

Lessard-Sams Outdoor Heritage Council

MEMO: **Agenda Item #7**

DATE: June 29, 2017

SUBJECT: ML 2016, Ch. 172, Art. 1, Sec . 2, Subd. 5(c) Mississippi Headwaters Habitat Corridor Project

PRESENTER: Tim Terrill, Executive Director

Suggested Motion:

Motion to approve/deny the accomplishment plan amendment request as presented.

Background:

This is being brought before the Council as it is a change from the original intent presented to the Council which was to have MHB coordinate the program. This shift also affects the ML 2017 draft accomplishment plan and what was presented before the Council.

This amendment request deletes the MHB program coordinator position and adds \$51,000 under the line item "Contracts" to hire Paula West for the coordination work.

This request is NOT retroactive as a contract with Paula West has not been executed as of yet.

Attachments:

Accomplishment plan with attachments

Lessard-Sams Outdoor Heritage Council

Laws of Minnesota 2016 Accomplishment Plan



Date: May 05, 2017

Program or Project Title: Mississippi Headwaters Habitat Corridor Project

Funds Recommended: \$ 3,150,000

Manager's Name: Tim Terrill

Title: Executive Director

Organization: Mississippi Headwaters Board

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Legislative Citation: ML 2016, Ch. 172, Art. 1, Sec. 2, Subd. 5(c)

Appropriation Language: \$2,105,000 the second year is to the commissioner of natural resources for agreements to acquire lands in fee in the Mississippi Headwaters and for agreements as follows: \$76,000 to the Mississippi Headwaters Board; and \$2,029,000 to The Trust for Public Land. \$1,045,000 the second year is to the Board of Water and Soil Resources to acquire permanent conservation easements and to restore wildlife habitat, of which up to \$78,000 is to establish a monitoring and enforcement fund as approved in the accomplishment plan and subject to Minnesota Statutes, section 97A.056, subdivision 17. A list of proposed acquisitions must be included as part of the required accomplishment plan.

Explanation of Amendment Change: Back in 2015 when this grant was written and submitted, the MHB was expecting a funding increase in 2016 from the legislature that would allow us to hire an employee to administer and coordinate this grant. That did not occur, so the Board discussed having the Executive Director administer and coordinate the project for one year (6/2016 to 6/2017) to gain some experience as to how much time it would take to administer and coordinate the grant. In April of 2017, the MHB Board determined after reviewing reimbursement requests that there is not enough work to justify hiring a full time employee to do the LSOHC grant, and that hiring a part time employee would not be an efficient use of funds. Therefore the Board made and passed the motion to hire a contractor to coordinate the LSOHC grant to allow the Executive Director to take more of an oversight and administrative role. After an RFP was sent out to three potential contractors, Paula West from West Communications was chosen to do this work. I am requesting to delete the program coordinator request, and add \$51,000 under the line item "Contracts" for project coordination. I am requesting to add \$17,000 to the existing line item "Personnel Administration" to have that line item total \$20,000. I am requesting to delete \$1,500 from Direct Support Services, and add that to the existing travel line item to make that total \$5,000.

County Locations: Aitkin, Beltrami, Crow Wing, and Hubbard.

Regions in which work will take place:

- Forest / Prairie Transition
- Northern Forest

Activity types:

- Protect in Easement
- Protect in Fee

Priority resources addressed by activity:

- Forest
- Prairie

Abstract:

The Mississippi Headwaters Board will work with conservation partners to protect and preserve targeted habitat in high quality shoreland areas and provide access on the Mississippi River, headwater's reservoirs, and connecting corridor tributaries through fee title and permanent easements.

Design and scope of work:

The Mississippi River is known as "America's River." It is the largest river in North America, and provides drinking water, industry, and recreation for millions of people, and is the embodiment of Minnesota's outdoor traditions. Strategic and well placed public ownership is essential to maintaining the hunting, fishing, and game habitat along the Mississippi River. Public lands adjacent to private property are in danger of losing habitat connectivity because of the continued development pressures on private lands which result in further fragmentation. Land accessibility to these lands is essential to ensuring high quality, memorable experiences while hunting and fishing within the Mississippi River Corridor. Riparian corridors and tributaries are of particular value to resident and migrating wildlife populations, providing connectivity to multiple habitat types.

