

Lessard-Sams Outdoor Heritage Council

Fiscal Year 2022 / ML 2021 Request for Funding



Date: June 23, 2020

Program or Project Title: Minnesota Forests for the Future Phase 8 (FA02)

Funds Requested: \$8,417,600

Manager's Name: Christine Ostern

Organization: MN DNR

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County Locations: Becker, Cass, Crow Wing, Hubbard, Morrison, Rice, Sherburne, and St. Louis.

Eco regions in which work will take place:

- Northern Forest
- Southeast Forest

Activity types:

- Protect in Easement
- Protect in Fee

Priority resources addressed by activity:

- Wetlands
- Forest
- Habitat

Abstract:

The MN Forests for the Future Program will use \$8,417,600 in the Northern, Southeast and Transition Forest sections to protect 3,210 acres of habitat with permanent working forest conservation easements and 660 acres of habitat in strategic fee title acquisition. Phase 8 builds upon past land protection work and focuses on permanently protecting working forests threatened by conversion to non-forest uses. This program will also protect habitat in priority cold-water refuge watersheds by implementing protection strategies identified in local watershed plans. This program protects and provides habitat for wildlife, conserves water, and supports tourism and timber economies.

Design and scope of work:

The work proposed in Minnesota Forests for the Future Phase 8 focuses on protection of forest, shoreline and wetland habitat in the northern forest, forest/prairie transition and southeastern forest regions. The program targets forested regions of the state where large blocks of forest are threatened by conversion and parcelization. Forty-four percent of forests in Minnesota, or nearly 7.5 million acres, are privately-owned and at risk of fragmentation or conversion. Since 2008, Minnesota has experienced some of the highest conversion rates in the United States including portions of North Central Minnesota within the Mississippi Headwaters Basin. This program will protect forests through permanent working forest conservation easements and to a lesser extent strategic fee title acquisitions. Protecting large blocks of private and public forest will have multiple benefits by conserving critical habitat, maintaining forested land cover essential for water quality and quantity, and by sustaining the legacy of forested lands in Minnesota. The program will focus its work within the Mississippi Headwaters, North Shore and Southeast with the goal of meeting demand of private landowners, building on past work and utilizing strong partnerships in those areas. More specifically, key watershed and landscape focus areas include: the North Shore Highlands, the Pine Moraines and Outwash Plains, the Anoka Sand Plain, the Big Woods and priority Cisco lakes watersheds.

All land protected through working forest conservation easements will protect intact forests and keep them in private ownership. The conservation easements include guidelines that have been developed and implemented for more than 15 years through the Minnesota Forests for the Future Program. A forest management plan is included with the conservation easement. To ensure permanent protection, ongoing stewardship includes annual landowner meetings, on-site monitoring, responding to landowner inquiries, and resolving easement violations.

In-holdings or parcels adjacent to state forest land will be targeted for strategic fee acquisition and will become part of the Minnesota State Forest system thereby protecting critical forest habitat while also offering public recreation opportunities. Acquisition of these fee lands will also increase management efficiency and allow for improved habitat management.

The program will focus on protection of large blocks of forest land and target those parcels adjacent to land already protected by conservation easements or in public ownership to create even larger complexes of intact forest. This work is critical to conserving wildlife like fisher and moose who require large, intact forests. These strategies will provide perpetual protection for fish, game and wildlife that inhabit the array of forested landscapes in our state.

Land cover and land use directly impacts the water quality and quantity in our state. By protecting forested lands in key areas, this program will also protect drinking water, recharge aquifers, reduce nutrient and sediment into lakes, rivers, and streams, protect floodplains, and sustain fisheries. Protection of forested land is also critical for local economies including tourism, timber and for outdoor recreation opportunities.

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

Targeted habitats of our proposal include: upland conifer forests, upland hardwood forests, non-forested (shrub) wetlands, open peatlands and stream and lake shoreline. Protection of these forest lands and associated habitat will provide critical habitat for key forest game species including upland birds (turkey, woodcock, ruffed grouse, sharp-tailed grouse), white-tail deer, moose, black bear, fisher, pine marten and waterfowl as well as songbird and other non-game wildlife species. Forested and wetland habitat protection will occur in priority conservation areas as identified in several statewide planning efforts such as The Nature Conservancy's Superior Mixed Forest Ecoregional Plan. Specifically, several parcels have been identified that rest within the Pine Moraines and Outwash Plains subsection and the Mille Lacs Uplands subsection. In the Pine Moraines and Outwash Plains ecological subsection, wildlife using this habitat include bald eagles, red-shouldered hawks, gray wolves, sandhill cranes, common loons and eastern hognose snakes.

