

Lessard-Sams Outdoor Heritage Council Laws of Minnesota 2014 Final Report



Date: August 14, 2019

Program or Project Title: Fisheries Habitat Protection on Strategic North Central Minnesota Lakes

Funds Recommended: \$2,130,000

Manager's Name: Katherine DonCarlos
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Legislative Citation: ML 2014, Ch. 256, Art. 1, Sec. 2, Subd. 5(b)

Appropriation Language: \$2,130,000 in the second year is to the commissioner of natural resources for agreements with the Leech Lake Area Watershed Foundation and Minnesota Land Trust to acquire land in fee and permanent conservation easements to sustain healthy fish habitat on lakes in Aitkin, Cass, Crow Wing, and Hubbard Counties as follows: \$1,150,300 to Leech Lake Area Watershed Foundation; and \$979,700 to Minnesota Land Trust, of which up to \$120,000 to Minnesota Land Trust is for establishing a monitoring and enforcement fund as approved in the accomplishment plan and subject to Minnesota Statutes, section 97A.056, subdivision 17. A list of proposed land acquisitions must be provided as part of the required accomplishment plan.

County Locations: Cass, and Crow Wing.

Eco regions in which work was completed:

- Northern Forest

Activity types:

- Protect in Easement
- Protect in Fee

Priority resources addressed by activity:

- Habitat

Summary of Accomplishments:

Leech Lake Area Watershed Foundation and the Minnesota Land Trust collectively protected 765 acres and 8.9 miles of critical shoreland and forest habitat in the watersheds of strategic North Central Minnesota lakes through the completion of 5 conservation easements and 1 fee title acquisition. Acreage protection outcomes exceeded that proposed by 151%; shoreland protected exceeded that proposed by 297%. The grant leveraged \$1,119,000 through landowner donation of easement and fee value and other sources, exceeding goals by 134%.

Process & Methods:

The primary goal of this program was to ensure protection of coldwater fisheries associated with tullibee refuge lakes in north-central Minnesota. These lakes have the best biological integrity necessary for sustaining a sport fishery in the face of development and a changing climate.

Tullibee (also known as cisco) is the preferred forage fish for the production of quality walleye, northern pike, muskellunge, and lake

trout. They require cold, well-oxygenated waters, conditions most common in lakes with deep water and functioning watersheds. Tullibee populations are the “canary in the coalmine” for three significant collective threats to Minnesota’s sport fishery: shoreline development, watershed health, and climate warming. As average summer temperatures have increased, tullibee declines have been observed in some lakes. Deep, cold water tullibee lakes that have high quality, well-oxygenated waters and natural, undisturbed land cover along the shorelines and within their watersheds will have the best chance to sustain tullibee populations in the face of these threats and will serve as a “refuge” for the tullibee if annual temperatures increase.

The program focused on land protection via fee title and conservation easement acquisition within the watersheds of 38 tullibee refuge lakes in Hubbard, Cass, Crow Wing, and Aitkin counties. A project team, including the MN DNR Fisheries Habitat Coordinator and county SWCDs, prioritized projects to maximize outcomes.

Through the Fisheries Habitat Protection on Strategic North Central Minnesota Lakes - Phase I grant, project partners Northern Waters Land Trust (formerly Leech Lake Area Watershed Foundation) and Minnesota Land Trust exceeded proposed goals, including:

- Protection of 765 acres of high quality habitat within priority Tullibee watersheds including both in fee (1 property of 105 acres) and via conservation easements (5 properties over 662 acres). Together, these properties protected 8.9 miles of shoreland. Project sheets summarizing each of these projects have been uploaded as part of this final report.
- Grant outcomes exceed by 151% the total acres and by 297% the total amount of shoreland proposed for protection under this grant.
- The \$2,130,000 grant leveraged \$1,014,000 in easement value and \$105,000 in fee value donated by landowners participating in the program, and raised through other sources. This amount exceeds that proposed by 127%.

