



Lessard-Sams Outdoor Heritage Council

Minnesota Statewide Trout Habitat Enhancement & Protection - Construction
ML 2027 Request for Funding

General Information

Date: 06/22/2026

Proposal Title: Minnesota Statewide Trout Habitat Enhancement & Protection - Construction

Funds Requested: \$4,085,000

Confirmed Leverage Funds: -

Is this proposal Scalable?: Yes

Manager Information

Manager's Name: John Lenczewski

Title: Executive Director

Organization: Minnesota Trout Unlimited

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Location Information

County Location(s): Olmsted, Dakota, Lake, Carlton, Fillmore, St. Louis, Pine, Cook and Winona.

Eco regions in which work will take place:

Northern Forest

Southeast Forest

Metro / Urban

Activity types:

Enhance

Priority resources addressed by activity:

Habitat

Narrative

Abstract

Minnesota Trout Unlimited will enhance degraded habitat for wild trout and diverse wildlife in and along priority streams. The LSOHC has funded design and permitting of these projects and we now seek construction funding. Increasing threats to these scarce resources require accelerating habitat work to fix degraded sections and buffer streams from the increased frequency and intensity of large rainfall and flooding. While restoring in-stream habitat, we also increase resilience by reconnecting streams to their floodplains and removing barriers to vital trout movement. Outcomes include increased fish and wildlife populations, and more angling opportunities near people's homes.

Design and Scope of Work

Badly degraded habitat on those trout streams that are most accessible to the public severely limits their productivity and public enjoyment. Minnesota Trout Unlimited (“MNTU”) will directly enhance or restore degraded habitat on 9 miles of priority streams with existing permanent protections and public access.

We will use construction funding to enhance habitat in and along these public waters (in these counties):

1. Vermillion River (Dakota);
2. Hay Creek (Pine);
3. Midway River (Carlton);
4. Anderson Creek (Carlton);
5. Us-Kab-Wan-Ka River (St. Louis);
6. Stewart River (Lake);
7. Greenwood River (Cook);
8. Cobblestone Creek (Winona);
9. Maple Creek (Fillmore);
10. Gribben Creek (Fillmore);
11. Numerous streams statewide (numerous counties) where primarily vegetation focused habitat work will benefit trout populations, as well as riparian wildlife; and
12. Additional habitat enhancements on several streams (several counties).

Due to the diversity of locations and work scope, which is tailored to site needs, individual project descriptions are provided in an attachment.

Goals and scope of habitat work:

Project goals are to increase the carrying capacity and trout population of the stream, increase climate resilience, increase angling access and participation, improve water quality, and provide benefits to other wildlife. Each project will accomplish one or more of these objectives: (a) increase adult trout abundance, (b) reduce stream bank erosion and associated smothering of habitat (sedimentation) downstream, (c) reconnect the stream to its floodplains to reduce impacts from severe flooding, (d) increase natural reproduction of trout and other aquatic organisms, (e) increase habitat for invertebrates and non-game species, (f) improve connectivity of habitat along aquatic and riparian corridors, (g) improve riparian forest health and function, (h) improve angler access and participation, and (i) protect productive trout waters from invasive species. The scope of work and methods utilized vary by project site conditions and are discussed in the individual project descriptions provided in an attachment.

How priorities were set:

MNTU focuses habitat enhancement and restoration efforts on those watersheds likely to continue to support viable, fishable populations of naturally reproducing trout fifty years and more from now. Work is done only where degraded habitat is a limiting factor for a quality, sustainable fishery. Priority locations are determined through consultations with MNDNR professionals, MNDNR management plans and surveys, other habitat and conservation planning efforts, MNTU's knowledge of watersheds, and science-based criteria. All things being equal, we consider the potential to draw new anglers outdoors, increase public awareness, engage landowners in conservation, foster partnerships, and increase public support for OHF projects.

Stakeholder support:

We continue receiving strong support from anglers, landowners, local governments and communities.

LSOHC and Legislative support:

The LSOHC recommended funding for design and permitting of all projects listed and the Minnesota Legislature concurred, appropriating OHF funds for this purpose in May 2026. Many or most of the projects will have permits in hand in July 2027 when FY2028 grants would begin. We now seek construction funding for these projects so we can implement them without delay and provide returns on the state's investment.

