



Lessard-Sams Outdoor Heritage Council

DNR Trout Stream Conservation Easements - Phase 4 Laws of Minnesota 2025 Accomplishment Plan

General Information

Date: 12/23/2024

Project Title: DNR Trout Stream Conservation Easements - Phase 4

Funds Recommended: \$995,000

Legislative Citation: ML 2025, Ch. XXX, Art. 1, Sec. 2, subd. 5(n)

Appropriation Language:

Manager Information

Manager's Name: Rick Walsh

Title: FAW Land Acquisition Consultant

Organization: Minnesota Department of Natural Resources

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Location Information

County Location(s): Cook, Houston, Fillmore, Winona and Goodhue.

Eco regions in which work will take place:

- Northern Forest
- Southeast Forest

Activity types:

- Protect in Easement

Priority resources addressed by activity:

- Habitat

Narrative

Abstract

We propose a programmatic approach to achieve prioritized aquatic habitat protection for trout streams in Minnesota, with an emphasis on Southeast and Northeast Minnesota. We propose to protect approximately 125 acres and 7 miles of trout stream corridor with permanent conservation easements on private land. Protected lands will be designated as Aquatic Management Areas (AMA's) administered by the Minnesota DNR Division of Fish and Wildlife.

Design and Scope of Work

Trout fishing in Minnesota is enjoyed by thousands of anglers. The MNDNR Section of Fisheries administers a conservation easement program that has strong stakeholder support, and protects the habitat that is the foundation of our successful trout management program. In addition to protecting the riparian corridor of trout streams, easements provide access for the angling public, and also provide access for restoration and enhancement projects. We propose a programmatic approach to achieve prioritized aquatic habitat protection for trout streams across Minnesota. Most trout streams are found in Southeast and Northeast Minnesota, but conservation opportunities in other areas of the state will be evaluated by scoring and ranking candidate parcels as they become available. Protected lands will be designated as Aquatic Management Areas (AMA's) administered by the Minnesota DNR Division of Fish and Wildlife.

The dollar value of trout stream conservation easements is set by formula described in M.S.84.0272 subd. 2. The formula uses the length of stream being placed under easement and the area of the easement footprint. The length of the stream easement in feet (length is measured in GIS from a current aerial photo) is multiplied by \$5 per foot. The area of the easement foot print is also measured in GIS. The area in acres is multiplied by the average per acre estimated market value of Agricultural, Rural Vacant, and Managed Forest Land within the township where the easement lies. Estimated market value and total acres by land type for every township in the state are supplied by the Department of Revenue and revised annually. So, easement price is calculated as (feet of stream under easement x \$5) + (acres of easement foot print x average market value/acre within that township).

Scoring and ranking candidate parcels for trout stream conservation easement acquisition is based on multiple criteria. Criteria include fishery quality, rare natural features and other ecological attributes, potential to link with existing easements to increase protected corridors, and the need for access to conduct habitat restoration and enhancement projects with potential to improve the fishery.

The proposal includes the cost of easements, professional services to complete the transactions, and a deposit to the Easement Stewardship Account to cover future costs of stewardship, and a budget for supplies/materials to post the new easements. The proposal can be scaled by dropping lower scoring parcels.

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

The focus of the protection work in this proposal is trout streams and the riparian corridor. Although benefits to fisheries are a primary consideration of the program, riparian areas are also important to game and nongame wildlife, including species of greatest conservation need (SGCN). We will use a scoring system that takes into account multiple considerations including Minnesota Biological Survey sites of biodiversity significance. Some scoring criteria, such as the potential to expand corridors and protected areas benefit many species. The scoring system is described in more detail in the attachment.

The use of scoring criteria allow a programmatic approach that fairly evaluates candidate parcels without eliminating the potential for protection in any geographic region. Because species distribution is not uniform across the state, species benefitting from conservation easements will vary across regions. SCGN's that depend on aquatic and riparian habitat include several turtle species, common mudpuppy, two frog species, and several species of waterfowl and shorebirds.

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

Strong public support helps facilitate successful conservation. Popularity of trout fishing is at an all-time high in Minnesota, and it's important to be responsive to the current support for expanding protection of the resource. Expanding protected riparian corridors on coldwater streams reduces risk of habitat fragmentation and degraded water quality, reducing the future costs of restoration and enhancement. Expanding opportunity for outdoor recreation also better connects Minnesotans with the outdoors, increasing awareness of, and support for conserving the water that sustains the state.

