG)	6/30/16
Site-based management/restoration plans completed or in hand (GRG)	6/30/16
Riverbank restoration completed at Mississippi River County Park (Stearns SWCD)	6/30/17
One Mile River - Riverbank restoration completed across 550 feet (Anoka Conservation District)	6/30/17

Outcomes

Programs in the northern forest region:

- No Programs Listed

Programs in forest-prairie transition region:

- Improved aquatic habitat vegetation *FWS and Greening staff will monitor the results of wetland restoration/enhancement work at Sherburne and Crane Meadows NWRs.*
- Protected, restored, and enhanced aspen parklands and riparian areas *Oak savanna and parkland is a priority target of our work in the Anoka Sandplain. Restoration/enhancement success is evaluated/monitored by land management agencies over time. SGCN species monitoring is carried out by DNR staff across the ecoregion.*
- Protected, restored, and enhanced nesting and migratory habitat for waterfowl, upland birds, and species of greatest conservation need *At specific sites (e.g., Sand Dunes State Forest, Sherburne NWR, Crane Meadows NWR), monitoring of breeding birds is conducted by citizen volunteers, DNR staff, and FWS employees to track population/abundance of upland birds and wildlife.*
- Wetland and upland complexes will consist of native prairies, restored prairies, quality grasslands, and restored shallow lakes and wetlands *The ASP Partnership targets its work in part toward larger landscape systems remaining or restorable in the ecoregion and work with land managers to create complexes via a*

variety of mechanisms and using native species. Restoration/enhancement success is evaluated/monitored through land management agencies over time.

Programs in metropolitan urbanizing region:

- *A network of natural land and riparian habitats will connect corridors for wildlife and species in greatest conservation need Partners target priority lands using Metro Conservation Corridor mapping and other available tools/plans. Analysis of mapping shows progress in enhancing quality of corridors over time. Ongoing inventory by county and DNR employees and others track occurrences of SGCN species, which are fed into the DNR central database.*
- *Core areas protected with highly biologically diverse wetlands and plant communities, including native prairie, Big Woods, and oak savanna Partners target priority lands using Metro Conservation Corridor mapping, County Biological Survey data and other other available tools/plans. Analysis of mapping shows progress in enhancing quality of corridors over time.*

Budget Spreadsheet

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

Total Amount of Request: \$ 1190000

Budget and Cash Leverage

Budget Name	LSOHC Request	Anticipated Leverage	Leverage Source	Total
Personnel	\$118,900	\$40,400	Great River Greening, USFWS, NWTf, Anoka County; Anoka SWCD	\$159,300
Contracts	\$1,039,500	\$92,000	Isanti County Parks; City of Cambridge, City of Anoka; Anoka County	\$1,131,500
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	\$4,100	\$0		\$4,100
Professional Services	\$0	\$15,000	Mn NPEAP	\$15,000
Direct Support Services	\$0	\$0		\$0
DNR Land Acquisition Costs	\$0	\$0		\$0
Capital Equipment	\$0	\$0		\$0
Other Equipment/Tools	\$13,600	\$0		\$13,600
Supplies/Materials	\$13,900	\$3,900	Anoka PF; Anoka SWCD	\$17,800
DNR IDP	\$0	\$0		\$0
Total	\$1,190,000	\$151,300		\$1,341,300

Personnel

Position	FTE	Over # of years	LSOHC Request	Anticipated Leverage	Leverage Source	Total
Project Manager/Ecologist	0.15	3.00	\$23,600	\$33,900	Great River Greening, USFWS, NWTF	\$57,500
Field Tech	0.29	3.00	\$30,000	\$0		\$30,000
Dir. Conservation Programs	0.10	3.00	\$20,000	\$0		\$20,000
Dir. Finance	0.07	3.00	\$18,000	\$0		\$18,000
Grant Admin Asst.	0.04	3.00	\$4,700	\$0		\$4,700
Project Manager	0.14	3.00	\$14,500	\$6,500	Anoka County; Anoka SWCD	\$21,000
Technician	0.03	3.00	\$8,100	\$0		\$8,100
Total	0.82	21.00	\$118,900	\$40,400		\$159,300