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

The projects will restore or enhance degraded habitat for fish and wildlife in and along coldwater streams and rivers which historically supported naturally reproducing trout populations highly valued by generations of anglers. While trout are the apex predator and key indicator species for the health of coldwater ecosystems, a host of rare aquatic and riparian species are uniquely associated with these systems. Well-functioning coldwater aquatic ecosystems are far fewer in number than the 6% of Minnesota's stream and river miles which theoretically can still support trout. Even many streams considered to be the best remaining trout streams have badly degraded segments which disrupt connectivity and significantly impact the productivity and long-term resilience and sustainability of the overall trout population. Streams face growing threats from warming temperatures, increased frequency of severe flooding, and rising demand for groundwater extraction from the aquifers which supply inputs of vitally important cold water. The proposed projects are focused on streams and stream segments which will benefit most from in-stream work and help ensure Minnesota retains at least some high quality coldwater fisheries for future generations. A small portion of an appropriation would be used to maintain and add habitat enhancements to past projects to ensure continuing habitat benefits.

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

Minnesota's trout streams are among the highest quality aquatic systems remaining, but a majority have badly degraded habitat. Leaving degraded segments untreated creates impacts that extends throughout the stream. Degraded sections are no longer providing habitat, clean water benefits, or angling opportunities. A warming climate and more frequent heavy rains require action now to increase floodplain connectivity and increase durability of in-stream habitat. Increased restoration is needed now to increase long term resilience and sustainability of these rare fisheries. Timely maintenance on older projects will extend habitat function and maximize outcomes well into the future.

Threats to trout streams are growing, but most have no permanent protection. DNR acquisition rates have not increased since passage of the Legacy Amendment, despite a growing list of willing riparian landowners. Securing permanent protection before land is transferred to less enlightened landowners is critical to preserve these scarce resources.

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

In selecting project sites, MNTU reviews MNDNR watershed specific fisheries management plans and other conservation planning efforts, consults with MNDNR professionals, and applies ranking criteria developed by the MNDNR. Projects must have the potential to increase the stream's carrying capacity (fish numbers), the stream must have natural reproduction, and the public must have access to fish it. Improving the connectivity of good aquatic and riparian habitat is an important consideration and the projects are selected to expand complexes or connect gaps in these corridors. We are increasingly targeting stream segments which build off earlier habitat or protection work in the same stream or connected watershed. The projects reverse fragmentation and increase long term resilience of trout and other wildlife.

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

Long Range Plan for Fisheries Management

Strategic Plan for Coldwater Resources Management in Southeastern Minnesota

Which LSOHC section priorities are addressed in this proposal?

Metro / Urban

Enhance and restore coldwater fisheries systems

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

Describe how this project/program will produce and demonstrate a significant and permanent conservation legacy and/or outcomes for fish, game, and wildlife:

We will directly restore and enhance critical habitat for fish, game, and nongame wildlife on key segments of coldwater streams and rivers around the state. The projects will restore or enhance habitat in and along 9 miles of streams and rivers, and connect much larger corridors of habitat, while also extending numerous benefits (reduced amounts of habitat-smothering sediments, improved water quality, etc.) far downstream of each project site.

This program will create a lasting conservation legacy by restoring ecological function and long-term resilience along ten or more trout streams through durable in-stream and riparian habitat improvements. Minnesota Trout Unlimited projects will increase the quantity, quality and complexity of in-stream habitat for trout and other aquatic species, reconnect streams to their floodplains to quickly dissipate flood energy and preserve in-stream habitat and bank stability, reduce bank erosion and sedimentation (smothering) of pool and riffle habitat, and improve trout spawning and rearing habitats. All projects are located where wild populations of naturally reproducing trout will take advantage of the increased habitat, including spawning and rearing habitat, to boost populations. These naturally reproducing, self-sustaining populations will remain a lasting legacy for generations of Minnesotans to enjoy.

Native riparian vegetation will be established and will reduce sediment inputs, improve water quality, and enhance habitat for terrestrial and avian wildlife while supporting high-quality angling and outdoor recreational opportunities.

If this project/program does not have permanent outcomes, describe why it is important to undertake at this time:

As summarized in the proceeding section, this program will produce a lasting conservation legacy and outcomes for the naturally reproducing populations of fish, game and wildlife in and along these streams.