Protected Properties include:

1. Woods Bay, Lake Roosevelt – a 105-acre fee purchase on Woods Bay in Lake Roosevelt (a tullibee refuge lake) that protects high quality habitat including intact old growth forest and the adjacent prime muskie spawning area. The property has been transferred to the MN DNR and is managed as the Roosevelt Lake State Aquatic Management Area.
2. Whitefish Lake (Haddorff) – a 215-acre easement protecting a stunning stretch of natural habitat and 3,200 feet of shoreline along Whitefish Lake. The property also encompasses nearly all of Kutil Lake and its outflow into Whitefish Lake.
3. Washburn Lake (Gouze) – a 23-acre easement protecting an important natural habitat corridor between Washburn Lake and Lake George. The easement protects extensive shoreland on both lakes and along Saggett Brook. Washburn Lake is a tullibee refuge lake.
4. Leech Lake (Arnold) – a 45-acre easement protecting the southern tip of Minnesota Island in Leech Lake’s Steamboat Bay. The property contains abundant wetlands interspersed with small sandy and often forested ridges; wild rice beds are common.
5. Borden Lake (Lavender Springs) – a 105-acre easement protecting heavily forested land with scattered wetlands at the headwaters of Black Bear Creek, a state-designated trout stream and tributary to Borden Lake (a tullibee refuge lake).
6. Ten Mile Lake (Deer Lodge, LLC) – A 61-acre easement protecting forests and extensive shoreland wetlands adjacent to Ten Mile Lake, a tullibee refuge lake.

In addition, project partners established important supporting procedures and practices that have played an essential part in sustaining the Fisheries Habitat Protection program through this and subsequent phases of funding. These included:

- NWLT created its Clean Water, Critical Habitat program. This program was used to promote and educate landowners on the benefits of conservation easements and acquisitions, greatly facilitating the success achieved through our Phase 1 grant.
- NWLT engaged a University of Minnesota GIS graduate student through the CURA-CAP program to create priority parcel maps for all tullibee refuge lakes in Cass, Crow Wing, Hubbard, and Aitkin counties. The associated information was used to develop a mailing list used to promote the program to over 1100 landowners and to seek applicants interested in protecting their lands through conservation easements.
- NWLT and MLT developed and launched an RFP process (modeled after a “reverse bid” approach pioneered by St. John’s University and MLT in the Avon Hills) to seek applications from interested landowners and encourage competition for limited funds.
- Criteria for prioritizing parcels (including parcel size, shoreline length, sensitive shoreline designation, wetland area, known aquatic and wildlife habitat areas, lake inlets and outlets, and adjacency to public and conservation lands) were established to evaluate prospective projects submitted by interested landowners. An interagency technical team was created to review and score applications to make final project selections. Technical team members represent staff from pertinent SWCD’s, Counties, DNR Fisheries and Wildlife, MLT, and NWLT.
- A scoresheet to assist in project selection was developed, along with associated criteria for scoring projects. GIS analyses using existing data, coupled with information stemming from field visits to potential projects, were used to score the projects. This scoring framework has evolved over time as more data has become available and the methodologies tweaked to better fit local circumstances, resulting in a more sophisticated and inclusive system.
- Outreach to landowners through a local organization has proven invaluable in building landowner recognition of the program and overall success. NWLT maintained contact with landowners—answering questions, publishing email newsletters, making site visits, and, if our program didn’t fit their needs, directing them to other conservation programs sponsored by DNR or SWCD’s.

Explain Partners, Supporters, & Opposition:

NWLT worked with the Eggers Family for eight years and received a grant from the LSOHC in 2014 to acquire the property in fee for an AMA. The Roosevelt And Lawrence Area Lake Association (RALALA) partnered with NWLT to appeal to landowners in the watershed to

provide both financial and community support for the protection of this property. The Twin Cities Chapter of Muskie Inc., Hugh C. Becker Foundation, also provided a grant in 2014 for the acquisition of this property. NWLT met with Crow Wing County during the process to inform the County and discuss all concerns about the transaction; the County was supportive of the project.

A technical team involving individuals from local SWCDs, Minnesota DNR, NWLT and MLT was instrumental in reviewing and prioritizing easement projects for consideration. Those secured through this grant were the highest ranking projects emerging from this group.