Budget and Cash Leverage by Partnership

Budget Name	Partnership	LSOHC Request	Anticipated Leverage	Leverage Source	Total
Personnel	Great River Greening	\$96,300	\$33,900	Great River Greening, USFWS, NWTF	\$130,200
Contracts	Great River Greening	\$783,300	\$0		\$783,300
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	\$4,100	\$0		\$4,100
Professional Services	Great River Greening	\$0	\$0		\$0
Direct Support Services	Great River Greening	\$0	\$0		\$0
DNR Land Acquisition Costs	Great River Greening	\$0	\$0		\$0
Capital Equipment	Great River Greening	\$0	\$0		\$0
Other Equipment/Tools	Great River Greening	\$12,500	\$0		\$12,500
Supplies/Materials	Great River Greening	\$4,800	\$0		\$4,800
DNR IDP	Great River Greening	\$0	\$0		\$0
Total		\$901,000	\$33,900		\$934,900

Personnel - Great River Greening

Position	FTE	Over # of years	LSOHC Request	Anticipated Leverage	Leverage Source	Total
Project Manager/Ecologist	0.15	3.00	\$23,600	\$33,900	Great River Greening, USFWS, NWTf	\$57,500
Field Tech	0.29	3.00	\$30,000	\$0		\$30,000
Dir. Conservation Programs	0.10	3.00	\$20,000	\$0		\$20,000
Dir. Finance	0.07	3.00	\$18,000	\$0		\$18,000
Grant Admin Asst.	0.04	3.00	\$4,700	\$0		\$4,700
Total	0.65	15.00	\$96,300	\$33,900		\$130,200

Budget Name	Partnership	LSOHC Request	Anticipated Leverage	Leverage Source	Total
Personnel	Stearns SWCD	\$0	\$0		\$0
Contracts	Stearns SWCD	\$55,000	\$0		\$55,000
Fee Acquisition w/ PILT	Stearns SWCD	\$0	\$0		\$0
Fee Acquisition w/o PILT	Stearns SWCD	\$0	\$0		\$0
Easement Acquisition	Stearns SWCD	\$0	\$0		\$0
Easement Stewardship	Stearns SWCD	\$0	\$0		\$0
Travel	Stearns SWCD	\$0	\$0		\$0
Professional Services	Stearns SWCD	\$0	\$0		\$0
Direct Support Services	Stearns SWCD	\$0	\$0		\$0
DNR Land Acquisition Costs	Stearns SWCD	\$0	\$0		\$0
Capital Equipment	Stearns SWCD	\$0	\$0		\$0
Other Equipment/Tools	Stearns SWCD	\$0	\$0		\$0
Supplies/Materials	Stearns SWCD	\$0	\$0		\$0
DNR IDP	Stearns SWCD	\$0	\$0		\$0
Total		\$55,000	\$0		\$55,000

Budget Name	Partnership	LSOHC Request	Anticipated Leverage	Leverage Source	Total
Personnel	Anoka Conservation District	\$22,600	\$6,500	Anoka County; Anoka SWCD	\$29,100
Contracts	Anoka Conservation District	\$122,200	\$83,000	City of Anoka; Anoka County	\$205,200
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	\$15,000	Mn NPEAP	\$15,000
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	\$1,100	\$0		\$1,100
Supplies/Materials	Anoka Conservation District	\$9,100	\$3,900	Anoka PF; Anoka SWCD	\$13,000
DNR IDP	Anoka Conservation District	\$0	\$0		\$0
Total		\$155,000	\$108,400		\$263,400

Personnel - Anoka Conservation District

Position	FTE	Over # of years	LSOHC Request	Anticipated Leverage	Leverage Source	Total
Project Manager	0.14	3.00	\$14,500	\$6,500	Anoka County; Anoka SWCD	\$21,000
Technician	0.03	3.00	\$8,100	\$0		\$8,100
Total	0.17	6.00	\$22,600	\$6,500		\$29,100