Outcomes

Programs in metropolitan urbanizing region:

Improved aquatic habitat indicators ~ *Measured through surveys of fish, macro invertebrates and/or exposed substrates. Abundance, size structure and species diversity are considered.*

Programs in the northern forest region:

Improved aquatic habitat indicators ~ *Measured through surveys of fish, macro invertebrates and/or exposed substrates. Abundance, size structure and species diversity are considered.*

Programs in southeast forest region:

Rivers, streams, and surrounding vegetation provide corridors of habitat ~ *Enhancement of in-stream and riparian corridor habitat creates miles of connected habitat. Outcomes in aquatic life are measured through surveys of fish, macro invertebrates and/or exposed substrates. Abundance, size structure and species diversity are considered.*

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.

The request is not supplanting or a substitution for previous funding. The work proposed for funding is for new or additional work.

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

MNTU's coldwater aquatic habitat restoration and enhancement projects are designed for long-term ecological and hydraulic stability. Construction contracts include three-year maintenance/warranty provisions to ensure habitat work is well established. After this period and once riparian vegetation is well established, major maintenance work is not typically required to sustain the habitat outcomes for decades. Reconnected floodplains allow flood water to quickly spread out and dissipate energy, reducing the destructive impact of a flood. Flood waters typically flatten streamside vegetation temporarily and do not damage the in-stream structures. The increases in trout populations common following completion of a habitat project are typically sustainable long-term through natural reproduction.

We anticipate that long-term monitoring of the integrity of the improvements will be done in conjunction with routine inspections and biological monitoring conducted by MNDNR Fisheries staff. This monitoring will not require OHF or other constitutional funding. In the event that modest maintenance is needed, sources of labor and funding include MNDNR's in-house habitat improvement crew, MNDNR AMA maintenance funding, WMA funding,

MNTU volunteers and other grant funds and partners. MNTU volunteers may assist with long-term monitoring and periodic hands-on labor such as invasive vegetation removal.

Actions to Maintain Project Outcomes

Year	Source of Funds	Step 1	Step 2	Step 3
Spring 2033 (one year after the June 2032 end of grant)	DNR staff funding and MNTU volunteers.	Inspect structural elements and vegetation.	If needed, work with DNR to develop action plans.	If DNR's in-house habitat crew cannot perform the maintenance, work with DNR on using volunteers and/or contractors.
Every 3 years thereafter	DNR staff funding and MNTU volunteers.	Inspect structural elements and vegetation.	If needed, work with DNR to develop action plans.	If DNR's in-house habitat crew cannot perform the maintenance, work with DNR on using volunteers and/or contractors.

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

Our habitat projects provide easy public access to fishable trout populations in relatively small, approachable streams. These projects are accessible to diverse communities, including low- and moderate-income households. They can be fished from the streambanks and no expensive boat, waders, or special gear is required. All that is needed is a pair tennis shoes or mud boots and a simple fishing pole. In southeast Minnesota there are no natural lakes, so anglers of all economic and cultural backgrounds focus angling on the region’s accessible, productive trout streams.

We work only where public angling access is permanently guaranteed and anglers are not frightened away from public waters by "No Trespassing" signs. We believe strongly that people will only share and protect what they can access and appreciate. To preserve quality habitat for future generations the State needs more of its citizens to wander the shores of a stream or lake. These projects will provide productive fisheries accessible by foot and draw more citizens of average means outdoors.

Activity Details

Requirements

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?

AMA

Permanently Protected Conservation Easements

County/Municipal

Public Waters

State Forests

WMA

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 proposal either in the process of restoration or use as food plots?

No

Previous OHF Appropriations

Have you received OHF dollars through LSOHC for this program or project in the past?

Yes

Are there any of these past appropriations still OPEN?

Yes

If needed, please include any explanation of unspent funds.

We only received the grant agreements from the DNR for the three most recent grants (ML 25 and ML24) in the past 6 to 12 months. Approximately 80% of unspent funds are in these appropriations. These long delays have delayed design and permitting and preparation of construction bid packages. We are now moving many large habitat projects along. Significantly more funds have been spent and encumbered since the last status report numbers were reported. All funds in the ML 2021 grant are encumbered and all will be spent by next month (June 2026). A good share of ML 22 and ML 23 funds have been encumbered and most will be spent before any FY28 appropriations become effective on July 1, 2027.

