



Lessard-Sams Outdoor Heritage Council

Mississippi Headwaters Habitat Corridor Project - Phase IV Laws of Minnesota 2018 Accomplishment Plan

General Information

Date: 01/11/2022

Project Title: Mississippi Headwaters Habitat Corridor Project - Phase IV

Funds Recommended: \$2,998,000

Legislative Citation: ML 2018, Ch. 208, Art. 1, Sec. 2, subd 5(b)

Appropriation Language: \$2,073,000 the second year is to the commissioner of natural resources for agreements to acquire lands in fee and restore wildlife habitat in the Mississippi headwaters. Of this amount, \$73,000 is to the Mississippi Headwaters Board and \$2,000,000 is to The Trust for Public Land. \$925,000 the second year is to the Board of Water and Soil Resources to acquire lands in permanent conservation easements and to restore wildlife habitat, of which up to \$65,000 is for establishing 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.

Additional Legislative Changes: ML 2021, First Sp Session, Ch. 1, Art. 1, Sec. 2, Subd. 10 Carryforwards (a) The availability of the appropriations for the following projects is extended to June 30, 2022: (7) Laws 2018, chapter 208, article 1, section 2, subdivision 5, paragraph (b), for Mississippi Headwaters Habitat Corridor Project - Phase IV.

Amendment Description: TPL - We are requesting an amendment to add additional parcels (Hubbard County Forest Addition - Emmaville, Hubbard County Forest Addition - Schoolcraft) to our proposed parcel list and to adjust our budget. Specifically the budget will be adjusted as follows:

- Decrease Fee Acquisition w/ PILT to \$1,009,600
- Increase Fee Acquisition w/o PILT to \$699,200

CF / MN Heritage Forest parcel addition: Yes Hubbard County Forest Addition - Emmaville, and Hubbard County Forest Addition - Schoolcraft

Manager Information

Manager's Name: Tim Terrill

Title: Executive Director

Organization: Mississippi Headwaters Board

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Location Information

County Location(s): Aitkin, Beltrami, Crow Wing, Hubbard, Itasca and Morrison.

Eco regions in which work will take place:

- Northern Forest
- Forest / Prairie Transition

Activity types:

- Protect in Easement
- Protect in Fee

Priority resources addressed by activity:

- Prairie
- Forest

Narrative

Abstract

The Mississippi Headwaters Board (MHB) will work with the Board of Water & Soil Resources (BWSR), The Trust for Public Land (TPL), headwaters' counties and Soil & Water Conservation Districts (SWCDs) to protect and preserve targeted upland and aquatic habitats through fee title and permanent easement acquisition in high quality shoreland areas along the Mississippi River main stem, headwaters' reservoirs, and major Mississippi River tributaries.

Design and Scope of Work

The Mississippi River is known as "America's River"--the longest river in North America and third longest in the world-with its headwaters in Minnesota. It provides drinking water and recreational opportunity for millions of people and it is the embodiment of Minnesota's outdoor traditions. Strategic and well-placed lands in public ownership is essential to maintaining hunting, fishing, and game habitat along the Mississippi River. Public lands adjacent to private property are in danger of losing habitat connectivity because of continued development pressures on private lands which result in further habitat fragmentation. Accessibility to high quality lands and shorelands is essential to ensuring memorable hunting, fishing, and recreational experiences along and within the Mississippi River Corridor. In addition, 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, because it is well timbered and watered, it provides ideal support for

migrating birds. The Mississippi Headwaters supports more than 350 species of animals, mammals, and birds and it is an important national treasure which must be preserved.

The MHB and partners will use targeted fee title land acquisitions and permanent conservation easements to accomplish the goals of this project. All fee title acquisitions will be approved by the local governmental unit where the property is located and the MHB. The Mississippi River and its connecting tributaries and headwaters' lakes are essential to wildlife, bird, and waterfowl transportation and sustainability. The MHB will work in partnership with TPL to protect targeted priority lands using fee title acquisitions and in partnership with the BWSR and SWCDs in Clearwater, Beltrami, Hubbard, Cass, Itasca, Aitkin, Crow Wing, and Morrison counties to secure permanent Reinvest in Minnesota (RIM) conservation easements. Fee title acquisitions will protect against fragmentation of forest land and provide enhanced access to existing public land. Parcels identified as potential fee title acquisitions on the Mississippi River are shown on the attached map.