In the Northern Forest Section, there are over 55 Species in Greatest Conservation Need (SGCN) including gray wolf, bald eagle, northern goshawk, red-shouldered hawk, black-throated blue warbler, wood turtle and four-toed salamander that use forest and woodland habitats in this section. In the Forest/Prairie Transition Section, there are over 45 SGCN including the cerulean warbler and least weasel that use forest and woodland habitat in this section. In the Southeast Forest Section, there are over 50 SGCN including the Louisiana waterthrush, wood thrush and numerous species of migratory warblers that use forest and woodland habitats in this section. In total, this proposal supports protection of habitat with significant value for 150 Species in Greatest Conservation Need (SGCN).

What is the degree of timing/opportunistic urgency and why it is necessary to spend public money for this work as soon as possible:

Approximately forty-four percent of forest land in Minnesota, or nearly 7.5 million acres, are privately-owned and at risk of fragmentation and/or conversion to non-forest uses. The Pineland Sands and other portions of the Mississippi Headwaters Basin has seen some of the highest rates of fragmentation and conversion, risking groundwater contamination. Maintaining working forests within healthy watersheds through this program will not only protect critical endangered habitat but also has the added benefits of reducing the risk of groundwater contamination, recharging aquifers and reducing nutrient and sediment to lakes, rivers and streams while supporting the forest products industry and local recreational-based economies. Public investment is needed to maintain forest habitat and diversity at this scale which provides the foundation for improved public benefits to fish, game and wildlife habitat; long-term ecosystem integrity; improved water quality and quantity including clean drinking water; strong local economies and outdoor recreation opportunities.

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

Minnesota Forests for the Future Program uses GIS analysis to expand protection of large habitat blocks and corridors. The tracts of forest land targeted for protection with this program have some, if not all, of the following traits: are currently unprotected inholdings; large tracts that have been identified by the Minnesota County Biological Survey (including identified sites of high quality biodiversity significance); corridors and habitat identified by the State Wildlife Action Plan as significant; presence of rare species and Species in

Conservation Need or the habitat that support those species; and are adjacent to other protected land so that complexes can be protected and management improved. In addition we consult with local and regional watershed and landscape planning efforts such as The Nature Conservancy's Multiple Benefit Analysis, DNR's Lake Superior Area Management Plan, PCA's watershed planning efforts, BWSR's and local SWCD's One Watershed One Plan efforts, the MFRC's Southeast Minnesota Landscape Plan, North Central Landscape Plan and Northeast Landscape Plan.

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

- LU8 Protect large blocks of forest land
- LU10 Support and expand sustainable practices on working forested lands

Which other plans are addressed in this proposal:

- Minnesota's Wildlife Action Plan 2015-2025
- Outdoor Heritage Fund: A 25 Year Framework

Describe how your program will advance the indicators identified in the plans selected:

Priority actions from the OHF A 25-year Framework for the Northern Forest, Transition and Southeast Forest Sections addressed by this proposal are: a)Protect shoreland and critical habitat on wild rice lakes, shallow lakes, wetlands, cold water lakes, stream and rivers and spawning areas; b)Enhance and restore coldwater fisheries systems; c)Protect habitat for fish, game and nongame wildlife in rivers, cold-water streams and associated upland habitat; d)Protect forestland and forest habitat through acquisition or easement to prevent parcelization and fragmentation and to provide the ability to access and manage landlocked public properties.

The Minnesota Forests for the Future Program protects large blocks of managed forest habitat providing permanent protection for fish, game and wildlife by protecting intact forest before it is lost. This proposal supports protection of habitat with significant value for 150 Species in Greatest Conservation Need (SGCN).

Which LSOHC section priorities are addressed in this proposal:

Northern Forest:

- Provide access to manage habitat on landlocked public properties or protect forest land from parcelization and fragmentation through fee acquisition, conservation or access easement

Southeast Forest:

- Protect forest habitat through acquisition in fee or easement to prevent parcelization and fragmentation and to provide the ability to access and manage landlocked public properties

Describe how your program will produce and demonstrate a significant and permanent conservation legacy and/or outcomes for fish, game, and wildlife as indicated in the LSOHC priorities:

The Minnesota Forests for the Future Program targets conservation easements and state forest acquisition to protect large blocks of managed forest habitat. These strategies will provide perpetual protection for fish, game and wildlife by protecting intact forests for the benefit of both forest-dwelling species and by protecting water quality in lakes, river and streams for the benefit of all species that live in that watershed. To help reach this goal, the program has identified projects with critical shoreline and strategies that match with local watershed plans. By protecting working forests critical to water quality, this program acknowledges and maintains the connections between upland forest, riparian forest and wetlands that are essential for biodiversity and wildlife movement. Most critically, this program protects habitat and water quality for fish, game and wildlife in perpetuity before it is lost, fragmented or degraded.