Open OHF Appropriations - Data from Most Recent Status Update

Project	Funding Amount Received	Amount Spent to Date	Funding Remaining	% Spent to Date
ML 2026 - Minnesota Statewide Trout Habitat Enhancement & Protection	\$750,000	-	\$750,000	0.0%
ML 2025 - Minnesota Statewide Trout Habitat Enhancement - Phase 2	\$2,124,000	\$12,800	\$2,111,200	0.6%
ML 2024 - Minnesota Statewide Trout Habitat Enhancement	\$2,308,000	\$14,700	\$2,293,300	0.64%
ML 2023 - Enhance Metro and SE MN Trout Stream Habitats, Phase 2	\$1,690,000	\$438,000	\$1,252,000	25.92%
ML 2022 - Enhancing Metro and North Shore Trout Stream Habitats	\$1,158,000	\$262,700	\$895,300	22.69%
ML 2021 - Minnesota Trout Unlimited Coldwater Fish Habitat Enhancement and Restoration, Phase 13	\$1,033,000	\$810,200	\$222,800	78.43%
Totals	\$9,063,000	\$1,538,400	\$7,524,600	16.97%

Timeline

Activity Name	Estimated Completion Date
Begin bidding and construction of habitat enhancement projects.	July 2027
Complete installation of large scale projects	September 2028
Complete 3 years of vegetation establishment and maintenance work (under warranties).	October 2031

Budget

Totals

Item	Funding Request	Total Leverage	Leverage Source	Total
Personnel	\$280,000	-	-	\$280,000
Contracts	\$3,514,500	\$608,000	NRCS, USFWS, and other partners	\$4,122,500
Fee Acquisition w/ PILT	-	-	-	-
Fee Acquisition w/o PILT	-	-	-	-
Easement Acquisition	-	-	-	-
Easement Stewardship	-	-	-	-
Travel	\$10,000	-	-	\$10,000
Professional Services	\$160,000	-	-	\$160,000
Direct Support Services	\$67,500	-	-	\$67,500
DNR Land Acquisition Costs	-	-	-	-
Capital Equipment	-	-	-	-
Other Equipment/Tools	\$3,300	-	-	\$3,300
Supplies/Materials	\$49,700	-	-	\$49,700
DNR IDP	-	-	-	-
Grand Total	\$4,085,000	\$608,000	-	\$4,693,000

Personnel

Position	Annual FTE	Years Working	Funding Request	Total Leverage	Leverage Source	Total
Habitat enhancement staff	0.7	4.0	\$280,000	-	-	\$280,000

Amount of Request: \$4,085,000

Amount of Leverage: \$608,000

Leverage as a percent of the Request: 14.88%

DSS + Personnel: \$347,500

As a % of the total request: 8.51%

Easement Stewardship: -

As a % of the Easement Acquisition: -

Leverage Funding Table

	Leverage Amount Committed	Leverage Amount Confirmed (of Committed Funds)	Leverage Amount Anticipated	Total Leverage
Amount:	-	-	\$608,000	\$608,000
% of Total Leverage:	0.0%	0.0%	100.0%	

N/A

Detail leverage sources and confirmation of funds:

NRCS in southeast MN projects; USFWS on Greenwood River. The leverage estimates are estimates only of funding

our project partners have applied for. We will aggressively pursue leverage, including federal Farm Bill funding on southeast Minnesota and other federal funding for trout passage projects.

Does this proposal 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?

We anticipate that acre amounts could be proportionately reduced, unless more of the lower cost/acre projects within the program are "cut". Individual projects will cost more per acre if they are of larger scope than other smaller scope projects that enhance a similar number of acres.

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

Personnel and DSS expenses would be adjusted downward but not strictly proportionally. Some projects with lower construction costs can require as much or more staff time as projects with much larger construction costs. Program oversight costs also remain consistent regardless of appropriation amount.

If the project received 30% of the requested funding

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

We anticipate that acre amounts could be proportionately reduced, unless more of the lower cost/acre projects within the program are "cut". Individual projects will cost more per acre if they are of larger scope than other smaller scope projects that enhance a similar number of acres.

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

Personnel and DSS expenses would be adjusted downward but not strictly proportionally. Some projects with lower construction costs can require as much or more staff time as projects with much larger construction costs. Program oversight costs also remain consistent regardless of appropriation amount.

What other dedicated funds may collaborate with or contribute to this proposal?

Personnel

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?

Funding for the current personnel who perform similar work to that required to implement the FY2028 projects has been requested in the past. All staff code each hour they work to the particular OHF grant which funds the particular project worked on. The personnel costs in each OHF grant are estimates only. We may hire new staff to implement work in northern MN. Any unused dollars budgeted for personnel and travel in a given grant will be shifted into contracts and materials budget categories to complete additional habitat work under the grant.