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

The scoring criteria include linking with existing easements to expand protected riparian corridors. The scoring criteria also award points to parcels with rare natural features identified in the MBS GIS layer.

Which top 2 Conservation Plans referenced in MS97A.056, subd. 3a are most applicable to this project?

- Other : MN DNR Fisheries Habitat Strategic Plan
- Strategic Plan for Coldwater Resources Management in Southeastern Minnesota

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.

Conservation easements on stream corridors help maintain connectivity. Habitat connectivity is considered to be a primary factor in giving populations of native plants and animals the ability to better adapt to climate change. In NE Minnesota streams, water temperature is affected much more by air temperature than in SE Minnesota. So maintaining healthy riparian cover of perennial vegetation helps shade the streams and keep water temperatures down. Conservation easements protect riparian vegetation by limiting its removal or modification.

Which LSOHC section priorities are addressed in this program?

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

Southeast Forest

- Protect, enhance, and restore habitat for fish, game, and nongame wildlife in rivers, cold-water streams, and associated upland habitat

Outcomes

Programs in the northern forest region:

- Other ~ *MN DNR conducts scheduled monitoring inspections of all conservation easements. Fish populations and habitat conditions are also assessed on a regular basis. These activities allow us to ensure easement terms are being followed, as well as identify the need for habitat improvement/restoration.*

Programs in southeast forest region:

- Rivers, streams, and surrounding vegetation provide corridors of habitat ~ *MN DNR conducts scheduled monitoring inspections of all conservation easements. Fish populations and habitat conditions are also assessed on a regular basis. These activities allow us to ensure easement terms are being followed, as well as identify the need for habitat improvement/restoration.*

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.

OHF funding accelerates trout stream acquisition work beyond what is possible with other funding sources. It does not supplant or substitute other program funds.

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

The request includes funds to deposit in the Easement Stewardship Account, an interest-bearing account authorized in MS 84.69. Funds will support easement monitoring to be conducted following DNR Operational Order 128 and Division of Fish and Wildlife Easement Monitoring Guidelines.

Actions to Maintain Project Outcomes

Year	Source of Funds	Step 1	Step 2	Step 3
2026	OHF appropriation (this proposal)	baseline easement report	Future monitoring per MNDNR guidelines	Address any potential violations

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

DNR's OHF projects aim to serve all Minnesotans. At the same time, we are bringing more focus in all our work to BIPOC and diverse communities. The Minnesota DNR has adopted advancing diversity, equity and inclusion (DEI) as a key priority in its 2020-22 strategic plan. The plan focuses on increasing the cultural competence of our staff, creating a workforce that is reflective of Minnesota, continuing to strengthen tribal consultation and building partnerships with diverse communities.

The OHF funds high quality habitat projects that provide ecosystem services like clean water and carbon sequestration that support environmental justice. OHF also supports public access and recreational opportunities on these lands. OHF projects and outcomes benefit BIPOC and diverse communities through recreational opportunities that are close-to-home, culturally responsive and accessible to Minnesotans with disabilities.

The DNR has diversity, equity and inclusion strategies that benefit all OHF projects:

- Multilingual and culturally specific hunting and fishing education programs take place on public lands.
- All hiring is equal opportunity, affirmative action, and veteran-friendly. Contracting seeks out Targeted Group, Economically Disadvantaged and Veteran-Owned businesses.
- Public engagement seeks out BIPOC voices and involves diverse communities. Outreach and marketing of projects has this focus as well.

- Partnerships are at the center of all projects. Tribes in particular are consulted in all pertinent areas of the DNR's work, under EO 19-24.

Activity Details

Requirements

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

Yes

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

Yes

Who will manage the easement?

MN DNR Fisheries

Who will be the easement holder?

MN DNR

What is the anticipated number of easements (range is fine) you plan to accomplish with this appropriation?

12 to 15

Land Use

Will there be planting of any crop on OHF land purchased or restored in this program, either by the proposer or the end owner of the property, outside of the initial restoration of the land?

No

Will insecticides or fungicides (including neonicotinoid and fungicide treated seed) be used within any activities of this program either in the process of restoration or use as food plots?

No

Will the eased land be open for public use?

Yes

Describe the expected public use:

In addition to the conservation terms of the easements, access is provided for angling; other public activities are not allowed.

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

No

Will new trails or roads be developed or improved as a result of the OHF acquisition?

No

Will the acquired parcels be restored or enhanced within this appropriation?

No

Will the land that you acquire (fee or easement) be restored or enhanced within this program's funding and availability?