As loss of habitat in western Minnesota and the Dakotas occurs, and climate change causes the drying up of existing wetlands, the Mississippi flyway will take on a more important role. The Mississippi flyway is the longest migration route of any in the western hemisphere, and is well timbered and watered to afford ideal conditions to support migrating birds. The Mississippi Headwaters supports more than 350 species of animals, mammals, and birds and is an important national treasure which must be preserved.

The Mississippi Headwaters Board will use targeted land acquisitions and permanent conservation easements to accomplish the goals of this proposal. All acquisitions will be approved by the local governmental unit and the Mississippi Headwaters Board where the property exists. The Mississippi river and its connecting tributaries and headwaters lakes are essential to wildlife, bird, and waterfowl transportation and sustainability. The Mississippi Headwaters Board will work with the Trust for Public Land to protect the priority lands using fee title acquisitions; and the Soil and Water Conservation Districts in the counties of Clearwater, Beltrami, Hubbard, Cass, Itasca, Aitkin, Crow Wing, and Morrison to implement the Reinvest in Minnesota (RIM) program through the Board of Water and Soil Resources to gain permanent conservation easements. These actions will protect against fragmentation of forest land, and provide access to existing public land. Parcels identified as potential acquisitions of the Mississippi river are shown on the attached map. The Mississippi Headwaters Board will administer, provide updated reports to the council, coordinate efforts, and develop a consistent process that utilizes county support to ensure that the program and spirit of this proposal is met. The Department of Natural Resources or individual counties will hold the fee title acquisitions, and the Board of Water and Soil Resources will hold the permanent easements. A local Project Technical Committee will review potential acquisitions and easements after ranking is concluded.

This Mississippi Headwaters Board has developed 4 priorities for acquiring land.

1. The acquired parcels or easements will be targeted toward the Mississippi River; precise in protecting access to public lands; and provide multiple benefits such as hunting, fishing, and outdoor heritage opportunities.
2. The acquired parcels or easements must meet the Mississippi Headwaters Board natural value criteria of identifying and promoting protection of critical habitat flora and fauna as described in the Mississippi Headwaters Board Comprehensive Management Plan.
3. Acquisition and easement priorities will focus on parcels that provide access and are adjacent to existing County, State, and Federal public lands along the Mississippi River to increase habitat and corridor connectivity.
4. Parcels will be ranked by technical committee, and a brought before the Mississippi Headwaters Board for final approval. Parcels will be ranked according to habitat, public access, parcel location, parcel size and cost, and supporting plans.

During the spring of 2015 the MHB Executive Director Tim Terrill visited all eight joint powers board member counties to share the new direction the MHB was taking with regard to river protection. This "Move the Needle" campaign was well received by all of the constituent counties. These public presentations resulted in very positive local media coverage.

The Nature Conservancy has been coordinating county, state, and federal partners in addition to the non-profit conservation community to develop a science supported decision support tool to help guide water protection priorities in the Mississippi Headwaters region. This group called the North Central Conservation Roundtable (NCCR) completed the prioritization tool such that it can be used in conjunction with the MHB river corridor assessment data recently developed in 2013-14. The NCCR continues to meet quarterly in an effort to coordinate partners, programs, and opportunities to protect forest and water resources in the Headwaters region to maximize hunting and fishing habitat.

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 areas targeted by this proposal will strategically protect the habitat and connectivity for fish and game using permanent conservation easements and fee title acquisition to target riparian forest, wetland complexes, tributary confluences, and wild rice

communities along the Mississippi river, headwater's reservoirs, and connecting corridors and tributaries. Land conversion and forest fragmentation have a threaten on habitat, corridor connectivity, and aquatic function on both land and water in this area.

Describe the science based planning and evaluation model used:

Zonation modeling that prioritizes fish and wildlife habitat along with water quality benefits will be utilized on a ranking sheet to help locate areas that provide the best fish, wildlife, and game habitat. The Mississippi Headwaters sub-watershed prioritization model will be utilized to identify adjacent public land and access.

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

- H2 Protect critical shoreland of streams and lakes
- H3 Improve connectivity and access to recreation

Which other plans are addressed in this program:

- Mississippi River Headwaters Comprehensive Plan
- Outdoor Heritage Fund: A 25 Year Framework

Which LSOHC section priorities are addressed in this program:

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

Northern Forest:

- Protect shoreland and restore or enhance critical habitat on wild rice lakes, shallow lakes, cold water lakes, streams and rivers, and spawning areas

Relationship to other funds:

- Clean Water Fund

Describe the relationship of the funds:

We intend in the future to explore ways to utilize the Clean Water Fund to address water quality issues to compliment this habitat effort.

