



Lessard-Sams Outdoor Heritage Council

DNR Forest Enhancement and Restoration-Phase 4
Laws of Minnesota 2024 Accomplishment Plan

General Information

Date: 10/24/2023

Project Title: DNR Forest Enhancement and Restoration-Phase 4

Funds Recommended: \$1,727,000

Legislative Citation: ML 2024, Ch. X, Art. 1, Sec. 2, Subd.

Appropriation Language:

Manager Information

Manager's Name: Ted Dick

Title: Forest Habitat Supervisor

Organization: DNR

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City: Grand Rapids, MN 55744-3296

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Location Information

County Location(s): St. Louis, Morrison, Pennington, Marshall, Kittson, Todd, Chisago, Washington, Meeker, Sibley, Itasca, Le Sueur, Waseca, Olmsted, Goodhue, Winona, Fillmore, Hubbard, Cass, Crow Wing, Lake, Aitkin, Wadena, Koochiching and Wabasha.

Eco regions in which work will take place:

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

Activity types:

- Restore
- Enhance

Priority resources addressed by activity:

- Wetlands
- Forest
- Habitat

Narrative**Abstract**

Minnesota's iconic forests and brushland habitats require enhancement beyond DNR timber harvest practices. Enhancements, such as brushland shearing provide critical wildlife habitat but are not achieved through timber harvest practices. These additional habitat benefits improve the quality of the forests for wildlife, water quality and outdoor recreation. DNR's Conservation Agenda, Wildlife Action Plan, Forest Action Plan, SNA Strategic Land Protection, Fish Habitat Plan, will guide habitat enhancements in this proposal to meet the objectives put forth in these plans.

Design and Scope of Work

Minnesota's forest habitats include many different native plant communities in different growth stages. Forests also includes rivers, lakes, sedge meadows, bogs, and brushland. Each of these habitats are home to a wide array with game and non-game species, including multiple Species of Greatest Conservation Need (SGCN). Forests provide outdoor recreation, timber products, and support local communities. Forests protect water quality and sequester carbon. However, forests face increasing stress from invasive species, climate change, critical habitat loss, forest conversion, and fragmentation. While timber harvest is an important tool providing habitats in the forest, additional or different enhancements are needed to maximize the diversity for fish and wildlife. For example timber harvest can create a wildlife opening, however other management such as periodic mowing is needed to maintain the opening.

We will accomplish strategic and targeted enhancements through contractors to conduct activities which support healthy, diverse and resilient habitats. Activities may include:

- 1) control invasive species
- 2) assist with oak regeneration through seeding and tree planting
- 3) firebreak development and maintenance as well as prescribed burns in fire-dependent forests, brushlands and wetlands
- 4) remove trees, mow and shear brush
- 5) maintain/restore open lands and brushland habitats
- 6) regenerate forests through site preparation, seed procurement/harvest, seeding, and planting
- 7) plant trees to reforest and restore habitats, add conifer to the landscape, provide thermal cover, diversify forests, and address ash stand management
- 8) restore floodplain and savanna forest habitat with tree planting, burning and mowing

DNR managers collaborate with other State, Federal, County agencies and many conservation organizations to take a landscape view of forests and manage across administrative units. For example, DNR managers are working together with USFS managers to maintain and enhance rock outcrops that provide spring forage and mast for a

variety of wildlife.

This request seeks funding to restore and enhance habitat on public lands open to hunting, primarily but not limited to, WMA, AMA, SNA and State Forests. Strategic and targeted work will be accomplished through the added capacity of contractors hired to conduct activities that support healthy, diverse and resilient habitats.