No

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

The easement terms include access for restoration and enhancement work. Although no work specific to the parcel list is currently planned or funded, future work may be done by DNR or partner organizations using funding from various sources, including OHF.

Timeline

Activity Name	Estimated Completion Date
monitoring and enforcement	ongoing, no end date
complete baseline easement reports	spring 2028
complete acquisitions	spring 2028
final parcel scores and ranks, initiate acquisitions	summer 2025

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 for fee title acquisition of land 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, 2029;
- (2) money appropriated for restoring and enhancing land acquired with an appropriation in this section is available for four years after the acquisition date with a maximum end date of June 30, 2033;
- (3) money appropriated for restoring or enhancing other land is available until June 30, 2030;
- (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	-	-	-	-
Fee Acquisition w/ PILT	-	-	-	-
Fee Acquisition w/o PILT	-	-	-	-
Easement Acquisition	\$715,600	-	-	\$715,600
Easement Stewardship	\$120,000	-	-	\$120,000
Travel	-	-	-	-
Professional Services	\$150,000	-	-	\$150,000
Direct Support Services	\$5,400	-	-	\$5,400
DNR Land Acquisition Costs	-	-	-	-
Capital Equipment	-	-	-	-
Other Equipment/Tools	-	-	-	-
Supplies/Materials	\$4,000	-	-	\$4,000
DNR IDP	-	-	-	-
Grand Total	\$995,000	-	-	\$995,000

Amount of Request: \$995,000

Amount of Leverage: -

Leverage as a percent of the Request: 0.0%

DSS + Personnel: \$5,400

As a % of the total request: 0.54%

Easement Stewardship: \$120,000

As a % of the Easement Acquisition: 16.77%

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

This is scalable program and goals/outcomes will be scaled down proportionately.

Does this project have the ability to be scalable?

Yes

If the project received 50% of the requested funding

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

A 50% reduction in funding would result in an approximate 50% reduction in acres protected.

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

DSS would not likely be proportionately reduced. One of the main factors driving DSS is the number of

"allotments" the funding resides in. The number of allotments would not change regardless of dollar amount awarded.

Professional Services

What is included in the Professional Services line?

- Other : real estate services, negotiations, recording fees, legal description preparation and review by a surveyor
- Title Insurance and Legal Fees

Easement Stewardship

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

We anticipate approximately 15 easements to be acquired with this funding. We have estimated about \$8K per easement (varies based on size and complexity of easement) using a calculator produced by staff in the DNR Lands and Minerals Division. The calculator takes into account frequency of monitoring events and associated staff time and expenses, and probability of future enforcement needs.

Direct Support Services

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

Used calculator provided by DNR administrative support staff.

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	-	-	-	-	-
Protect in Fee with State PILT Liability	-	-	-	-	-
Protect in Fee w/o State PILT Liability	-	-	-	-	-
Protect in Easement	-	-	-	125	125
Enhance	-	-	-	-	-
Total	-	-	-	125	125

Total Requested Funding by Resource Type (Table 2)

Type	Wetland	Prairie	Forest	Habitat	Total Funding
Restore	-	-	-	-	-
Protect in Fee with State PILT Liability	-	-	-	-	-
Protect in Fee w/o State PILT Liability	-	-	-	-	-
Protect in Easement	-	-	-	\$995,000	\$995,000
Enhance	-	-	-	-	-
Total	-	-	-	\$995,000	\$995,000

Acres within each Ecological Section (Table 3)

Type	Metro/Urban	Forest/Prairie	SE Forest	Prairie	N. Forest	Total Acres
Restore	-	-	-	-	-	-
Protect in Fee with State PILT Liability	-	-	-	-	-	-
Protect in Fee w/o State PILT Liability	-	-	-	-	-	-
Protect in Easement	-	-	100	-	25	125
Enhance	-	-	-	-	-	-
Total	-	-	100	-	25	125

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	-	-	-	-	-	-
Protect in Fee w/o State PILT Liability	-	-	-	-	-	-
Protect in Easement	-	-	\$800,400	-	\$194,600	\$995,000
Enhance	-	-	-	-	-	-
Total	-	-	\$800,400	-	\$194,600	\$995,000

Average Cost per Acre by Resource Type (Table 5)

Type	Wetland	Prairie	Forest	Habitat
Restore	-	-	-	-
Protect in Fee with State PILT Liability	-	-	-	-
Protect in Fee w/o State PILT Liability	-	-	-	-
Protect in Easement	-	-	-	\$7,960
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	-	-	-	-	-
Protect in Fee w/o State PILT Liability	-	-	-	-	-
Protect in Easement	-	-	\$8,004	-	\$7,784
Enhance	-	-	-	-	-

Target Lake/Stream/River Feet or Miles

7

Parcels

Parcel Information

Sign-up Criteria?