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

The Mississippi Headwaters Board is a Joint Powers Board formed in 1980 to preserve the wild and scenic values of the Mississippi river. This proposal, coordinated and administered by the Mississippi Headwaters Board, will bring together state agencies, local governmental units, Comprehensive Water Plans, county government, Land Resource Plans, and nongovernmental organizations to provide a consistent and coordinated approach to permanent habitat preservation.

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

Not Listed

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

The BWSR easements are perpetual and will be monitored through the BWSR RIM easement monitoring process. Monitoring scheduling follows the RIM guidelines. Easements are inspected for the first five consecutive years beginning in the year after the easement is recorded. Thereafter, on-site inspections are performed every three years and compliance checks are performed in the other two years. Stewardship costs are part of this project and are calculated at \$5,000 per easement for 25 years.

The non-governmental organizations will transfer all fee title lands to the Dept. of Natural Resources or county for permanent stewardship. All land acquired by partners will meet the strategic missions of the DNR and counties who will own and manage the land.

DNR acquired land will be required to develop a management plan consistent with their division priorities. The proposed parcels will be part of the state management system, being sustained and managed by local DNR Area staff involved in the partnership. Maintenance will be funded through the DNR budget, grants and funds provided by partners. Ongoing maintenance and monitoring will be arranged by acquiring entity.

Explain the things you will do in the future to maintain project outcomes:

Year	Source of Funds	Step 1	Step 2	Step 3
2019	OHF	Work with landowners and agencies to determine interest and develop long term habitat priorities.	Utilize RIM program to maintain and monitor easements.	Perform on-site inspections for 5 consecutive years, and every 3 years thereafter.
2019	OHF	Work with landowners to determine interest and develop long term game, hunting and fishing priorities.	Work with Trust for Public Land to acquire parcels for fee title acquisitions.	Follow monitoring guidelines established by the DNR or Counties (depending on ownership) to monitor acquired parcels.

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

The primary purposes of WMAs are to develop and manage for the production of wildlife and for compatible outdoor recreation. To fulfill those goals, the DNR may use limited farming specifically to enhance or benefit the management of state lands for wildlife.

Lands proposed to be acquired as WMAs may utilize farming to prepare previously farmed sites for native plant seeding. This is a standard practice across the Midwest. On a small percentage of WMAs (less than 2.5%), DNR uses farming to provide a winter food source for a variety of wildlife species in agriculture-dominated landscapes largely devoid of winter food sources.

Are any of the crop types planted GMO treated - **No**

Will local government approval be sought prior to acquisition - **Yes**

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

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

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

Land conveyed to the Dept. of Natural Resources or counties will fall under management plans that allow for hunting and fishing opportunities.

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

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

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:

Informal trails on private property are typically used for personal access for hunting, fishing. Informal trails on Potlatch property are a remnant of forestry practices.

This appropriation is funding a program that will have a parcel list identified at a later time. Roads or trails are typically excluded from easement areas if they serve no beneficial purpose to easement maintenance, monitoring, or enforcement. Existing trails and roads are identified during the easement acquisition process. Some roads and trails, such as agricultural field accesses, are allowed to remain.

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

How will maintenance and monitoring be accomplished:

Land that is in an easement will be maintained by the landowner, and will be involved in a scheduled monitoring program by the County Soil & Water Conservation District. Land that is fee title acquired by the Dept. of Natural Resources will follow typical DNR management

rules and monitoring plan. Land acquired by the county will follow a maintenance and monitoring plan developed by specific county forest resource plans.

For easements: This appropriation is funding a program that will have a parcel list identified at a later time. Roads or trails are typically excluded from the easement area if they serve no beneficial purpose to easement maintenance, monitoring, or enforcement. Existing trails and roads are identified during the easement acquisition process. Some roads and trails, such as agricultural field accesses, are allowed to remain.

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

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

On easements, though uncommon, there could be a potential for new trails to be developed, if they contribute to easement maintenance or benefit the easement site (e.g. firebreaks, berm maintenance, etc). Unauthorized trails identified during the monitoring process are in violation of the easement.

No new trails are planned for fee acquisitions.