Additional Comments:

Exceptional challenges, expectations, failures, opportunities, or unique aspects of program

As noted in the process and methods section, a significant amount of time and effort during this first phase of the Fisheries Habitat Protection program was devoted to ensuring that the underpinning processes and methodologies were on firm footing. As with any first-time effort, ongoing improvements to draft processes/methods were the norm. NWLT engaged partner organizations to participate in aspects of the program and otherwise vet procedures being developed, with an eye toward both improving buy-in and crafting the best processes/methods possible. This investment in Phase 1 will prove valuable as we move forward through later phases of this program.

In addition, NWLT and MLT both recognize the invaluable assistance provided by LSOHC and MN DNR staff throughout the duration of the grant. For NWLT in particular, this being its first LSOHC grant, that assistance was essential in making this first grant a success.

Other Funds Received:

- Environmental and Natural Resource Trust Fund
- Landowner donation of easement and fee value; other donations

How were the funds used to advanced the program:

NWLT and BWSR received funding through the Environment and Natural Resources Trust fund to pilot a RIM conservation easement program focusing attention on 8 tullibee refuge lakes in the Headwaters region. The program procured 5 conservation easements during the grant period which concluded on June 30, 2016. Collectively, those projects protected 218 acres of forest habitat and 1,750 feet of shoreland within the watersheds of these refuge lakes in Cass and Crow Wing counties. These activities were complementary to protection efforts achieved through this OHF grant.

MLT and NWLT both received significant landowner donation of easement and fee value of lands through the grant, amounting to \$1,119,000. This enabled both organizations to significantly expand the impact of the grant. In addition, NWLT received grants and funding from a variety of sources for the acquisition of the Roosevelt Lake property.

What is the plan to sustain and/or maintain this work after the Outdoor Heritage Funds are expended:

The fee title acquisition procured by NWLT is a significant addition to Roosevelt Lake AMA which will be managed by MN DNR. The DNR has incorporated the costs for monitoring and managing the addition to the Roosevelt Lake Aquatic Management Area using Game and Fish Funds.

The Minnesota Land Trust will hold the conservation easements acquired. The land protected through these conservation easements will be sustained through the best standards and practices for conservation easement stewardship. The Minnesota Land Trust is a nationally-accredited land trust with a very successful stewardship program that includes annual property monitoring, effective records management, addressing inquiries and interpretations, tracking changes in ownership, investigating potential violations and defending the easement in case of a true violation. In addition, MLT encourages landowners to undertake active ecological management of their properties, provides them with habitat management plans, and works with them over time to secure resources (expertise and funding) to undertake these activities over time.

Outcomes:

The original accomplishment plan stated the program would

Programs in the northern forest region:

- Forestlands are protected from development and fragmentation
- Healthy populations of endangered, threatened, and special concern species as well as more common species
- Improved aquatic habitat indicators
- Increased availability and improved condition of riparian forests and other habitat corridors
- Greater public access for wildlife and outdoors-related recreation

How will the outcomes be measured and evaluated?

Protection of forestland are measured in acres protected; shoreland protection is measured in feet (or miles) protected. Enhancement of public access is measured in terms of new properties (and acres) open for public use. It is more difficult to measure the effects that these protection projects have on securing healthy populations of endangered, threatened and special concern species and improving aquatic habitat indicators. These actions have certainly played a beneficial role in this regard, and with other actions occurring across the landscape are having an impact.

Budget Spreadsheet

Final Budget line item reallocations are allowed up to 10% and do not need require an amendment to the Accomplishment Plan