Priority actions from the OHF A 25-year Framework for the Northern Forest, Forest/Prairie Transition and Southeast Forest Sections addressed by this proposal are:

- Protect shoreland and restore or enhance critical habitat on wild rice lakes, shallow lakes, wetlands, cold water lakes, stream and rivers and spawning areas;
- Enhance and restore coldwater fisheries systems;
- Protect, enhance and restore habitat for fish, game and nongame wildlife in rivers, cold-water streams and associated upland habitat;
- Protect forestland and forest habitat through acquisition or easement to prevent parcelization and fragmentation and to provide the ability to access and manage landlocked public properties.

Relationship to other funds:

- Clean Water Fund

Describe the relationship of the funds:

The Minnesota Forests for the Future Program supports Clean Water Fund goals for watershed protection.

Does this program include leverage in funds:

Yes

Included in this proposal is leverage from the federal Forest Legacy Program contributed through an annual administrative grant.

Per MS 97A.056, Subd. 24, Any state agency or organization requesting a direct appropriation from the OHF must inform the LSOHC at the time of the request for funding is made, whether the request is supplanting or is a substitution for any previous funding that was not from a legacy fund and was used for the same purpose:

This request would fund new projects that would not be implemented but for the appropriation.

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

Appropriation Year	Source	Amount
2012	The Nature Conservancy	\$1,437,900
2017	US Forest Service	\$40,000
2018	US Forest Service	\$40,000
2019	US Forest Service	\$40,000
2012	Reinvest in Minnesota	\$229,100
2012	State Bonding - Minnesota Forests for the Future	\$231,551
2012	State Bonding - Reforestation	\$80,320
2013	State Bonding - Reforestation	\$187,687
2014	State Bonding - Reforestation	\$54,827
2014	Wild Turkey Federation, Minnesota Deer Hunters	\$10,000
2015	Wild Turkey Federation, Minnesota Deer Hunters	\$10,000
2016	Wild Turkey Federation, Minnesota Deer Hunters	\$10,000

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

All land protected through permanent conservation easements will be sustained through set guidelines for conservation easement stewardship that have been developed and implemented for more than 15 years through the Minnesota Forests for the Future Program. Easement stewardship incorporates annual landowner meetings, annual on-site monitoring of all properties, records management, responding to landowner inquiries, tracking ownership changes and addressing and resolving easement violations. Landowners of land in conservation easement are required to obtain and follow a certified Woodland Stewardship Plan. Funding for easement stewardship is included in this proposal.

Fee lands acquired will become part of the Minnesota State Forest system. In-holdings or parcels adjacent to state forest land have been targeted for fee acquisition. Acquisition of these lands will increase management efficiency, habitat management and public recreation opportunities through consolidation. Funding for state forest management comes from the Forest Management Investment Account.

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

Year	Source of Funds	Step 1	Step 2	Step 3
Annually/perpetually	OHF - Easement Stewardship Account	Monitor easements annually and enforce easement terms through annual landowner contact and on-site monitoring	Annually review forest management activities and review and regularly update Forest Stewardship Plans	

Identify indicator species and associated quantities this habitat will typically support:

Moose – proposal will protect moose habitat on 560 acres in the North Shore Highlands and 270 acres of habitat important for moose in the Northern Forest potentially supporting 41 additional moose.

Ruffed Grouse – proposal will protect and maintain diverse and productive landscapes for Ruffed Grouse over approximately 3700 acres which may contribute over 7,000 additional Ruffed Grouse.

Black Bear – proposal will protect and maintain forest land in black bear habitat over approximately 3700 acres to support potentially over 180 additional black bear.

Black-throated Blue Warbler – proposal will protect and maintain approximately 750 acres of upland deciduous forest of suitable habitat to support potentially 700 additional individuals of Black-throated Blue Warbler.