How will maintenance and monitoring be accomplished:

The easements secured under this project will be managed as part of the MN Board of Water and Soil Resources (BWSR) RIM Reserve program that has over 6,500 easements currently in place. Easements are monitored annually for each of the first 5 years and then every 3rd year after that. BWSR, in cooperation with Soil and Water Conservation Districts (SWCD), implement a stewardship process to track, monitor quality and assure compliance with easement terms.

Under the terms of the Reinvest In Minnesota (RIM) easement program, landowners are required to maintain compliance with the easement. A conservation plan is developed with the landowner and maintained as part of each easement. Basic easement compliance costs are borne by the landowner, periodic enhancements may be cost shared from a variety of sources.

Lands acquired by counties will be managed utilizing individual county land management plans, and lands acquired by the DNR will be required to develop a management plan consistent with their division.

Accomplishment Timeline:

Activity	Approximate Date Completed
Partners- Landowner negotiations, due diligence, acquire land and convey to State or County	6/30/19
SWCDs- Complete conservation easements applications	6/30/19
BWSR- Process and acquire easements through the RIM program.	6/30/19
DNR, Counties- Acquire and manage land for habitat	6/30/19
MHB- Coordination, administration, reporting	11/1/19

Date of Final Report Submission: 11/1/2019

Federal Funding:

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

Outcomes:

Programs in the northern forest region:

- Increased availability and improved condition of riparian forests and other habitat corridors *An increase of lineal shoreland habitat permanently protected by easement or fee acquisition. An increase in the percent (%) of minor watersheds habitat being permanently protected.*

Programs in forest-prairie transition region:

- Rivers and streams provide corridors of habitat including intact areas of forest cover in the east and large wetland/upland complexes in the west *An increase of lineal shoreland habitat permanently protected by easement or fee acquisition. An increase in the percent (%) of minor watersheds habitat being permanently protected.*

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

Work for easements and acquisitions will be scaled down, and each partner will be given an allocation on an agreed upon amount.

Total Amount of Request: \$ 3150000

Budget and Cash Leverage

BudgetName	LSOHC Request	Anticipated Leverage	Leverage Source	Total
Personnel	\$380,500 329,500	\$124,800	private	\$505,300 454,300
Contracts	\$39,000 90,000	\$0		\$39,000 90,000
Fee Acquisition w/ PILT	\$1,401,000	\$0		\$1,401,000
Fee Acquisition w/o PILT	\$150,000	\$0		\$150,000
Easement Acquisition	\$888,900	\$0		\$888,900
Easement Stewardship	\$78,000	\$0		\$78,000
Travel	\$9,100 10,600	\$0		\$9,100 10,600
Professional Services	\$80,000	\$0		\$80,000
Direct Support Services	\$65,400 63,900	\$63,900	private	\$129,300 127,800
DNR Land Acquisition Costs	\$25,000	\$0		\$25,000
Capital Equipment	\$0	\$0		\$0
Other Equipment/Tools	\$1,500	\$0		\$1,500
Supplies/Materials	\$1,600	\$0		\$1,600
DNR IDP	\$30,000	\$0		\$30,000
Total	\$3,150,000	\$188,700		\$3,338,700

Personnel

Position	FTE	Over # of years	LSOHC Request	Anticipated Leverage	Leverage Source	Total
Program Coordinator	0.10	3.00	\$68,000 0	\$0		\$68,000 0
Administration	0.10	3.00	\$3,000 20,000	\$0		\$3,000 20,000
Protection and legal staff	0.80	3.00	\$260,000	\$124,800	private	\$384,800
Easement Processing	0.10	3.00	\$19,500	\$0		\$19,500
Program Management	0.10	3.00	\$30,000	\$0		\$30,000
Total	1.20	15.00	\$380,500 329,500	\$124,800		\$505,300 454,300