The MHB 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 project is met. The Department of Natural Resources (DNR) or individual counties will hold the fee title acquisitions and the BWSR will hold the RIM easements. A local Project Technical Committee will review and rank potential acquisitions and easements.

Local support for this project was obtained from the MHB counties through resolutions of support. This funding builds on the current success of Phases I & II of the Mississippi Headwaters Habitat Corridor Project.

How does the plan address habitats that have significant value for wildlife species of greatest conservation need, and/or threatened or endangered species, and list targeted species?

The first 400 miles of the Mississippi River--its headwaters--is historically a region of Minnesota with high quality fish and game habitat and is home to hundreds of species of wildlife, including many species of greatest conservation need and rare and endangered species identified through the MN County Biological Survey. Land conversion and forest fragmentation along the Mississippi River, its reservoirs and major tributaries in this headwaters region threaten the quality of fish and wildlife habitats and the connectivity of habitat complexes important for wildlife sustainability. Priority forest, wetland complexes, tributary confluences, strategic shorelands, and wild rice communities will be targeted for permanent conservation by this project to protect and maintain high quality habitat and insure habitat connectivity. This proposal will specifically protect habitat for these rare and endangered wildlife species: Blanding's Turtle, Gray wolf, Red Shoulder hawk, and the Northern Long Eared Bat.

Describe how the plan uses science-based targeting that leverages or expands corridors and complexes, reduces fragmentation or protects areas identified in the MN County Biological Survey:

This project emphasizes high quality, riparian tracts adjacent to public land to target the best land suitable for habitat protection. A multi-benefit model developed by the Minnesota DNR was utilized by the North Central Conservation Roundtable (NCCR) to identify and prioritize fish and wildlife habitat areas along and within the Mississippi River headwaters corridor. The NCCR is a group of non-governmental organizations along with state

and local agencies that meet quarterly to coordinate and develop strategy for the protection of upland and aquatic habitats in North Central Minnesota. In addition, the MHB's sub-watershed prioritization model will be utilized to identify public lands and key access points adjacent to critical habitat areas. Targeting private land adjacent to public land will help expand habitat corridors and complexes that currently exist. To select the best parcels for permanent protection the Project Technical Committee will utilize a ranking sheet of priority habitat features to score potential project parcels.

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

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

Which two 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

Does this program include leveraged funding?

-

Non-OHF Appropriations

| Year | Source | Amount |
|------|---------|----------|
| 2016 | Private | \$62,900 |

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

The BWSR will be responsible for maintenance, inspection and monitoring into perpetuity of RIM conservation easements. The BWSR partners with local SWCDs to carry-out oversight, monitoring and inspection of its RIM conservation easements. 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. SWCDs report to the BWSR on each site inspection conducted and partners' staff document findings. A non-compliance procedure is implemented when potential violations or problems are identified. Perpetual monitoring and stewardship costs have been calculated at \$6,500 per easement. The amount listed for Easement Stewardship cover costs of the SWCD regular monitoring, BWSR oversight, and any enforcement necessary. The fee title to lands acquired by TPL will be transferred to either the Minnesota DNR or the county for permanent ownership and stewardship. Lands in county ownership will be managed utilizing individual county land management plans and lands in state (DNR) ownership will be monitored and managed according to a DNR management plan.

Actions to Maintain Project Outcomes

| Year | Source of Funds | Step 1 | Step 2 | Step 3 |
|------|-----------------|--|--|---|
| 2021 | OHF | Work with landowners and agencies to determine interest and develop long term habitat priorities. | Utilize the RIM Easement Program and work with the BWSR and SWCDs to acquire, maintain, and monitor easements. | Perform on-site inspections for 5 consecutive years, and every 3 years thereafter. |
| 2021 | OHF | Work with landowners to determine interest and develop long term game, hunting and fishing priorities. | Work with TPL 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

Requirements

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

Yes

Will local government approval be sought prior to acquisition?

Yes

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

Yes

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

Yes

Who will manage the easement?