Contracts

What is included in the contracts line?

Cost of hiring contractors to install projects on the ground, and includes heavy equipment use (with operators), other labor, and materials that the construction contractor must incorporate into project features, such as rocks, wood, seed and hydro mulch. It also includes 3 years of vegetation and maintenance follow up.

Professional Services

What is included in the Professional Services line?

Design/Engineering

Other : Permitting and construction oversight.

Travel

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

No

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

None.

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

Yes

Direct Support Services

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

The Direct Support Services parallels Trout Unlimited's federal rate, which is approved every two years. It is based only upon the amount of personnel time, travel, and professional services actually expended on the individual habitat projects in this proposal.

Other Equipment/Tools

Give examples of the types of Equipment and Tools that will be purchased?

Primarily hand tools and safety gear for cutting trees and brush, raking and seeding areas, etc.

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	0	0	0	0
Protect in Fee w/o State PILT Liability	0	0	0	0	0
Protect in Easement	0	0	0	0	0
Enhance	0	0	0	110	110
Total	0	0	0	110	110

Restoration/Enhancement Acres Breakdown of Existing Protected Lands (Table 1a.2)

	RESTORE: Lands acquired with OHF	RESTORE: Lands NOT acquired with OHF	ENHANCE: Lands acquired with OHF	ENHANCE: Lands NOT acquired with OHF
DNR Lands (WMA, State Forests, etc.)	-	-	-	110
Non-DNR Lands (city, state, federal, etc.)	-	-	-	-
Easements	-	-	-	-
Total	-	-	-	110

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	-	-	-	-	-
Enhance	-	-	-	\$4,085,000	\$4,085,000
Total	-	-	-	\$4,085,000	\$4,085,000

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	0	0	0	0	0
Protect in Fee w/o State PILT Liability	0	0	0	0	0	0
Protect in Easement	0	0	0	0	0	0
Enhance	10	0	45	0	55	110
Total	10	0	45	0	55	110

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	-	-	-	-	-	-
Enhance	\$468,000	-	\$1,950,000	-	\$1,667,000	\$4,085,000
Total	\$468,000	-	\$1,950,000	-	\$1,667,000	\$4,085,000

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	-	-	-	-
Enhance	-	-	-	\$37,136

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	-	-	-	-	-
Enhance	\$46,800	-	\$43,333	-	\$30,309

Target Lake/Stream/River Feet or Miles

9 miles

Parcels

Sign-up Criteria?