Activity Details

Requirements:

If funded, this proposal will meet all applicable criteria set forth in MS 97A.056 - **Yes**

Will county board or other local government approval be formally sought prior to acquisition, per 97A.056 subd 13(j) - **No**

Local government approval is not currently required for such acquisitions, however, it is the policy of the DNR to notify county boards of all acquisitions prior to closing for their information and to solicit comments and concerns. In the case of the Hubbard County parcels for fee title acquisition, the county board was supportive of these parcels becoming managed State Forest land.

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**

Do you anticipate federal funds as a match for this program - **Yes**

Are the funds confirmed - **No**

What is the approximate date you anticipate receiving confirmation of the federal funds - **The funds are confirmed annually; approximately in August of each year.**

Land Use:

Will there be planting of corn or any crop on OHF land purchased or restored in this program - **No**

Is this land currently open for hunting and fishing - **Yes**

Not Listed

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

Not Listed

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

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:

Forest access roads and trails have been developed to aid in forest management practices. These roads will be maintained to provide ongoing access for forestry, fisheries and wildlife management activities on the properties. On fee lands, roads and trails will provide both public recreational access to state forest lands and access for management purposes.

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

How will maintenance and monitoring be accomplished:

Maintenance of forest access roads and trails will be the responsibility of the landowner, either private landowners of the State Forest administrator. Monitoring of roads and trails will be conducted as part of the annual easement monitoring of the eased properties. The DNR has a monitoring and reporting plan in place that involves the Divisions of Forestry, Parks and Trails and Enforcement. This includes annual spring (and other wet season) closures, reporting issues and enforcement actions when necessary.

Will new trails or roads be developed or improved as a result of the OHF acquisition - **No**

Will the land that you acquire (fee or easement) be restored or enhanced within this proposals funding and availability? - **No**

Explain how, when, and source of the R/E work:

Not Listed

Land Use:

Have you received OHF dollars in the past through LSOHC? - Yes

Past appropriations and spending to date:

Apprp Year	Approp Amount Received	Approp Amount Spent to Date	Leverage as Reported in AP/th>	Leverage Realized to Date	Total Acres Affected in AP	Total Acres Affected to Date	Program Complete and Final Report Approved?
2016	1840000	1082000	0	0	3200	3217	no
2016	1000000	0	0	0	379	0	no
2017	2291000	0	1130000	900000	4000	0	no
2018	1473000	742000	150000	0	1220	472	no
2019	4573000	303000	305000	0	2000	240	no

Accomplishment Timeline

Activity	Approximate Date Completed
Acquire working forest conservation easements	June 30, 2024
Develop conservation easement monitoring plans, forest stewardship plans, dedicate easement stewardship	June 30, 2024
Acquire new state forest land	June 30, 2024

Budget Spreadsheet

Total Amount of Request: \$8,417,600

Budget and Cash Leverage

BudgetName	LSOHC Request	Anticipated Leverage	Leverage Source	Total
Personnel	\$75,000	\$120,000	US Forest Service	\$195,000
Contracts	\$0	\$0		\$0
Fee Acquisition w/ PILT	\$960,000	\$0		\$960,000
Fee Acquisition w/o PILT	\$0	\$0		\$0
Easement Acquisition	\$6,679,000	\$0		\$6,679,000
Easement Stewardship	\$305,000	\$0		\$305,000
Travel	\$0	\$0		\$0
Professional Services	\$385,600	\$0		\$385,600
Direct Support Services	\$12,000	\$0		\$12,000
DNR Land Acquisition Costs	\$0	\$0		\$0
Capital Equipment	\$0	\$0		\$0
Other Equipment/Tools	\$0	\$0		\$0
Supplies/Materials	\$1,000	\$0		\$1,000
DNR IDP	\$0	\$0		\$0
Total	\$8,417,600	\$120,000	-	\$8,537,600

Personnel

Position	FTE	Over # of years	LSOHC Request	Anticipated Leverage	Leverage Source	Total
Forest Legacy Coordinator	0.25	3.00	\$75,000	\$120,000	US Forest Service	\$195,000
Total	0.25	3.00	\$75,000	\$120,000	-	\$195,000

Amount of Request: \$8,417,600
 Amount of Leverage: \$120,000
 Leverage as a percent of the Request: 1.43%
 DSS + Personnel: \$87,000
 As a % of the total request: 1.03%
 Easement Stewardship: \$305,000
 As a % of the Easement Acquisition: 4.57%

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

DNR Direct and Necessary Cost Calculator - subtractive model

Describe and explain leverage source and confirmation of funds:

The federal contribution is an on-going annual administrative grant received by the Division of Forestry, Forest Legacy/Minnesota Forests for the Future Program.