Explain how the plan addresses habitat protection, restoration, and/or enhancement for fish, game & wildlife, including threatened or endangered species conservation

Both young forests and mature forests require management other than DNR timber harvest methods to maximize habitat benefits for wildlife. Prescribed fire in mature forests helps clear underbrush and open up the understory. Fire is especially important in oak and pine forests. Shearing brushlands creates open lands that provide critical habitat for American woodcock, yellow rails and sharp-tailed grouse that are SGCN species. Planting conifers along north shore trout streams provides shade and infiltration of ground water to native brook trout streams that are threatened by climate change. Young forests and small forest openings are critical to many species of birds, including golden-winged warblers. Young forests provide critical habitat for moose to maintain and enhance the existing population.

Each of the practices mentioned in the design and scope will benefit a wide range of game and non-game species, including mammals, birds, reptiles and amphibians, as well as pollinating insects.

What are the elements of this plan that are critical from a timing perspective?

Pressures on Minnesota forests are increasing. It is crucial to keep critical habitat for wildlife species and conserve SGCN species now than to address habitat needs in the future. Current DNR plans provide the opportunity to address these habitat needs, funding will accelerate implementation of these plans. Increased management of brushland habitats is a particularly urgent need in east-central Minnesota where sharp-tailed grouse depend upon them and have declined significantly in the past 10 years. Early detection and swift control of invasive species is also urgent.

Describe how the plan expands habitat corridors or complexes and/or addresses habitat fragmentation:

DNR's Conservation Agenda, Wildlife Action Plan, Forest Action Plan, SNA Strategic Land Protection Plan (along with specific site management plans), Fish Habitat Plan, which will guide activities, were developed using the best information and science to identify goals and strategies. DNR habitat management is always based on science. Restoring and enhancing habitat expands corridors and complexes reduces fragmentation, and directly applies research to on the ground projects. Habitat projects that occur on SNA will enhance critical habitats identified by MCBS.

The habitat needs of many forest species, including mature forest species such as marten and fisher, and young forest species like woodcock and golden-winged warblers are well documented. Many wildlife species require mature forests during some point in their lives. Research conducted in Minnesota will be used to apply these funds to enhance and restore habitats in the forested areas of the state.

Which Conservation Plans referenced in MS97A.056, subd. 3a are most applicable to this project?

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

Explain how this plan will uniquely address habitat resilience to climate change and its anticipated effects on game, fish & wildlife species utilizing the protected or restored/enhanced habitat this proposal targets.

The forest enhancement projects (e.g. diversifying ash forests) build resiliency in the forest by diversifying the tree species and allowing a forest to be retained after Emerald Ash borer moves into our forest. Diversifying forests in general and matching the native plant communities build resiliency against direct climate changes and increases in forest pests that are more abundant given changes in climate. Changes in climate are increasing invasive species in forests and degrading fish and wildlife habitat. The projects in this proposal work to mitigate against increases in invasive species to provide habitat resilience.

Which LSOHC section priorities are addressed in this program?

Forest / Prairie Transition

- Protect, restore, and enhance habitat for waterfowl, upland birds, and species of greatest conservation need

Metro / Urban

- Protect from long-term or permanent endangerment from invasive species

Northern Forest

- Restore forest-based wildlife habitat that has experienced substantial decline in area in recent decades

Prairie

- Protect, enhance, and restore remnant native prairie, Big Woods forests, and oak savanna

Southeast Forest

- Restore forest-based wildlife habitat that has experienced substantial decline in area in recent decades

Outcomes

Programs in forest-prairie transition region:

- Protected, restored, and enhanced nesting and migratory habitat for waterfowl, upland birds, and species of greatest conservation need ~ *A number of species are tied to brushland and young aspen forests in these region, including elk, golden-winged warblers, and sharp-tailed grouse. Ongoing surveys and research on these species will allow the DNR to track local and regional responses to these and related efforts.*

Programs in metropolitan urbanizing region:

- A forest land base that contributes to the habitat picture ~ *These efforts will help manage forests in this region to benefit a range of wildlife species, both game and non-game. Ongoing surveys, especially among songbirds, will track long-term changes in bird populations in this region.*

Programs in the northern forest region:

- Healthy populations of endangered, threatened, and special concern species as well as more common species ~ *The DNR and partner agencies conduct a number of wildlife surveys, including moose, deer, ruffed grouse, sharp-tailed grouse, woodcock, and songbird surveys.*

Programs in prairie region:

- Improved condition of habitat on public lands ~ *These efforts will help manage forests in this region to benefit a range of wildlife species, both game and non-game. Ongoing surveys, especially among songbirds, will track long-term changes in bird populations in this region.*

Programs in southeast forest region:

- Large corridors and complexes of biologically diverse wildlife habitat typical of the unglaciated region are restored and protected ~ *The non-game program is very active in this region with projects assessing wildlife populations. And there are the same ongoing wildlife surveys as in the other regions of the state.*

Per MS 97A.056, Subd. 24, Please explain 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.

These funds are for additional enhance/restoration work beyond what the DNR is already conducting. These funds are not supplanting or substituting any funds.

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

We will select and implement projects to achieve high quality and enduring benefits. Projects have variable lifespans depending on project type, weather and other environmental conditions. Many of the projects are meant to endure for decades, at which point, regular forest management activity through harvest. DNR staff and staff from partner agencies/NGOs will monitor them to if and when additional enhancement are needed. Work will be sustained through internal DNR funds, DNR timber harvest practices, and future requests from the OHF and related external funding.

Actions to Maintain Project Outcomes

| Year | Source of Funds | Step 1 | Step 2 | Step 3 |
|-----------------|--------------------------------------|---------------------|------------------|---|
| 2026 and beyond | listed above and future OHF requests | continue monitoring | adapt results | seek additional funding |
| 2024 | listed above and future OHF requests | monitor results | document results | develop budget for additional work with internal and external funds |

Provide an assessment of how your program celebrates cultural diversity or reaches diverse communities in Minnesota, including reaching low- and moderate-income households:

We have in the past and will continue to consult and coordinate with diverse communities and tribal partners into the project planning and work we do to enhance fish and wildlife habitats for all citizens of the state of Minnesota.

Activity Details

Requirements

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

Yes

Will restoration and enhancement work follow best management practices including MS 84.973 Pollinator Habitat Program?

Yes

Is the restoration and enhancement activity on permanently protected land per 97A.056, Subd 13(f), tribal lands, and/or public waters per MS 103G.005, Subd. 15 or on lands to be acquired in this program?

Yes

Where does the activity take place?

- WMA
- SNA
- AMA
- State Forests
- Other : national forest, Con-Con lands, school trust lands.

Land Use

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

No

Will neonicotinoid pesticide products be used within any activities of this program?

No

Timeline

| Activity Name | Estimated Completion Date |
|--|----------------------------------|
| continued monitoring and follow-up management and enhancements | ongoing |
| implement enhancements | Summer 2029 |

Date of Final Report Submission: 11/01/2029

Availability of Appropriation: Subd. 7. Availability of Appropriation

(a) Money appropriated in this section may not be spent on activities unless they are directly related to and necessary for a specific appropriation and are specified in the accomplishment plan approved by the Lessard-Sams Outdoor Heritage Council. Money appropriated in this section must not be spent on indirect costs or other institutional overhead charges that are not directly related to and necessary for a specific appropriation. Money appropriated to acquire land in fee may be used to restore, enhance, and provide for public use of the land acquired with the appropriation. Public-use facilities must have a minimal impact on habitat in acquired lands.

(b) Money appropriated in this section is available as follows:

- (1) money appropriated for acquiring real property is available until June 30, 2028;
- (2) money appropriated for restoring and enhancing land acquired with an appropriation in this act is available for four years after the acquisition date with a maximum end date of June 30, 2032;
- (3) money appropriated for restoring or enhancing other land is available until June 30, 2029;
- (4) notwithstanding clauses (1) to (3), money appropriated for a project that receives at least 15 percent of its funding from federal funds is available until a date sufficient to match the availability of federal funding to a maximum of six years if the federal funding was confirmed and included in the original approved draft accomplishment plan; and
- (5) money appropriated for other projects is available until the end of the fiscal year in which it is appropriated.