Budget Name	Partnership	LSOHC Request	Anticipated Leverage	Leverage Source	Total
Personnel	Isanti County Parks	\$0	\$0		\$0
Contracts	Isanti County Parks	\$79,000	\$9,000	Isanti County Parks; City of Cambridge	\$88,000
Fee Acquisition w/ PILT	Isanti County Parks	\$0	\$0		\$0
Fee Acquisition w/o PILT	Isanti County Parks	\$0	\$0		\$0
Easement Acquisition	Isanti County Parks	\$0	\$0		\$0
Easement Stewardship	Isanti County Parks	\$0	\$0		\$0
Travel	Isanti County Parks	\$0	\$0		\$0
Professional Services	Isanti County Parks	\$0	\$0		\$0
Direct Support Services	Isanti County Parks	\$0	\$0		\$0
DNR Land Acquisition Costs	Isanti County Parks	\$0	\$0		\$0
Capital Equipment	Isanti County Parks	\$0	\$0		\$0
Other Equipment/Tools	Isanti County Parks	\$0	\$0		\$0
Supplies/Materials	Isanti County Parks	\$0	\$0		\$0
DNR IDP	Isanti County Parks	\$0	\$0		\$0
Total		\$79,000	\$9,000		\$88,000

Output Tables

Table 1. Acres by Resource Type

Type	Wetlands	Prairies	Forest	Habitats	Total
Restore	0	55	0	2	57
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	998	1,374	524	0	2,896
Total	998	1,429	524	2	2,953

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	300
Total	300

Table 2. Total Requested Funding by Resource Type

Type	Wetlands	Prairies	Forest	Habitats	Total
Restore	\$0	\$35,000	\$0	\$165,000	\$200,000
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	\$160,000	\$554,800	\$275,200	\$0	\$990,000
Total	\$160,000	\$589,800	\$275,200	\$165,000	\$1,190,000

Table 3. Acres within each Ecological Section

Type	Metro Urban	Forest Prairie	SE Forest	Prairie	N Forest	Total
Restore	56	1	0	0	0	57
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	2,010	525	0	0	361	2,896
Total	2,066	526	0	0	361	2,953

Table 4. Total Requested Funding within each Ecological Section

Type	Metro Urban	Forest Prairie	SE Forest	Prairie	N Forest	Total
Restore	\$145,000	\$55,000	\$0	\$0	\$0	\$200,000
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	\$582,200	\$176,600	\$0	\$0	\$231,200	\$990,000
Total	\$727,200	\$231,600	\$0	\$0	\$231,200	\$1,190,000

Table 5. Target Lake/Stream/River Miles

1 miles

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	55	\$40,195	Yes
Boot Lake SNA	03322219	187	\$8,100	Yes
Cedar Creek Conservation Area	03225206	1	\$110,000	Yes
Kelsey Round Lake Park	03224220	15	\$34,000	Yes
Linwood Community Forest	03322205	82	\$5,500	Yes
Martin-Island-Linwood Regional Park	03322216	66	\$4,500	Yes

Benton

Name	TRDS	Acres	Est Cost	Existing Protection?
BenLacs WMA	03628213	322	\$189,400	Yes

Isanti

Name	TRDS	Acres	Est Cost	Existing Protection?
Cambridge City Park	03623232	39	\$41,800	Yes
Irving & John Anderson County Park	03422202	18	\$9,300	Yes
Springvale County Park	03624220	34	\$15,500	Yes
Vegsund Family County Park	03723217	18	\$12,400	Yes

Morrison

Name	TRDS	Acres	Est Cost	Existing Protection?
Crane Meadows NWR	04031219	480	\$150,000	Yes
McDougal Farms WMA	03928229	45	\$26,600	Yes

Sherburne

Name	TRDS	Acres	Est Cost	Existing Protection?
Sand Dunes State Forest	03427227	336	\$250,000	Yes
Sand Prairie WMA	03530208	40	\$38,000	Yes
Sherburne NWR	03528216	1,400	\$213,000	Yes

Stearns

Name	TRDS	Acres	Est Cost	Existing Protection?
Mississippi River County Park	12628216	81	\$55,000	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.