Does this proposal have the ability to be scalable? - Yes

Tell us how this project would be scaled and how administrative costs are affected, describe the “economy of scale” and how outputs would change with reduced funding, if applicable:

The number of easements in the northern portion of the state would be reduced to accommodate a reduction in available funding. Subsequently, the easement stewardship would be reduced by approximately \$20,000-\$25,000 per easement eliminated. Transactional costs would also be reduced according to a reduction in acquisitions.

What is the cost per easement for stewardship and explain how that amount is calculated?

DNR easement stewardship calculator with an average of \$20,000 - \$25,000 per easement and 13 - 15 easements expected.

Has funding for these positions been requested in the past? - Yes

Please explain the overlap of past and future staffing and position levels previously received and how that is coordinated over multiple years?

There has been a gap between funding and a reduction in staff, therefore there has not been any overlap. There is currently no funding being utilized for staffing positions.

What is the anticipated number of fee title acquisition transactions?

There is one anticipated fee title acquisition in this proposal.

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	660	0	660
Protect in Fee W/O State PILT Liability	0	0	0	0	0
Protect in Easement	0	0	3,210	0	3,210
Enhance	0	0	0	0	0
Total	0	0	3,870	0	3,870

Table 2. Total Requested 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	\$1,040,800	\$0	\$1,040,800
Protect in Fee W/O State PILT Liability	\$0	\$0	\$0	\$0	\$0
Protect in Easement	\$0	\$0	\$7,376,800	\$0	\$7,376,800
Enhance	\$0	\$0	\$0	\$0	\$0
Total	\$0	\$0	\$8,417,600	\$0	\$8,417,600

Table 3. Acres within each Ecological Section

Type	Metro/Urban	Forest/Prairie	SE Forest	Prairie	Northern Forest	Total
Restore	0	0	0	0	0	0
Protect in Fee with State PILT Liability	0	0	0	0	660	660
Protect in Fee W/O State PILT Liability	0	0	0	0	0	0
Protect in Easement	0	0	19	0	3,191	3,210
Enhance	0	0	0	0	0	0
Total	0	0	19	0	3,851	3,870

Table 4. Total Requested Funding within each Ecological Section

Type	Metro/Urban	Forest/Prairie	SE Forest	Prairie	Northern Forest	Total
Restore	\$0	\$0	\$0	\$0	\$0	\$0
Protect in Fee with State PILT Liability	\$0	\$0	\$0	\$0	\$1,040,800	\$1,040,800
Protect in Fee W/O State PILT Liability	\$0	\$0	\$0	\$0	\$0	\$0
Protect in Easement	\$0	\$0	\$88,000	\$0	\$7,288,800	\$7,376,800
Enhance	\$0	\$0	\$0	\$0	\$0	\$0
Total	\$0	\$0	\$88,000	\$0	\$8,329,600	\$8,417,600

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	\$1,577	\$0
Protect in Fee W/O State PILT Liability	\$0	\$0	\$0	\$0
Protect in Easement	\$0	\$0	\$2,298	\$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	\$1,577
Protect in Fee W/O State PILT Liability	\$0	\$0	\$0	\$0	\$0
Protect in Easement	\$0	\$0	\$4,632	\$0	\$2,284
Enhance	\$0	\$0	\$0	\$0	\$0

Automatic system calculation / not entered by managers

Target Lake/Stream/River Feet or Miles

lake shoreline, 3.8 miles

I have read and understand Section 15 of the Constitution of the State of Minnesota, Minnesota Statute 97A.056, and the Call for Funding Request. I certify I am authorized to submit this proposal and to the best of my knowledge the information provided is true and accurate.