No

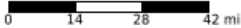
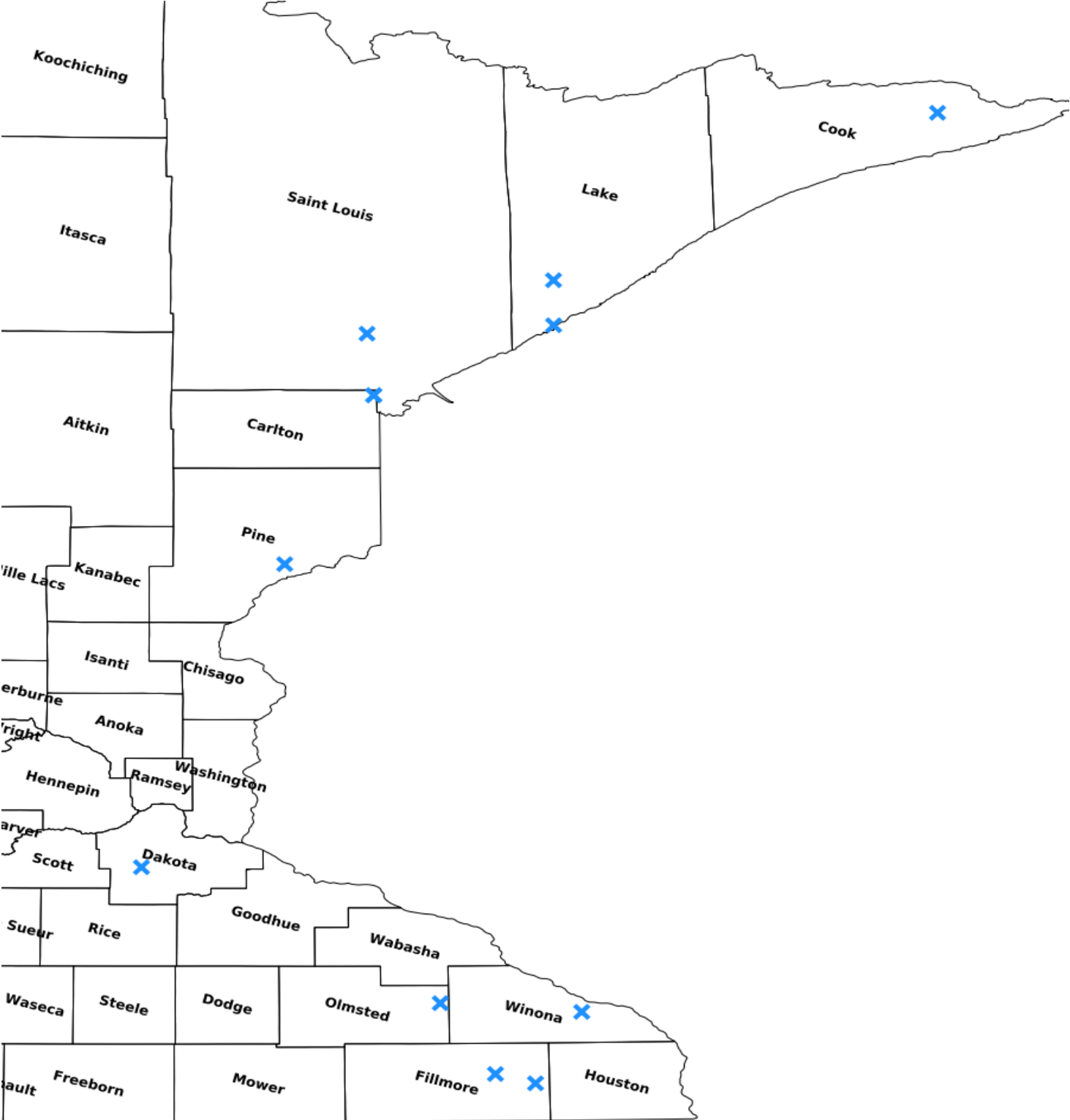
Explain the process used to identify, prioritize, and select the parcels on your list:

MNTU focuses habitat enhancement and restoration efforts on those watersheds likely to continue to support viable, fishable populations of naturally reproducing trout fifty years and more from now. Work is done only where degraded habitat is a limiting factor for a quality, sustainable fishery. Priority locations are determined through consultations with MNDNR professionals, MNDNR management plans and surveys, other habitat and conservation planning efforts, MNTU members' knowledge of watersheds, and science-based criteria.

Restore / Enhance Parcels

Name	County	TRDS	Acres	Est Cost	Existing Protection	Description
Anderson Creek	Carlton	04916212	3	\$0	Yes	Re-meneander cold brook trout stream
Midway River	Carlton	04916212	5	\$0	Yes	Enhance habitat for brook trout in larger area stream
Greenwood River	Cook	06302102	24	\$0	Yes	Restore access to 2 miles of habitat for native brook trout.
Vermillion River	Dakota	11420236	5	\$0	Yes	Enhance habitat on previously straightened section and recapture 1,800 feet of stream channel
Gribben Creek	Fillmore	10309221	7	\$0	Yes	Enhance habitat for wild brown trout
Maple Creek	Fillmore	10208203	10	\$0	Yes	Enhance habitat from recent project down to So Fork Root to connect habitat corridor
Numerous streams statewide - vegetation focused, primarily	Lake	05510217	12	\$0	Yes	Enhance habitat primarily through riparian vegetation management.
Stewart River	Lake	05310229	7	\$0	Yes	Restore forest canopy to cool river
Additional Enhancements & Maintenance on several streams (statewide)	Olmsted	10711235	24	\$0	Yes	Maintenance and additional enhancements on older projects to ensure continued habitat benefits for years
Hay Creek	Pine	04118232	5	\$0	Yes	Enhance brook trout habitat on nearest stream to north metro anglers
Us-Kab-Wan-Ka River	St. Louis	05216202	4	\$0	Yes	Re-meander coldest reach of native brook trout stream
Cobblestone Creek	Winona	10607213	10	\$0	Yes	Enhance habitat for heritage brook trout on entire main stem of cold stream.

Parcel Map



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

Minnesota Statewide Trout Habitat Enhancement & Protection - FY28



Enhanced Habitat on North Shore Trout Stream





**Enhanced Habitat on Southeast
MN Trout Stream**