Budget

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

Totals

| Item | Funding Request | Leverage | Leverage Source | Total |
|-------------------------------|--------------------|----------|-----------------|--------------------|
| Personnel | - | - | - | - |
| Contracts | \$1,425,200 | - | - | \$1,425,200 |
| Fee Acquisition w/ PILT | - | - | - | - |
| Fee Acquisition w/o PILT | - | - | - | - |
| Easement Acquisition | - | - | - | - |
| Easement Stewardship | - | - | - | - |
| Travel | - | - | - | - |
| Professional Services | - | - | - | - |
| Direct Support Services | \$30,600 | - | - | \$30,600 |
| DNR Land Acquisition Costs | - | - | - | - |
| Capital Equipment | - | - | - | - |
| Other Equipment/Tools | - | - | - | - |
| Supplies/Materials | \$271,200 | - | - | \$271,200 |
| DNR IDP | - | - | - | - |
| Grand Total | \$1,727,000 | - | - | \$1,727,000 |

Amount of Request: \$1,727,000

Amount of Leverage: -

Leverage as a percent of the Request: 0.0%

DSS + Personnel: \$30,600

As a % of the total request: 1.77%

Easement Stewardship: -

As a % of the Easement Acquisition: -

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

Fewer acres would be accomplished and the majority of projects are scalable.

Contracts

What is included in the contracts line?

This line includes contracts for restoration and enhancement work that the DNR or Roving Crews don't have the specialized equipment or staff to conduct. Contracts increase our capacity to impact acres beyond what staff alone are capable of.

Direct Support Services

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

We used the standard DNR calculator for proposals to the OHF and ENRTF.

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 | - | - | 83 | - | 83 |
| Protect in Fee with State PILT Liability | - | - | - | - | - |
| Protect in Fee w/o State PILT Liability | - | - | - | - | - |
| Protect in Easement | - | - | - | - | - |
| Enhance | - | - | 2,477 | - | 2,477 |
| Total | - | - | 2,560 | - | 2,560 |

Total Requested Funding by Resource Type (Table 2)

| Type | Wetland | Prairie | Forest | Habitat | Total Funding |
|--|---------|---------|--------------------|---------|--------------------|
| Restore | - | - | \$122,800 | - | \$122,800 |
| Protect in Fee with State PILT Liability | - | - | - | - | - |
| Protect in Fee w/o State PILT Liability | - | - | - | - | - |
| Protect in Easement | - | - | - | - | - |
| Enhance | - | - | \$1,604,200 | - | \$1,604,200 |
| Total | - | - | \$1,727,000 | - | \$1,727,000 |

Acres within each Ecological Section (Table 3)

| Type | Metro/Urban | Forest/Prairie | SE Forest | Prairie | N. Forest | Total Acres |
|--|-------------|----------------|------------|-----------|--------------|--------------|
| Restore | 23 | 0 | 60 | 0 | 0 | 83 |
| Protect in Fee with State PILT Liability | - | - | - | - | - | - |
| Protect in Fee w/o State PILT Liability | - | - | - | - | - | - |
| Protect in Easement | - | - | - | - | - | - |
| Enhance | 42 | 497 | 377 | 98 | 1,463 | 2,477 |
| Total | 65 | 497 | 437 | 98 | 1,463 | 2,560 |

Total Requested Funding within each Ecological Section (Table 4)

| Type | Metro/Urban | Forest/Prairie | SE Forest | Prairie | N. Forest | Total Funding |
|--|------------------|------------------|------------------|-----------------|------------------|--------------------|
| Restore | \$45,200 | - | \$77,600 | - | - | \$122,800 |
| Protect in Fee with State PILT Liability | - | - | - | - | - | - |
| Protect in Fee w/o State PILT Liability | - | - | - | - | - | - |
| Protect in Easement | - | - | - | - | - | - |
| Enhance | \$84,900 | \$220,200 | \$380,800 | \$59,900 | \$858,400 | \$1,604,200 |
| Total | \$130,100 | \$220,200 | \$458,400 | \$59,900 | \$858,400 | \$1,727,000 |