The SWCDs under contract to the BWSR.

Who will be the easement holder?

BWSR

Land Use

Will there be planting of any crop on OHF land purchased or restored in this program?

Yes

Explain what will be planted:

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?

False

Is this land currently open for hunting and fishing?

No

Will the land be open for hunting and fishing after completion?

Yes

Describe any variation from the State of Minnesota regulations:

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

Who will eventually own the fee title land?

Either the Minnesota DNR or a county within the headwaters region.

Will the eased land be open for public use?

No

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

Yes

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

~~Informal trails on private property are typically used for personal access for hunting on easement projects, fish informal trails on private property are typically used for personal access for hunting, and fishing, and occasionally as remnants 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 or roads are identified during the easement acquisition process. Some roads and trails, such as agricultural field accesses, are allowed to remain. For fee-title projects, there are some old and existing forest access trails that are remnants of forestry practices. On lands acquired by counties, they will be managed according to county forestry management plans. On lands acquired by the DNR, they will be managed according to a management plan consistent with their division.~~

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 SWCD. Land that is in fee title ownership by the DNR -will follow typical DNR management rules and monitoring plan. -Land acquired by the a County will follow a maintenance and monitoring plan developed by the specific county forest resource plans. For easements, a parcel list of easements acquired will be 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 or roads are identified during the easement acquisition process. Some roads and tails, 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 ~~ma~~ to be developed, if they be ~~de~~ contribute to easement maintenance or benefit the easement site (e.g. firebreaks, berm maintenance, etc.). Unauthorized trails identified during the monitoring process are in ~~veloped, 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.~~ iolation of the easement. No new trails are planned on fee-title projects.

How will maintenance and monitoring be accomplished?

The easements secured under this project will be managed as part of the 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 SWCDs, will implement a stewardship process to track, monitor quality and assure compliance with easement terms. Under the terms of the 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.

Timeline

| Activity Name | Estimated Completion Date |
|--|----------------------------------|
| Partners- Landowner negotiations, due dilligence, acquire land and convey to State or County | 6/30/21 |
| SWCDs- Complete conservation easements applications | 6/30/21 |
| BWSR- Process and acquire easements through the RIM program. | 6/30/21 |
| DNR, Counties- Acquire and manage land for habitat | 6/30/21 |
| MHB- Coordination, administration, reporting | 6/30/21 |

Date of Final Report Submission: 11/01/2021

Budget

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

Grand Totals Across All Partnerships

| Item | Funding Request | Antic. Leverage | Leverage Source | Total |
|-------------------------------|---------------------------------------|------------------------|------------------------|---------------------------------------|
| Personnel | \$196,600 | - | - | \$196,600 |
| Contracts | \$91,000 | - | - | \$91,000 |
| Fee Acquisition w/ PILT | \$1,208,800 \$1,009,600 | - | - | \$1,208,800 \$1,009,600 |
| Fee Acquisition w/o PILT | \$500,000 \$699,200 | - | - | \$500,000 \$699,200 |
| Easement Acquisition | \$762,500 | - | - | \$762,500 |
| Easement Stewardship | \$65,000 | - | - | \$65,000 |
| Travel | \$3,900 | - | - | \$3,900 |
| Professional Services | \$60,000 | - | - | \$60,000 |
| Direct Support Services | \$27,200 | \$27,200 | -, Private | \$46,800 |
| DNR Land Acquisition Costs | \$30,000 | - | - | \$30,000 |
| Capital Equipment | - | - | - | - |
| Other Equipment/Tools | \$2,300 | - | - | \$2,300 |
| Supplies/Materials | \$3,700 | - | - | \$3,700 |
| DNR IDP | \$47,000 | - | - | \$47,000 |
| Grand Total | \$2,998,000 | \$27,200 | - | \$3,017,600 |