Total Amount: \$2,130,000

Budget and Cash Leverage

BudgetName	Request	Spent	Cash Leverage (anticipated)	Cash Leverage (received)	Leverage Source	Total (original)	Total (final)
Personnel	\$134,000	\$167,100	\$0	\$0		\$134,000	\$167,100
Contracts	\$0	\$18,700	\$0	\$0		\$0	\$18,700
Fee Acquisition w/ PILT	\$1,000,000	\$811,000	\$100,000	\$105,000	Landowner donation of fee value; other sources.	\$1,100,000	\$916,000
Fee Acquisition w/o PILT	\$0	\$0	\$0	\$0		\$0	\$0
Easement Acquisition	\$733,700	\$523,000	\$733,700	\$1,014,000	Landowner Donation of Easement Value	\$1,467,400	\$1,537,000
Easement Stewardship	\$120,000	\$100,000	\$0	\$0		\$120,000	\$100,000
Travel	\$11,000	\$11,000	\$0	\$0		\$11,000	\$11,000
Professional Services	\$116,300	\$120,400	\$0	\$0		\$116,300	\$120,400
Direct Support Services	\$0	\$0	\$0	\$0		\$0	\$0
DNR Land Acquisition Costs	\$14,000	\$14,000	\$0	\$0		\$14,000	\$14,000
Capital Equipment	\$0	\$0	\$0	\$0		\$0	\$0
Other Equipment/Tools	\$0	\$0	\$0	\$0		\$0	\$0
Supplies/Materials	\$1,000	\$0	\$0	\$0		\$1,000	\$0
DNR IDP	\$0	\$21,000	\$0	\$0		\$0	\$21,000
Total	\$2,130,000	\$1,786,200	\$833,700	\$1,119,000		\$2,963,700	\$2,905,200

Personnel

Position	FTE	Over # of years	Spent	Cash Leverage	Leverage Source	Total
Conservation Personnel	0.33	3.00	\$118,600	\$0		\$118,600
Conservation Specialist	0.10	1.00	\$9,000	\$0		\$9,000
Conservation Specialist/Outreach/Admin	0.20	3.00	\$39,500	\$0		\$39,500
Total	0.63	7.00	\$167,100	\$0		\$167,100

Budget and Cash Leverage by Partnership

Budget Name	Partnership	Request	Spent	Cash Leverage (anticipated)	Cash Leverage (received)	Leverage Source	Original AP Total	Total Spent
Personnel	Minnesota Land Trust	\$75,000	\$118,600	\$0	\$0		\$75,000	\$118,600
Contracts	Minnesota Land Trust	\$0	\$0	\$0	\$0		\$0	\$0
Fee Acquisition w/ PILT	Minnesota Land Trust	\$0	\$0	\$0	\$0		\$0	\$0
Fee Acquisition w/o PILT	Minnesota Land Trust	\$0	\$0	\$0	\$0		\$0	\$0
Easement Acquisition	Minnesota Land Trust	\$733,700	\$523,000	\$733,700	\$1,014,000	Landowner Donation of Easement Value	\$1,467,400	\$1,537,000
Easement Stewardship	Minnesota Land Trust	\$120,000	\$100,000	\$0	\$0		\$120,000	\$100,000
Travel	Minnesota Land Trust	\$6,000	\$7,400	\$0	\$0		\$6,000	\$7,400
Professional Services	Minnesota Land Trust	\$45,000	\$75,600	\$0	\$0		\$45,000	\$75,600
Direct Support Services	Minnesota Land Trust	\$0	\$0	\$0	\$0		\$0	\$0
DNR Land Acquisition Costs	Minnesota Land Trust	\$0	\$0	\$0	\$0		\$0	\$0
Capital Equipment	Minnesota Land Trust	\$0	\$0	\$0	\$0		\$0	\$0
Other Equipment/Tools	Minnesota Land Trust	\$0	\$0	\$0	\$0		\$0	\$0
Supplies/Materials	Minnesota Land Trust	\$0	\$0	\$0	\$0		\$0	\$0
DNR IDP	Minnesota Land Trust	\$0	\$6,000	\$0	\$0		\$0	\$6,000
Total		\$979,700	\$830,600	\$733,700	\$1,014,000		\$1,713,400	\$1,844,600

Personnel - Minnesota Land Trust

Position	FTE	Over # of years	Spent	Cash Leverage	Leverage Source	Total
Conservation Personnel	0.33	3.00	\$118,600	\$0		\$118,600
Total	0.33	3.00	\$118,600	\$0		\$118,600