Budget and Cash Leverage by Partnership

BudgetName	Partnership	LSOHC Request	Anticipated Leverage	Leverage Source	Total
Personnel	MHB	\$71,000 20,000	\$0		\$71,000 20,000
Contracts	MHB	\$0 51,000	\$0		\$0 51,000
Fee Acquisition w/ PILT	MHB	\$0	\$0		\$0
Fee Acquisition w/o PILT	MHB	\$0	\$0		\$0
Easement Acquisition	MHB	\$0	\$0		\$0
Easement Stewardship	MHB	\$0	\$0		\$0
Travel	MHB	\$3,500 5,000	\$0		\$3,500 5,000
Professional Services	MHB	\$0	\$0		\$0
Direct Support Services	MHB	\$1,500 0	\$0		\$1,500 0
DNR Land Acquisition Costs	MHB	\$0	\$0		\$0
Capital Equipment	MHB	\$0	\$0		\$0
Other Equipment/Tools	MHB	\$0	\$0		\$0
Supplies/Materials	MHB	\$0	\$0		\$0
DNR IDP	MHB	\$0	\$0		\$0
Total		\$76,000	\$0		\$76,000

Personnel - MHB

Position	FTE	Over # of years	LSOHC Request	Anticipated Leverage	Leverage Source	Total
Program Coordinator	0.10	3.00	\$68,000.00	\$0		\$68,000.00
Administration	0.10	3.00	\$3,000.00	\$0		\$3,000.00
Total	0.20	6.00	\$71,000.00	\$0		\$71,000.00

Budget Name	Partnership	LSOHC Request	Anticipated Leverage	Leverage Source	Total
Personnel	TPL	\$260,000	\$124,800	private	\$384,800
Contracts	TPL	\$15,000	\$0		\$15,000
Fee Acquisition w/ PILT	TPL	\$1,401,000	\$0		\$1,401,000
Fee Acquisition w/o PILT	TPL	\$150,000	\$0		\$150,000
Easement Acquisition	TPL	\$0	\$0		\$0
Easement Stewardship	TPL	\$0	\$0		\$0
Travel	TPL	\$4,100	\$0		\$4,100
Professional Services	TPL	\$80,000	\$0		\$80,000
Direct Support Services	TPL	\$63,900	\$63,900	private	\$127,800
DNR Land Acquisition Costs	TPL	\$25,000	\$0		\$25,000
Capital Equipment	TPL	\$0	\$0		\$0
Other Equipment/Tools	TPL	\$0	\$0		\$0
Supplies/Materials	TPL	\$0	\$0		\$0
DNR IDP	TPL	\$30,000	\$0		\$30,000
Total		\$2,029,000	\$188,700		\$2,217,700

Personnel - TPL

Position	FTE	Over # of years	LSOHC Request	Anticipated Leverage	Leverage Source	Total
Protection and legal staff	0.80	3.00	\$260,000	\$124,800	private	\$384,800
Total	0.80	3.00	\$260,000	\$124,800		\$384,800

Budget Name	Partnership	LSOHC Request	Anticipated Leverage	Leverage Source	Total
Personnel	BWSR	\$49,500	\$0		\$49,500
Contracts	BWSR	\$24,000	\$0		\$24,000
Fee Acquisition w/ PILT	BWSR	\$0	\$0		\$0
Fee Acquisition w/o PILT	BWSR	\$0	\$0		\$0
Easement Acquisition	BWSR	\$888,900	\$0		\$888,900
Easement Stewardship	BWSR	\$78,000	\$0		\$78,000
Travel	BWSR	\$1,500	\$0		\$1,500
Professional Services	BWSR	\$0	\$0		\$0
Direct Support Services	BWSR	\$0	\$0		\$0
DNR Land Acquisition Costs	BWSR	\$0	\$0		\$0
Capital Equipment	BWSR	\$0	\$0		\$0
Other Equipment/Tools	BWSR	\$1,500	\$0		\$1,500
Supplies/Materials	BWSR	\$1,600	\$0		\$1,600
DNR IDP	BWSR	\$0	\$0		\$0
Total		\$1,045,000	\$0		\$1,045,000

Personnel - BWSR

Position	FTE	Over # of years	LSOHC Request	Anticipated Leverage	Leverage Source	Total
Easement Processing	0.10	3.00	\$19,500	\$0		\$19,500
Program Management	0.10	3.00	\$30,000	\$0		\$30,000
Total	0.20	6.00	\$49,500	\$0		\$49,500

Amount of Request: \$3,150,000

Amount of Leverage: \$188,700

Leverage as a percent of the Request: 5.99%

DSS + Personnel: \$445,900

As a % of the total request: 14.16%

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

Based on TPL's Federal reimbursement rate

Output Tables

Table 1a. Acres by Resource Type

Type	Wetlands	Prairies	Forest	Habitats	Total
Restore	0	0	0	0	0
Protect in Fee with State PILT Liability	0	0	350	0	350
Protect in Fee W/O State PILT Liability	0	0	40	0	40
Protect in Easement	0	0	440	0	440
Enhance	0	0	0	0	0
Total	0	0	830	0	830