Partner: BWSR

Totals

| Item | Funding Request | Antic. Leverage | Leverage Source | Total |
|-------------------------------|------------------|-----------------|-----------------|------------------|
| Personnel | \$71,900 | - | - | \$71,900 |
| Contracts | \$21,000 | - | - | \$21,000 |
| Fee Acquisition w/ PILT | - | - | - | - |
| Fee Acquisition w/o PILT | - | - | - | - |
| Easement Acquisition | \$762,500 | - | - | \$762,500 |
| Easement Stewardship | \$65,000 | - | - | \$65,000 |
| Travel | \$1,600 | - | - | \$1,600 |
| Professional Services | - | - | - | - |
| Direct Support Services | - | - | - | - |
| DNR Land Acquisition Costs | - | - | - | - |
| Capital Equipment | - | - | - | - |
| Other Equipment/Tools | \$2,300 | - | - | \$2,300 |
| Supplies/Materials | \$700 | - | - | \$700 |
| DNR IDP | - | - | - | - |
| Grand Total | \$925,000 | - | - | \$925,000 |

Personnel

| Position | Annual FTE | Years Working | Funding Request | Antic. Leverage | Leverage Source | Total |
|------------------------|------------|------------------|--------------------|--------------------|--------------------|----------|
| Program Management | 0.15 | 3.0 | \$45,000 | - | - | \$45,000 |
| Easement Processing | 0.13 | 3.0 | \$26,900 | - | - | \$26,900 |

Partner: MHB**Totals**

| Item | Funding Request | Antic. Leverage | Leverage Source | Total |
|-------------------------------|-----------------|-----------------|-----------------|-----------------|
| Personnel | \$20,000 | - | - | \$20,000 |
| Contracts | \$50,000 | - | - | \$50,000 |
| Fee Acquisition w/ PILT | - | - | - | - |
| Fee Acquisition w/o PILT | - | - | - | - |
| Easement Acquisition | - | - | - | - |
| Easement Stewardship | - | - | - | - |
| Travel | - | - | - | - |
| Professional Services | - | - | - | - |
| Direct Support Services | - | - | - | - |
| DNR Land Acquisition Costs | - | - | - | - |
| Capital Equipment | - | - | - | - |
| Other Equipment/Tools | - | - | - | - |
| Supplies/Materials | \$3,000 | - | - | \$3,000 |
| DNR IDP | - | - | - | - |
| Grand Total | \$73,000 | - | - | \$73,000 |

Personnel

| Position | Annual FTE | Years Working | Funding Request | Antic. Leverage | Leverage Source | Total |
|----------------|------------|---------------|-----------------|-----------------|-----------------|----------|
| Administration | 0.1 | 3.0 | \$20,000 | - | - | \$20,000 |

Partner: TPL**Totals**

| Item | Funding Request | Antic. Leverage | Leverage Source | Total |
|-------------------------------|---------------------------------------|-----------------|-----------------|---------------------------------------|
| Personnel | \$104,700 | - | - | \$104,700 |
| Contracts | \$20,000 | - | - | \$20,000 |
| Fee Acquisition w/ PILT | \$1,208,800 \$1,009,600 | - | - | \$1,208,800 \$1,009,600 |
| Fee Acquisition w/o PILT | \$500,000 \$699,200 | - | - | \$500,000 \$699,200 |
| Easement Acquisition | - | - | - | - |
| Easement Stewardship | - | - | - | - |
| Travel | \$2,300 | - | - | \$2,300 |
| Professional Services | \$60,000 | - | - | \$60,000 |
| Direct Support Services | \$27,200 | \$27,200 | Private | \$46,800 |
| DNR Land Acquisition Costs | \$30,000 | - | - | \$30,000 |
| Capital Equipment | - | - | - | - |
| Other Equipment/Tools | - | - | - | - |
| Supplies/Materials | - | - | - | - |
| DNR IDP | \$47,000 | - | - | \$47,000 |
| Grand Total | \$2,000,000 | \$27,200 | - | \$2,019,600 |

Personnel

| Position | Annual FTE | Years Working | Funding Request | Antic. Leverage | Leverage Source | Total |
|-------------------------------|------------|---------------|-----------------|-----------------|-----------------|-----------|
| Protection and Legal Staff | 0.15 | 3.0 | \$104,700 | - | - | \$104,700 |

Amount of Request: \$2,998,000

Amount of Leverage: \$27,200

Leverage as a percent of the Request: 0.91%

DSS + Personnel: \$223,800

As a % of the total request: 7.46%

Easement Stewardship: \$65,000

As a % of the Easement Acquisition: 8.52%

How will this program accommodate the reduced appropriation recommendation from the original proposed requested amount?