Outcomes

Programs in the northern forest region:

- Forestlands are protected from development and fragmentation *These projects will permanently protect 3,851 acres of Northern forests to provide biologically diverse wildlife habitat for desirable game species and endangered, threatened, special concern species and species of greatest conservation need. This will provide multiple conservation benefits to help mitigate the effects of climate change, invasive species and other major stressors. Forest protection activities will be assessed, management planning required and documented, and properties monitored. Forest composition will be inventoried. Wildlife populations will be monitored.*

Programs in southeast forest region:

- High priority riparian lands, forestlands, and savannas are protected from parcelization and fragmentation *These projects will permanently protect 19 acres of forest. All forest parcels included in this proposal are at high risk of conversion from working forests to non-forest uses. Large blocks of working forests will be maintained improving public benefit and the ability to implement landscape level forest and watershed management.*

Parcel List

Explain the process used to select, rank and prioritize the parcels:

Applications to the Minnesota Forests for the Future Program are made by interested willing landowners. Minnesota Forests for the Future Program uses GIS analysis to expand protection of large habitat blocks and corridors. The tracts of forest land targeted for protection with this program have some, if not all, of the following traits: are currently unprotected inholdings; large tracts that have been identified by the Minnesota County Biological Survey (including identified sites of high quality biodiversity significance); corridors and habitat identified by the State Wildlife Action Plan as significant; presence of rare species and Species in Conservation Need or the habitat that support those species; adjacent to protected land in order to build complexes and improve management. In addition we consult with local and regional watershed and landscape planning efforts such as The Nature Conservancy's Multiple Benefit Analysis, DNR's Lake Superior Area Management Plan, PCA's watershed planning efforts, BWSR's and local SWCD's One Watershed One Plan efforts, the MFRC's Southeast Minnesota Landscape Plan, North Central Landscape Plan and Northeast Landscape Plan.

Section 1 - Restore / Enhance Parcel List

No parcels with an activity type restore or enhance.

Section 2 - Protect Parcel List

Becker

Name	TRDS	Acres	Est Cost	Existing Protection?	Hunting?	Fishing?
Wolf Lake	13938225	200	\$140,000	No	No	No

Cass

Name	TRDS	Acres	Est Cost	Existing Protection?	Hunting?	Fishing?
Cass Tract 1	13832205	185	\$102,000	No	No	No
Cass Tract 2	13832205	180	\$99,000	No	No	No

Crow Wing

Name	TRDS	Acres	Est Cost	Existing Protection?	Hunting?	Fishing?
Clearwater Phase 2	04528208	319	\$3,094,300	No	No	No

Hubbard

Name	TRDS	Acres	Est Cost	Existing Protection?	Hunting?	Fishing?
Big Sand Lake	14134235	14	\$126,000	No	No	No
Kabekona Corner	14332234	17	\$17,000	No	No	No
Kabekona North Laporte	14332218	660	\$960,000	No	Full	Not Applicable
Shingobee Lake	14332223	1,029	\$2,000,000	No	No	No

Morrison

Name	TRDS	Acres	Est Cost	Existing Protection?	Hunting?	Fishing?
Morrison Tract 1	13931234	200	\$76,000	No	No	No
Morrison Tract 2	03929236	60	\$51,000	No	No	No
Rice Club	03931225	140	\$125,000	No	No	No

Rice

Name	TRDS	Acres	Est Cost	Existing Protection?	Hunting?	Fishing?
Rice Tract 1	11120226	19	\$84,000	No	No	No

Sherburne

Name	TRDS	Acres	Est Cost	Existing Protection?	Hunting?	Fishing?
Sherburne Tract 1	03428223	17	\$65,000	No	No	No

St. Louis

Name	TRDS	Acres	Est Cost	Existing Protection?	Hunting?	Fishing?
Canosia 1	05215234	200	\$120,000	No	No	No
Canosia 2	05215233	70	\$63,000	No	No	No
Clover Valley	05212203	400	\$400,000	No	No	No
Lakewood	05113211	160	\$136,000	No	No	No