Table 2. Total Funding by Resource Type

Type	Wetlands	Prairies	Forest	Habitats	Total
Restore	\$0	\$0	\$0	\$0	\$0
Protect in Fee with State PILT Liability	\$0	\$0	\$1,873,900	\$0	\$1,873,900
Protect in Fee W/O State PILT Liability	\$0	\$0	\$205,000	\$0	\$205,000
Protect in Easement	\$0	\$0	\$1,071,100	\$0	\$1,071,100
Enhance	\$0	\$0	\$0	\$0	\$0
Total	\$0	\$0	\$3,150,000	\$0	\$3,150,000

Table 3. Acres within each Ecological Section

Type	Metro Urban	ForestPrairie	SE Forest	Prairie	N Forest	Total
Restore	0	0	0	0	0	0
Protect in Fee with State PILT Liability	0	0	0	0	350	350
Protect in Fee W/O State PILT Liability	0	0	0	0	40	40
Protect in Easement	0	35	0	0	405	440
Enhance	0	0	0	0	0	0
Total	0	35	0	0	795	830

Table 4. Total Funding within each Ecological Section

Type	Metro Urban	ForestPrairie	SE Forest	Prairie	N Forest	Total
Restore	\$0	\$0	\$0	\$0	\$0	\$0
Protect in Fee with State PILT Liability	\$0	\$0	\$0	\$0	\$1,873,900	\$1,873,900
Protect in Fee W/O State PILT Liability	\$0	\$0	\$0	\$0	\$205,000	\$205,000
Protect in Easement	\$0	\$80,000	\$0	\$0	\$991,100	\$1,071,100
Enhance	\$0	\$0	\$0	\$0	\$0	\$0
Total	\$0	\$80,000	\$0	\$0	\$3,070,000	\$3,150,000

Table 5. Average Cost per Acre by Resource Type

Type	Wetlands	Prairies	Forest	Habitats
Restore	\$0	\$0	\$0	\$0
Protect in Fee with State PILT Liability	\$0	\$0	\$5354	\$0
Protect in Fee W/O State PILT Liability	\$0	\$0	\$5125	\$0
Protect in Easement	\$0	\$0	\$2434	\$0
Enhance	\$0	\$0	\$0	\$0

Table 6. Average Cost per Acre by Ecological Section

Type	Metro/Urban	Forest/Prairie	SE Forest	Prairie	Northern Forest
Restore	\$0	\$0	\$0	\$0	\$0
Protect in Fee with State PILT Liability	\$0	\$0	\$0	\$0	\$5354
Protect in Fee W/O State PILT Liability	\$0	\$0	\$0	\$0	\$5125
Protect in Easement	\$0	\$2286	\$0	\$0	\$2447
Enhance	\$0	\$0	\$0	\$0	\$0

Target Lake/Stream/River Feet or Miles

Mississippi River and Connecting Tributaries

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

No parcels with an activity type restore or enhance.

Section 2 - Protect Parcel List

Aitkin

Name	TRDS	Acres	Est Cost	Existing Protection?	Hunting?	Fishing?
Mississippi River, Aitkin	04727224	247	\$300,000	No	Full	Full
Palisade Wetland	05024227	712	\$640,000	No	Full	Full

Beltrami

Name	TRDS	Acres	Est Cost	Existing Protection?	Hunting?	Fishing?
Wo lf	14632236	460	\$2,000,000	No	Full	Full
Wo lf Lake-W	14632223	168	\$226,600	No	Full	Full

Crow Wing

Name	TRDS	Acres	Est Cost	Existing Protection?	Hunting?	Fishing?
Mississippi River, Baxter	13329223	600	\$1,800,000	No	Full	Full
Mississippi River, Buffalo	04431203	500	\$2,000,000	No	Full	Full
Mississippi River, Crow Wing State Forest North	04729220	159	\$500,000	No	Full	Full
Mississippi River, Crow Wing State Forrest South	04730225	358	\$700,000	No	Full	Full
Rabbit Lake TWP-L	13626234	263	\$503,000	No	Full	Full