Average Cost per Acre by Resource Type (Table 5)

| Type | Wetland | Prairie | Forest | Habitat |
|--|---------|---------|---------|---------|
| Restore | - | - | \$1,479 | - |
| Protect in Fee with State PILT Liability | - | - | - | - |
| Protect in Fee w/o State PILT Liability | - | - | - | - |
| Protect in Easement | - | - | - | - |
| Enhance | - | - | \$647 | - |

Average Cost per Acre by Ecological Section (Table 6)

| Type | Metro/Urban | Forest/Prairie | SE Forest | Prairie | N. Forest |
|--|--------------------|-----------------------|------------------|----------------|------------------|
| Restore | \$1,965 | - | \$1,293 | - | - |
| Protect in Fee with State PILT Liability | - | - | - | - | - |
| Protect in Fee w/o State PILT Liability | - | - | - | - | - |
| Protect in Easement | - | - | - | - | - |
| Enhance | \$2,021 | \$443 | \$1,010 | \$611 | \$586 |

Target Lake/Stream/River Feet or Miles

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.

Parcel Information

Sign-up Criteria?

No

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

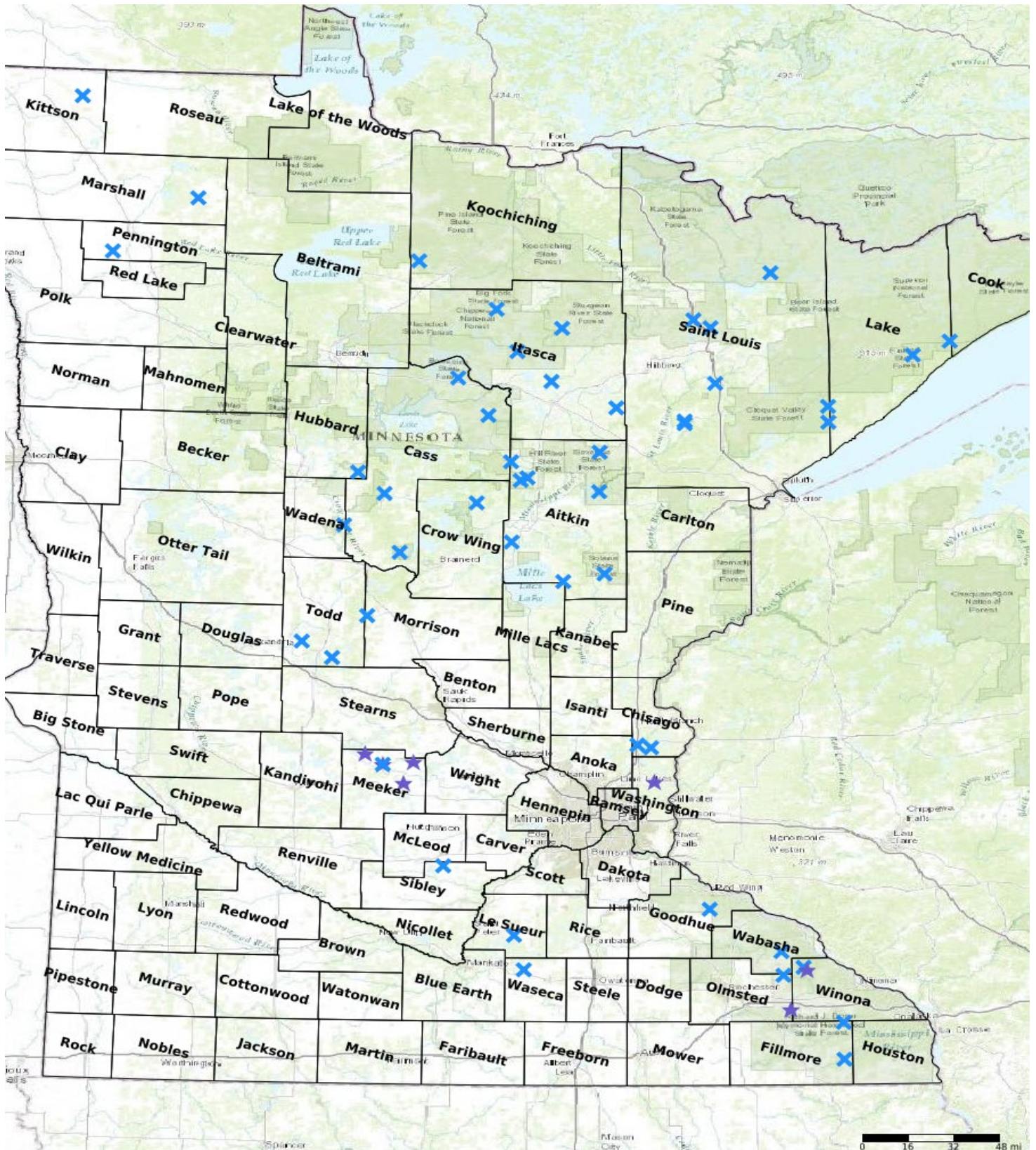
We evaluated forest habitat needs not funded through other sources, considering staff capacity from DNR Fish and Wildlife/Forestry divisions to implement and complete within grant timeline.