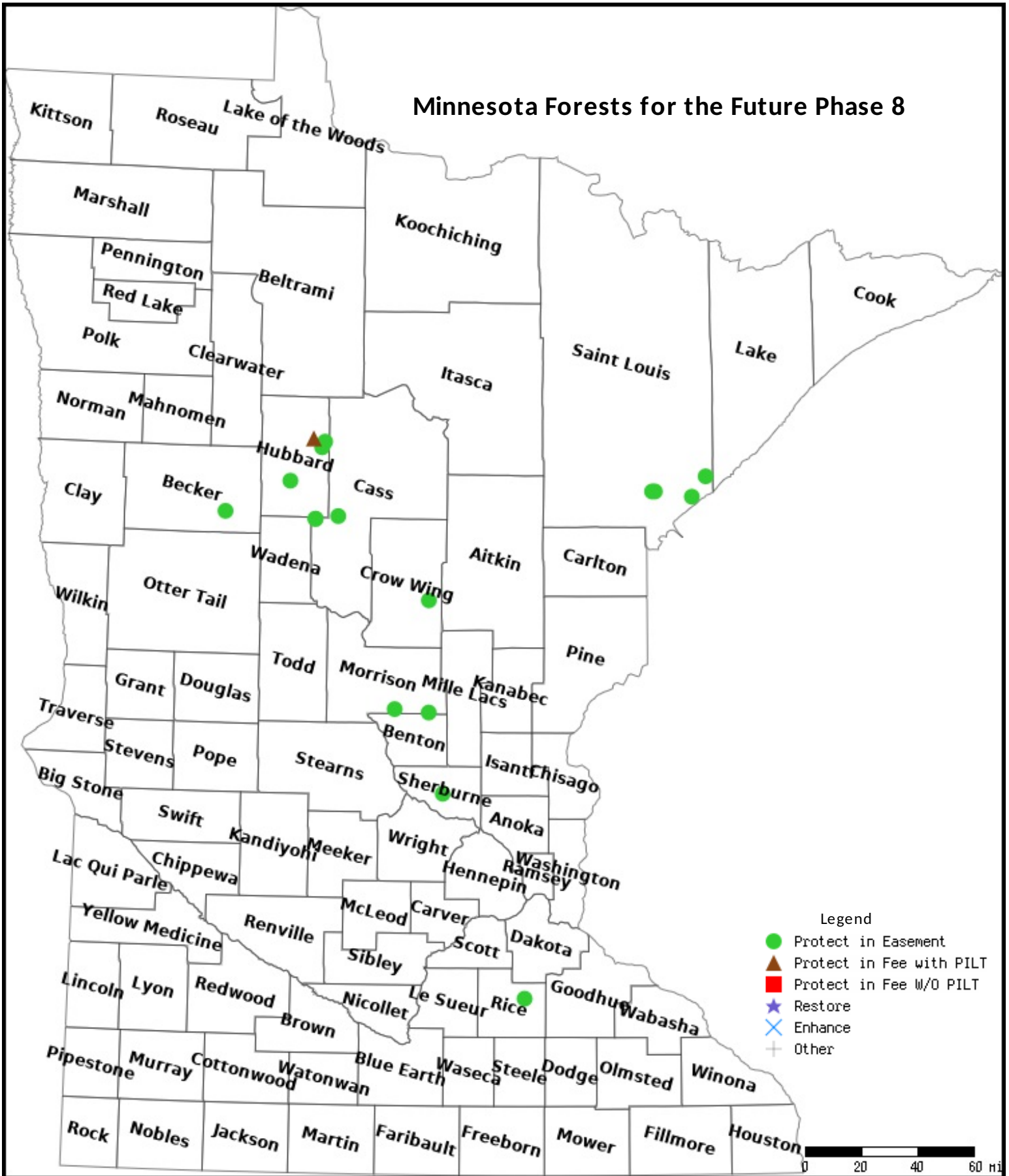
Section 2a - Protect Parcel with Bldgs

No parcels with an activity type protect and has buildings.

Section 3 - Other Parcel Activity

No parcels with an other activity type.

Parcel Map



Data Generated From Parcel List

FORESTS FOR THE FUTURE

PHASE 8



DEPARTMENT OF
NATURAL RESOURCES

Funding Requested: \$8,417,600

Minnesota Forests for the Future is a voluntary conservation easement program administered by the DNR Division of Forestry to protect and conserve private working forest lands throughout Minnesota for environmental, economic & recreational benefits.

Accomplishments:

- 360,000+ acres in easement
- 9,000+ acres fee land acquired

Threats:

44 percent of MN forests (or 7.5 million acres) are at risk of fragmentation or conversion to non-forest uses

Landowner Demand:

- 21,000 acres of easement
- 4,200 acres of fee title

Economic Impacts:

- MN lakes support an \$11 billion tourism industry
- Small game hunting generates \$1.3 billion+ annually
- The state's wood products industry generates \$9.5 billion and employs 62,000.
- Over \$80 million is received by landowners for timber stumpage annually.

Public Benefits | Critical forest lands identified for the program ensure forests of significance are preserved permanently. Lands enrolled in the program protect watershed health, provide habitat for wildlife and rare species, ensure a consistent source of timber and other forest products, and can continue to be used for outdoor recreation.