Hubbard

Name	TRDS	Acres	Est Cost	Existing Protection?	Hunting?	Fishing?
La Salle Creek SNA	14435235	350	\$800,000	No	Full	Full
Scho olcraft River AMA	14533219	130	\$400,000	No	Full	Full

Section 2a - Protect Parcel with Bldgs

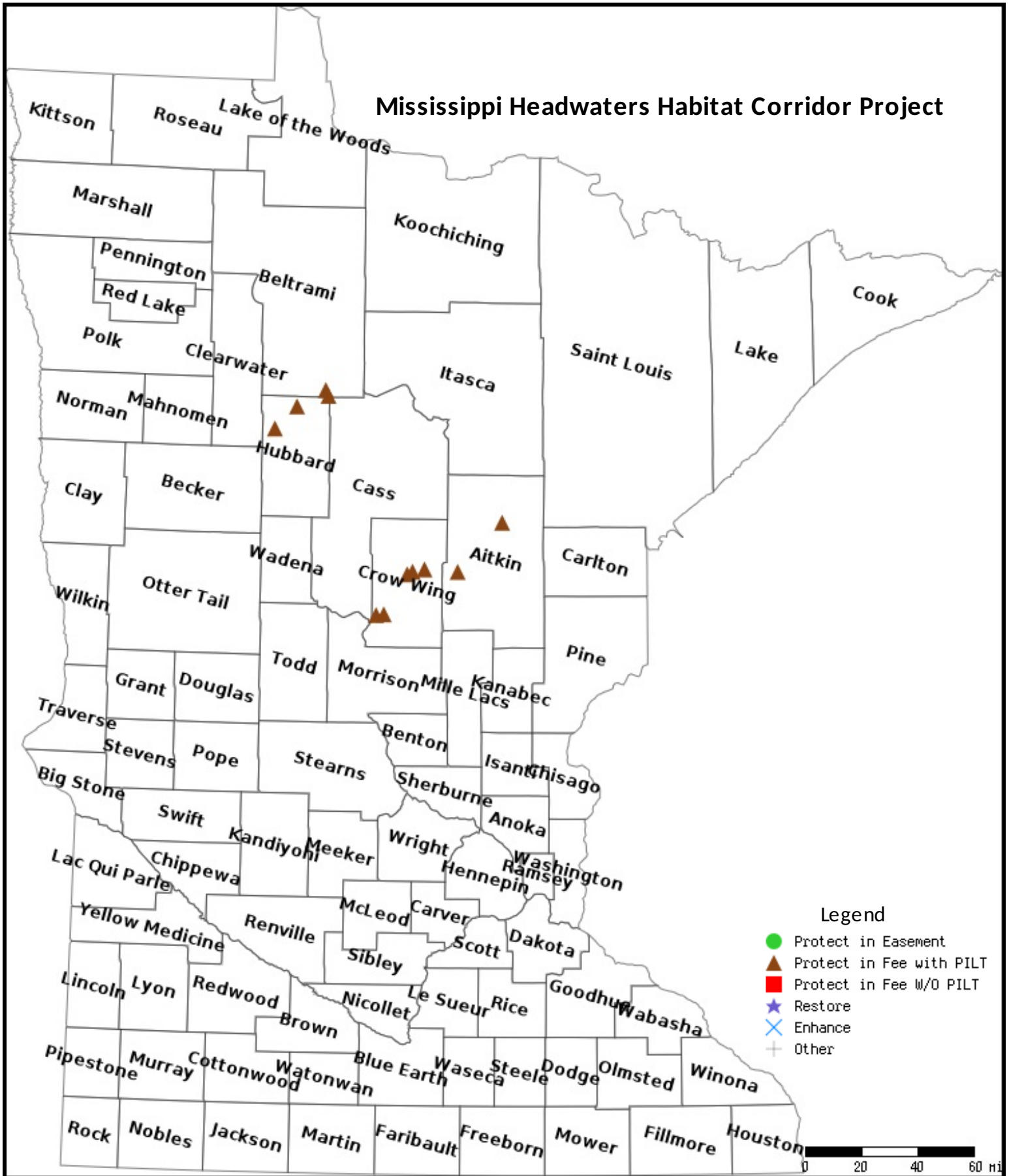
No parcels with an activity type protect and has buildings.

Section 3 - Other Parcel Activity

No parcels with an other activity type.

Parcel Map

Mississippi Headwaters Habitat Corridor Project



Data Generated From Parcel List