[Yes - Sign up criteria is attached](#)

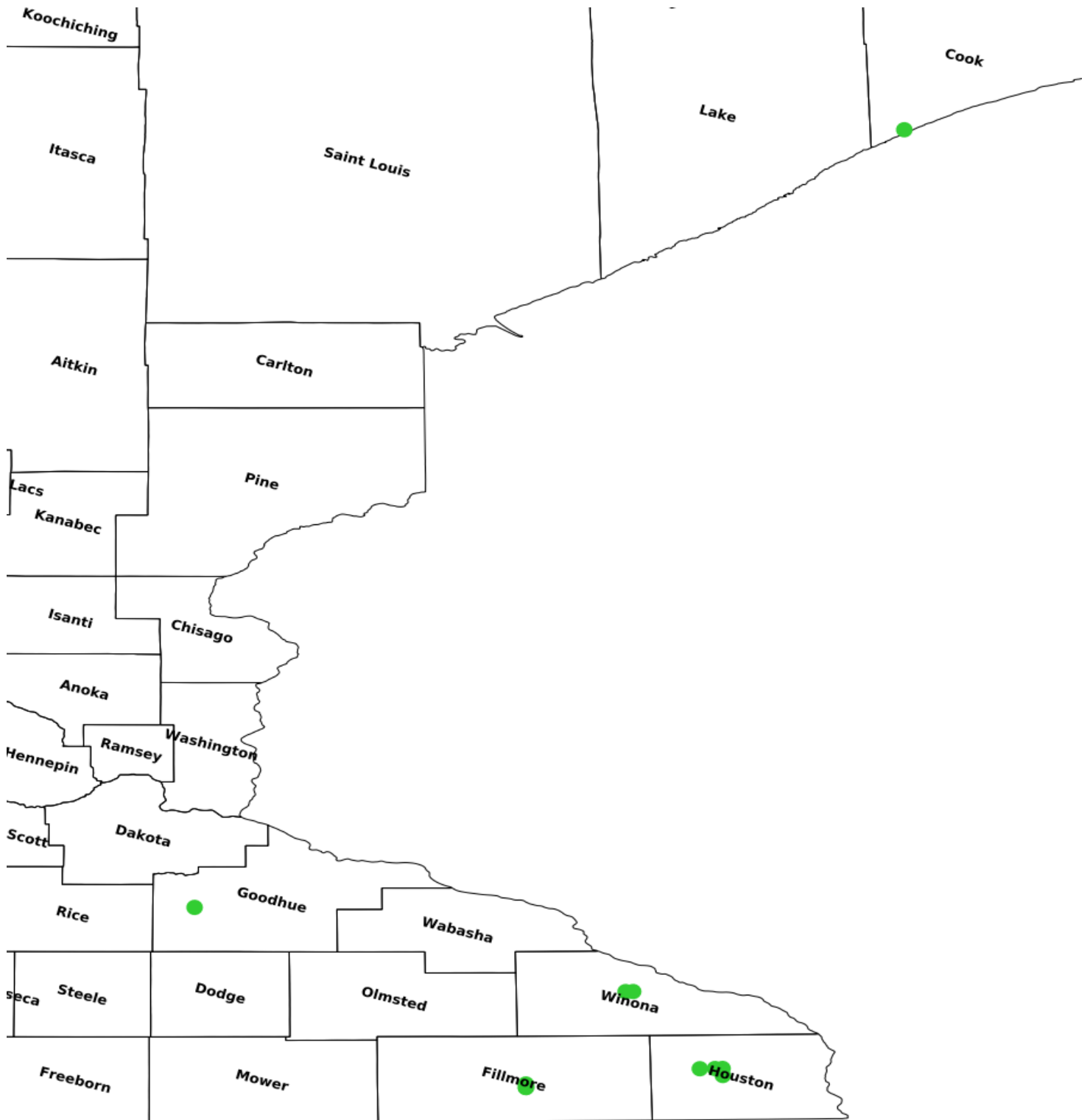
Explain the process used to identify, prioritize, and select the parcels on your list:

Candidate easements are proposed by DNR Fisheries field offices. The local knowledge of field staff is invaluable when it comes to acquiring quality easements. We then score each potential easement with an objective set of criteria that generates a score. Criteria are in the categories of Size & Proximity to other protected lands, Stream Habitat conditions, Fish Population Characteristics, Fish Movement, Thermal Conditions, and Anger Use. A copy of the scoring worksheet is attached to this proposal.