How it Works | Lands protected by these voluntary easements stay in private ownership. To be eligible for the program, the private land enrolled must provide at least **one** of the following public benefits:



Protection of large forest blocks or tracts of adjacent forest land



Fish & wildlife habitat, water quality or other environmental benefits



Opportunities for traditional forest uses including management through timber harvest



Public recreational opportunities like public access or public recreation trails



Easement Landowner





St. Louis County Easement



Itasca County Easement (Sugar Hills)

Program Requirements | Easements are customized to the property, but permitted uses allows forest management including timber harvesting and firewood cutting, hunting and fishing, outdoor recreation, maple syrup production, nature observation, and other traditional forest uses. Landowners work with DNR to establish a Forest Stewardship Plan and schedule annual monitoring visits. Easements prohibit forest conversion to industrial, commercial or residential uses or development/subdivision. The easements stay with the property if it is transferred or sold to another landowner.

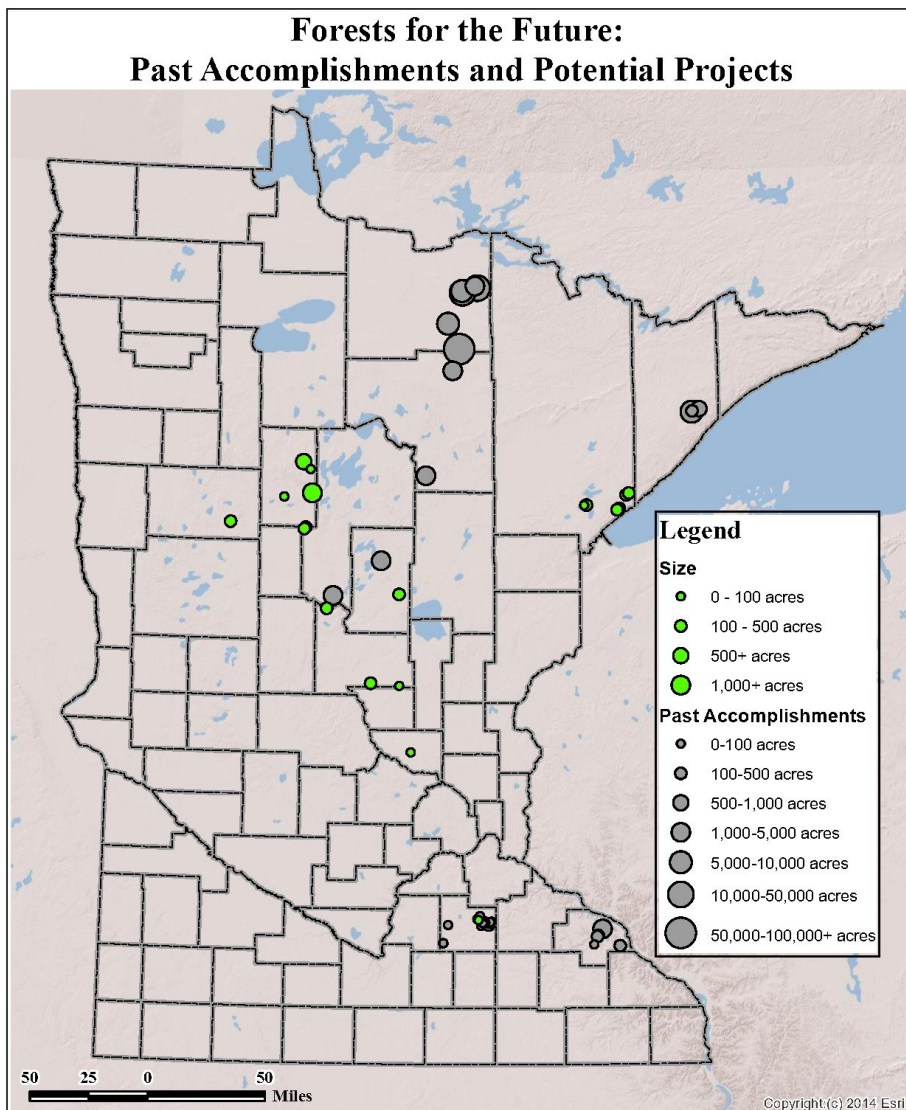
Matching Investments:

Forests for the Future pairs with funding from the **Federal Forest Legacy Program** to leverage State investments that advance working forest land protection.

Non-profit organizations have helped leverage funds in key geographies by matching State investments.

Multiple external partners provide support with landowner outreach and partnership coordination including **The Nature Conservancy, Camp Ripley Sentinel Landscape, County SWCDs and BWSR staff.**

Forests for the Future: Past Accomplishments and Potential Projects



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