For the most part, the number of acquisitions and easements completed will be reduced proportionately to the original proposal. Program management costs would be the exception due to program development and oversight costs remaining consistent regardless of the appropriation amount.

Describe and explain leverage source and confirmation of funds:

TPL has committed to contributing half of its DSS as leverage for this project.

Contracts

What is included in the contracts line?

No R/E work

Easement Stewardship

What is the number of easements anticipated, cost per easement for stewardship, and explain how that amount is calculated?

Travel

Does the amount in the travel line include equipment/vehicle rental?

-

Explain the amount in the travel line outside of traditional travel costs of mileage, food, and lodging

I understand and agree that lodging, meals, and mileage must comply with the current MMB Commissioner Plan:

No

Direct Support Services

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

Based on TPL's federal reimbursement rate

Federal Funds

Do you anticipate federal funds as a match for this program?

No

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

| Type | Wetland | Prairie | Forest | Habitat | Total Acres |
|--|----------|-----------|------------|----------|-------------|
| Restore | 0 | 0 | 0 | 0 | 0 |
| Protect in Fee with State PILT Liability | 0 | 50 | 280 | 0 | 330 |
| Protect in Fee w/o State PILT Liability | 0 | 0 | 135 | 0 | 135 |
| Protect in Easement | 0 | 0 | 390 | 0 | 390 |
| Enhance | 0 | 0 | 0 | 0 | 0 |
| Total | 0 | 50 | 805 | 0 | 855 |

Total Requested Funding by Resource Type (Table 2)

| Type | Wetland | Prairie | Forest | Habitat | Total Funding |
|--|----------|------------------|--------------------|----------|--------------------|
| Restore | - | - | - | - | - |
| Protect in Fee with State PILT Liability | - | \$200,000 | \$1,268,500 | - | \$1,468,500 |
| Protect in Fee w/o State PILT Liability | - | - | \$568,000 | - | \$568,000 |
| Protect in Easement | - | - | \$961,500 | - | \$961,500 |
| Enhance | - | - | - | - | - |
| Total | - | \$200,000 | \$2,798,000 | - | \$2,998,000 |

Acres within each Ecological Section (Table 3)

| Type | Metro/Urban | Forest/Prairie | SE Forest | Prairie | N. Forest | Total Acres |
|--|-------------|----------------|-----------|----------|------------|-------------|
| Restore | 0 | 0 | 0 | 0 | 0 | 0 |
| Protect in Fee with State PILT Liability | 0 | 50 | 0 | 0 | 280 | 330 |
| Protect in Fee w/o State PILT Liability | 0 | 0 | 0 | 0 | 135 | 135 |
| Protect in Easement | 0 | 0 | 0 | 0 | 390 | 390 |
| Enhance | 0 | 0 | 0 | 0 | 0 | 0 |
| Total | 0 | 50 | 0 | 0 | 805 | 855 |

Total Requested Funding within each Ecological Section (Table 4)

| Type | Metro/Urban | Forest/Prairie | SE Forest | Prairie | N. Forest | Total Funding |
|--|-------------|------------------|-----------|----------|--------------------|--------------------|
| Restore | - | - | - | - | - | - |
| Protect in Fee with State PILT Liability | - | \$200,000 | - | - | \$1,268,500 | \$1,468,500 |
| Protect in Fee w/o State PILT Liability | - | - | - | - | \$568,000 | \$568,000 |
| Protect in Easement | - | - | - | - | \$961,500 | \$961,500 |
| Enhance | - | - | - | - | - | - |
| Total | - | \$200,000 | - | - | \$2,798,000 | \$2,998,000 |

Average Cost per Acre by Resource Type (Table 5)

| Type | Wetland | Prairie | Forest | Habitat |
|--|---------|---------|---------|---------|
| Restore | - | - | - | - |
| Protect in Fee with State PILT Liability | - | \$4,000 | \$4,530 | - |
| Protect in Fee w/o State PILT Liability | - | - | \$4,207 | - |
| Protect in Easement | - | - | \$2,465 | - |
| Enhance | - | - | - | - |