Restore / Enhance Parcels

| Name | County | TRDS | Acres | Est Cost | Existing Protection |
|---------------------------------|-------------|----------|-------|-------------|---------------------|
| Hill River State Forest | Aitkin | 05027224 | 35 | \$21,000 | Yes |
| Savanna State Forest | Aitkin | 04923211 | 64 | \$22,400 | Yes |
| Hill River State Forest | Aitkin | 05026217 | 143 | \$50,015 | Yes |
| Land O' Lakes State Forest | Aitkin | 05127216 | 19 | \$6,790 | Yes |
| Solana State Forest | Aitkin | 04423213 | 30 | \$18,000 | Yes |
| Solana State Forest | Aitkin | 04627216 | 7 | \$2,760 | Yes |
| Solana State Forest | Aitkin | 04425236 | 77 | \$26,950 | Yes |
| Savanna State Forest | Aitkin | 05223226 | 23 | \$13,800 | Yes |
| Bowstring State Forest | Cass | 14326236 | 59 | \$29,500 | Yes |
| Pillsbury State Forest | Cass | 13430222 | 28 | \$5,660 | Yes |
| Foot Hills State Forest | Cass | 13831236 | 28 | \$5,680 | Yes |
| Bowstring State Forest | Cass | 14527221 | 141 | \$99,163 | Yes |
| Carlos Avery WMA | Chisago | 03321213 | 30 | \$88,000 | Yes |
| Carlos Avery WMA | Chisago | 03321208 | 21 | \$40,000 | Yes |
| Crow Wing State Forest | Crow Wing | 13726216 | 29 | \$5,780 | Yes |
| Choice WMA | Fillmore | 10208215 | 500 | \$500,000 | Yes |
| Schueler WMA | Fillmore | 10408203 | 50 | \$25,000 | Yes |
| John Murtaugh Memorial WMA | Goodhue | 11215236 | 60 | \$40,500 | Yes |
| Badoura State Forest | Hubbard | 13932222 | 21 | \$4,140 | Yes |
| Golden Anniversary State Forest | Itasca | 06025236 | 712 | \$533,780 | Yes |
| Golden Anniversary State Forest | Itasca | 05522234 | 134 | \$40,176 | Yes |
| Prairie Lake Deer Yard WMA | Itasca | 05625209 | 150 | \$48,000 | Yes |
| Big Fork State Forest | Itasca | 14925208 | 15 | \$10,456 | Yes |
| Bowstring State Forest | Itasca | 05827214 | 168 | \$100,619 | Yes |
| Beaches Lake WMA | Kittson | 16246213 | 500 | \$150,000 | Yes |
| Pine Island State Forest | Koochiching | 15229209 | 38 | \$22,782 | Yes |
| Finland State Forest | Lake | 05906236 | 190 | \$38,000 | Yes |
| Finland State Forest | Lake | 05807230 | 2,157 | \$1,617,375 | Yes |
| Chadderdon WMA | Le Sueur | 11024221 | 204 | \$102,000 | Yes |
| Eckvoll WMA | Marshall | 15640222 | 500 | \$125,000 | Yes |
| Teal Scurry WMA | Meeker | 12131207 | 14 | \$28,000 | Yes |
| Powers Lake WMA | Meeker | 11930201 | 12 | \$26,000 | Yes |
| Manannah WMA | Meeker | 12131236 | 5 | \$10,000 | Yes |
| Manannah WMA | Meeker | 12131236 | 40 | \$155,000 | Yes |
| Kingston WMA | Meeker | 12129228 | 14 | \$28,000 | Yes |
| Little Elk WMA | Morrison | 13031219 | 231 | \$109,000 | Yes |