Easement Parcels

Name	County	TRDS	Acres	Est Cost	Existing Protection
Two Island River	Cook	05805202	77	\$340,000	No
Camp Creek	Fillmore	10210217	10	\$76,000	No
Camp Creek	Fillmore	10210208	11	\$78,000	No
Camp Creek	Fillmore	10210217	14	\$97,000	No
Little Cannon River	Goodhue	11118236	40	\$340,000	No
Badger Creek	Houston	10306222	6	\$38,000	No
Badger Creek	Houston	10306221	7	\$43,000	No
Badger Creek	Houston	10306234	3	\$23,000	No
Beaver Creek	Houston	10306219	25	\$150,000	No
Garvin Brook	Winona	10708233	5	\$38,000	No
Garvin Brook	Winona	10708234	3	\$24,000	No

Parcel Map



0 13 26 39 mi

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



Lessard-Sams Outdoor Heritage Council

DNR Trout Stream Conservation Easements - Phase 4

Comparison Report

Program Title: ML 2025 - DNR Trout Stream Conservation Easements - Phase 4

Organization: Minnesota Department of Natural Resources

Manager: Rick Walsh

Budget

Requested Amount: \$2,048,000

Appropriated Amount: \$995,000

Percentage: 48.58%

Item	Requested Proposal	Leverage Proposal	Appropriated AP	Leverage AP	Percent of Request	Percent of Leverage
Personnel	-	-	-	-	-	-
Contracts	-	-	-	-	-	-
Fee Acquisition w/ PILT	-	-	-	-	-	-
Fee Acquisition w/o PILT	-	-	-	-	-	-
Easement Acquisition	\$1,495,000	-	\$715,600	-	47.87%	-
Easement Stewardship	\$240,000	-	\$120,000	-	50.0%	-
Travel	-	-	-	-	-	-
Professional Services	\$300,000	-	\$150,000	-	50.0%	-
Direct Support Services	\$5,000	-	\$5,400	-	108.0%	-
DNR Land Acquisition Costs	-	-	-	-	-	-
Capital Equipment	-	-	-	-	-	-
Other Equipment/Tools	-	-	-	-	-	-
Supplies/Materials	\$8,000	-	\$4,000	-	50.0%	-
DNR IDP	-	-	-	-	-	-
Grand Total	\$2,048,000	-	\$995,000	-	48.58%	-

If the project received 70% of the requested funding

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

A 50% reduction in funding would result in an approximate 50% reduction in acres protected.

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

DSS would not likely be proportionately reduced. One of the main factors driving DSS is the number of "allotments" the funding resides in. The number of allotments would not change regardless of dollar amount awarded.

If the project received 50% of the requested funding

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

A 30% reduction in funding would result in an approximate 30% reduction in acres protected.

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

DSS would not likely be proportionately reduced. One of the main factors driving DSS is the number of "allotments" the funding resides in. The number of allotments would not change regardless of dollar amount awarded.

Output

Acres by Resource Type (Table 1)

Type	Total Proposed	Total in AP	Percentage of Proposed
Restore	0	-	-
Protect in Fee with State PILT Liability	0	-	-
Protect in Fee w/o State PILT Liability	0	-	-
Protect in Easement	250	125	50.0%
Enhance	0	-	-

Total Requested Funding by Resource Type (Table 2)

Type	Total Proposed	Total in AP	Percentage of Proposed
Restore	-	-	-
Protect in Fee with State PILT Liability	-	-	-
Protect in Fee w/o State PILT Liability	-	-	-
Protect in Easement	\$2,048,000	\$995,000	48.58%
Enhance	-	-	-

Acres within each Ecological Section (Table 3)

Type	Total Proposed	Total in AP	Percentage of Proposed
Restore	0	-	-
Protect in Fee with State PILT Liability	0	-	-
Protect in Fee w/o State PILT Liability	0	-	-
Protect in Easement	250	125	50.0%
Enhance	0	-	-

Total Requested Funding within each Ecological Section (Table 4)

Type	Total Proposed	Total in AP	Percentage of Proposed
Restore	-	-	-
Protect in Fee with State PILT Liability	-	-	-
Protect in Fee w/o State PILT Liability	-	-	-
Protect in Easement	\$2,048,000	\$995,000	48.58%
Enhance	-	-	-