Average Cost per Acre by Ecological Section (Table 6)

| Type | Metro/Urban | Forest/Prairie | SE Forest | Prairie | N. Forest |
|--|-------------|----------------|-----------|---------|-----------|
| Restore | - | - | - | - | - |
| Protect in Fee with State PILT Liability | - | \$4,000 | - | - | \$4,530 |

| | | | | | |
|--|---|---|---|---|---------|
| Protect in Fee w/o State PILT Liability | - | - | - | - | \$4,207 |
| Protect in Easement | - | - | - | - | \$2,465 |
| Enhance | - | - | - | - | - |

Target Lake/Stream/River Feet or Miles

4 miles

Outcomes

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.*

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.*

Parcels

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.

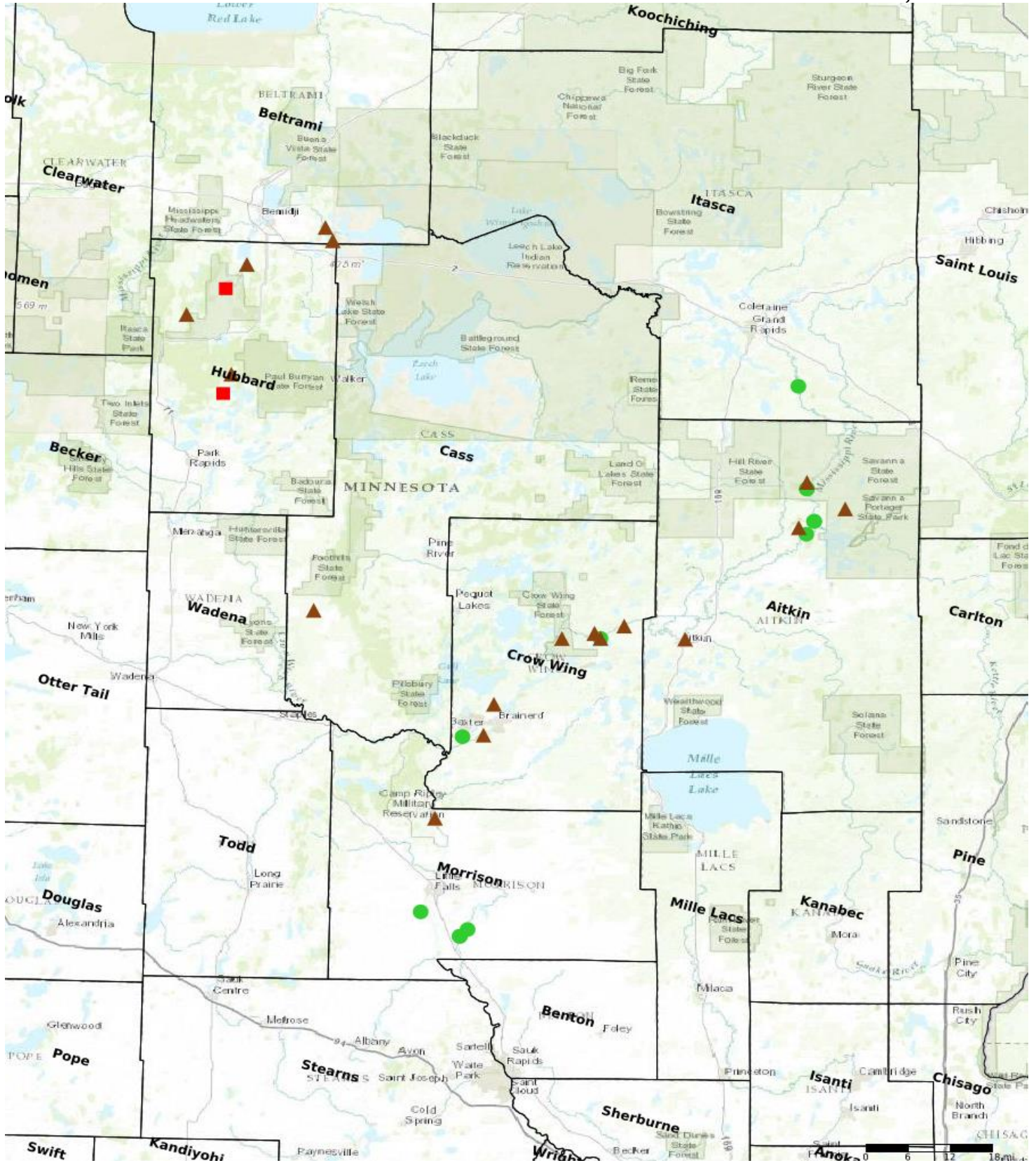
Sign-up Criteria?