| | | | | | |
|---|------------|----------|-----|-----------|-----|
| Vermilya WMA | Olmsted | 10511212 | 22 | \$62,500 | Yes |
| Whitewater WMA | Olmsted | 10711203 | 400 | \$500,000 | Yes |
| Higinbotham WMA | Pennington | 15244204 | 100 | \$110,000 | Yes |
| Proehl's Woods WMA | Sibley | 11428212 | 63 | \$31,500 | Yes |
| Sturgeon River State Forest | St. Louis | 06018216 | 21 | \$4,280 | Yes |
| Whiteface River State Forest | St. Louis | 05419225 | 183 | \$50,325 | Yes |
| Whiteface River State Forest | St. Louis | 05419236 | 138 | \$37,950 | Yes |
| Burntside State Forest | St. Louis | 06314217 | 400 | \$100,000 | Yes |
| Cloquet Valley State Forest | St. Louis | 05412236 | 268 | \$201,300 | Yes |
| Cloquet Valley State Forest | St. Louis | 05617216 | 20 | \$12,000 | Yes |
| Sturgeon River State Forest | St. Louis | 06017232 | 70 | \$28,000 | Yes |
| Cloquet Valley State Forest | St. Louis | 05512236 | 30 | \$18,000 | Yes |
| Owen-Hinz WMA | Todd | 12835212 | 27 | \$21,600 | Yes |
| Grey Eagle WMA | Todd | 12733209 | 482 | \$300,000 | Yes |
| Richard J. Dorer Memorial Hardwood State Forest | Wabasha | 10911221 | 160 | \$96,000 | Yes |
| Lyons State Forest | Wadena | 13633236 | 23 | \$4,500 | Yes |
| Linde WMA | Waseca | 10824225 | 160 | \$120,000 | Yes |
| Keystone Woods WMA | Washington | 03120219 | 40 | \$75,300 | Yes |
| Whitewater WMA | Winona | 10810222 | 225 | \$225,000 | Yes |
| Whitewater WMA | Winona | 10810226 | 200 | \$225,000 | Yes |