No

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

Protect Parcels

| Name | County | TRDS | Acres | Est Cost | Existing Protection |
|---|----------------|-----------------|------------|------------------|---------------------|
| 01-01-19-13- - | Aitkin | 05124227 | 64 | \$50,400 | No |
| 01-02-19-13- - | Aitkin | 05124227 | 69 | \$55,600 | No |
| 01-02-20-15- - | Aitkin | 05024223 | 118 | \$46,600 | No |
| 01-06-20-15- - | Aitkin | 05024223 | 127 | \$70,300 | No |
| 01-07-18-13- - | Aitkin | 05024234 | 113 | \$63,000 | No |
| Palisade | Aitkin | 05024228 | 712 | \$800,000 | No |
| Savanna Esker | Aitkin | 05023209 | 63 | \$85,374 | No |
| Savanna State Forest Addition | Aitkin | 05124222 | 163 | \$210,000 | No |
| Sissabagamah Creek | Aitkin | 04727224 | 216 | \$238,000 | No |
| Island Point | Beltrami | 13632215 | 166 | \$430,000 | No |
| Wolf Lake | Beltrami | 14632223 | 168 | \$549,000 | No |
| Wolf Lake II | Beltrami | 14632236 | 460 | \$2,000,000 | No |
| 18-01-19-13- - | Crow Wing | 13329223 | 20 | \$20,900 | No |
| 18-05-19-13- - | Crow Wing | 04728219 | 64 | \$70,500 | No |
| Buffalo | Crow Wing | 04431203 | 500 | \$2,000,000 | No |
| Crow Wing Forest North | Crow Wing | 04729220 | 64 | \$205,000 | No |
| Gilbert Lake AMA Addition | Crow Wing | 13428228 | 64 | \$775,000 | No |
| Indian Jack Lake | Crow Wing | 13626234 | 263 | \$600,000 | No |
| Indian Jack Lake WMA II | Crow Wing | 13626234 | 35 | \$135,000 | No |
| Rabbit Lake Township | Crow Wing | 04728219 | 73 | \$300,000 | No |
| Rabbit Lake Township II | Crow Wing | 04728210 | 159 | \$640,000 | No |
| <u>Hubbard County Forest Addition - Emmaville</u> | <u>Hubbard</u> | <u>14234234</u> | <u>560</u> | <u>\$840,000</u> | <u>No</u> |
| <u>Hubbard County Forest Addition - Schoolcraft</u> | <u>Hubbard</u> | <u>14434210</u> | <u>160</u> | <u>\$240,000</u> | <u>No</u> |
| LaSalle Creek SNA | Hubbard | 14435235 | 350 | \$800,000 | No |
| Laden Lake | Hubbard | 14234214 | 2,500 | \$5,000,000 | No |
| Schoolcraft River AMA | Hubbard | 14533219 | 130 | \$400,000 | No |
| 31-01-19-13- - | Itasca | 05324204 | 91 | \$38,600 | No |
| 49-01-19-13- - | Morrison | 03932212 | 72 | \$102,700 | No |
| 49-02-20-15- - | Morrison | 03932214 | 38 | \$50,100 | No |
| 49-03-20-15- - | Morrison | 12830201 | 76 | \$106,800 | No |
| 49-04-20-15- - | Morrison | 03932214 | 59 | \$70,100 | No |
| Morrison Monahan | Morrison | 04232210 | 40 | \$160,000 | No |



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

Parcel Map
Mississippi Headwaters Habitat Corridor Project -
Phase IV
(Data Generated From Parcel List)