Parcel Map



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



Lessard-Sams Outdoor Heritage Council

DNR Forest Enhancement and Restoration-Phase 4

Comparison Report

Program Title: ML 2024 - DNR Forest Enhancement and Restoration-Phase 4

Organization: DNR

Manager: Ted Dick

Budget

Requested Amount: \$6,482,600

Appropriated Amount: \$1,727,000

Percentage: 26.64%

| Item | Requested Proposal | Leverage Proposal | Appropriated AP | Leverage AP | Percent of Request | Percent of Leverage |
|----------------------------|--------------------|-------------------|--------------------|-------------|--------------------|---------------------|
| Personnel | - | - | - | - | - | - |
| Contracts | \$5,472,100 | - | \$1,425,200 | - | 26.04% | - |
| Fee Acquisition w/ PILT | - | - | - | - | - | - |
| Fee Acquisition w/o PILT | - | - | - | - | - | - |
| Easement Acquisition | - | - | - | - | - | - |
| Easement Stewardship | - | - | - | - | - | - |
| Travel | - | - | - | - | - | - |
| Professional Services | - | - | - | - | - | - |
| Direct Support Services | \$106,900 | - | \$30,600 | - | 28.62% | - |
| DNR Land Acquisition Costs | - | - | - | - | - | - |
| Capital Equipment | - | - | - | - | - | - |
| Other Equipment/Tools | - | - | - | - | - | - |
| Supplies/Materials | \$903,600 | - | \$271,200 | - | 30.01% | - |
| DNR IDP | - | - | - | - | - | - |
| Grand Total | \$6,482,600 | - | \$1,727,000 | - | 26.64% | - |

If the project received 70% of the requested funding

Describe how the scaling would affect acres/activities and if not proportionately reduced, why?
fewer acres could be accomplished, the majority of these projects are scalable.

Describe how personnel and DSS expenses would be adjusted and if not proportionately reduced, why?

All costs including contracts/supplies/materials for the majority of the projects can be proportionally reduced.

If the project received 50% of the requested funding

Describe how the scaling would affect acres/activities and if not proportionately reduced, why?

Number of projects and acres accomplished can be reduced accordingly to meet a 30% funding level. Fund smaller projects that do not need to be scaled down to meet funding.

Describe how personnel and DSS expenses would be adjusted and if not proportionately reduced, why?

All costs including contracts/supplies/materials etc. for the majority of the projects can be proportionally reduced.

Output

Acres by Resource Type (Table 1)

| Type | Total Proposed | Total in AP | Percentage of Proposed |
|--|----------------|-------------|------------------------|
| Restore | 308 | 83 | 26.95% |
| Protect in Fee with State PILT Liability | 0 | - | - |
| Protect in Fee w/o State PILT Liability | 0 | - | - |
| Protect in Easement | 0 | - | - |
| Enhance | 9,174 | 2,477 | 27.0% |

Total Requested Funding by Resource Type (Table 2)

| Type | Total Proposed | Total in AP | Percentage of Proposed |
|--|----------------|-------------|------------------------|
| Restore | \$454,800 | \$122,800 | 27.0% |
| Protect in Fee with State PILT Liability | - | - | - |
| Protect in Fee w/o State PILT Liability | - | - | - |
| Protect in Easement | - | - | - |
| Enhance | \$6,027,800 | \$1,604,200 | 26.61% |

Acres within each Ecological Section (Table 3)

| Type | Total Proposed | Total in AP | Percentage of Proposed |
|--|----------------|-------------|------------------------|
| Restore | 308 | 83 | 26.95% |
| Protect in Fee with State PILT Liability | 0 | - | - |
| Protect in Fee w/o State PILT Liability | 0 | - | - |
| Protect in Easement | 0 | - | - |
| Enhance | 9,174 | 2,477 | 27.0% |

Total Requested Funding within each Ecological Section (Table 4)

| Type | Total Proposed | Total in AP | Percentage of Proposed |
|--|----------------|-------------|------------------------|
| Restore | \$454,800 | \$122,800 | 27.0% |
| Protect in Fee with State PILT Liability | - | - | - |
| Protect in Fee w/o State PILT Liability | - | - | - |
| Protect in Easement | - | - | - |
| Enhance | \$6,027,800 | \$1,604,200 | 26.61% |