BudgetName	Partnership	Request	Spent	Cash Leverage (anticipated)	Cash Leverage (received)	Leverage Source	Original AP Total	Total Spent
Personnel	Leech Lake Area Watershed Foundation	\$59,000	\$48,500	\$0	\$0		\$59,000	\$48,500
Contracts	Leech Lake Area Watershed Foundation	\$0	\$18,700	\$0	\$0		\$0	\$18,700
Fee Acquisition w/ PILT	Leech Lake Area Watershed Foundation	\$1,000,000	\$811,000	\$100,000	\$105,000	Landowner donation of fee value; other sources.	\$1,100,000	\$916,000
Fee Acquisition w/o PILT	Leech Lake Area Watershed Foundation	\$0	\$0	\$0	\$0		\$0	\$0
Easement Acquisition	Leech Lake Area Watershed Foundation	\$0	\$0	\$0	\$0		\$0	\$0
Easement Stewardship	Leech Lake Area Watershed Foundation	\$0	\$0	\$0	\$0		\$0	\$0
Travel	Leech Lake Area Watershed Foundation	\$5,000	\$3,600	\$0	\$0		\$5,000	\$3,600
Professional Services	Leech Lake Area Watershed Foundation	\$71,300	\$44,800	\$0	\$0		\$71,300	\$44,800
Direct Support Services	Leech Lake Area Watershed Foundation	\$0	\$0	\$0	\$0		\$0	\$0
DNR Land Acquisition Costs	Leech Lake Area Watershed Foundation	\$14,000	\$14,000	\$0	\$0		\$14,000	\$14,000
Capital Equipment	Leech Lake Area Watershed Foundation	\$0	\$0	\$0	\$0		\$0	\$0
Other Equipment/Tools	Leech Lake Area Watershed Foundation	\$0	\$0	\$0	\$0		\$0	\$0
Supplies/Materials	Leech Lake Area Watershed Foundation	\$1,000	\$0	\$0	\$0		\$1,000	\$0
DNR IDP	Leech Lake Area Watershed Foundation	\$0	\$15,000	\$0	\$0		\$0	\$15,000
Total		\$1,150,300	\$955,600	\$100,000	\$105,000		\$1,250,300	\$1,060,600

Personnel - Leech Lake Area Watershed Foundation

Position	FTE	Over # of years	Spent	Cash Leverage	Leverage Source	Total
Conservation Specialist	0.10	1.00	\$9,000	\$0		\$9,000
Conservation Specialist/Outreach/Admin	0.20	3.00	\$39,500	\$0		\$39,500
Total	0.30	4.00	\$48,500	\$0		\$48,500

Explain any budget challenges or successes:

Both Minnesota Land Trust and Northern Waters Land Trust were able to secure significant landowner donations of easement and fee value which enabled us to significantly increase the amount of protection work accomplished through the grant. NWLT was also successful in procuring other funds in support of their fee acquisition. Finally, NWLT greatly appreciates all of the support provided by LSOHC and DNR staff to execute this grant! The program will be returning \$343,800 in unspent grant funding back to the Outdoor Heritage Fund.

All revenues received by the recipient that have been generated from activities on land with money from the OHF:

Total Revenue: \$0
 Revenue Spent: \$0
 Revenue Balance: \$0

- E. This is not applicable as there was no revenue generated.

Output Tables

Table 1a. Acres by Resource Type

Type	Wetlands (original)	Wetlands (final)	Prairies (original)	Prairies (final)	Forest (original)	Forest (final)	Habitats (original)	Habitats (final)	Total (original)	Total (final)
Restore	0	0	0	0	0	0	0	0	0	0
Protect in Fee with State PILT Liability	0	0	0	0	0	0	105	103	105	103
Protect in Fee W/O State PILT Liability	0	0	0	0	0	0	0	0	0	0
Protect in Easement	0	0	0	0	0	0	400	662	400	662
Enhance	0	0	0	0	0	0	0	0	0	0
Total	0	0	0	0	0	0	505	765	505	765

Table 2. Total Funding by Resource Type

Type	Wetlands (original)	Wetlands (final)	Prairies (original)	Prairies (final)	Forest (original)	Forest (final)	Habitats (original)	Habitats (final)	Total (original)	Total (final)
Restore	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Protect in Fee with State PILT Liability	\$0	\$0	\$0	\$0	\$0	\$0	\$1,050,300	\$918,400	\$1,050,300	\$918,400
Protect in Fee W/O State PILT Liability	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Protect in Easement	\$0	\$0	\$0	\$0	\$0	\$0	\$1,079,700	\$867,800	\$1,079,700	\$867,800
Enhance	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Total	\$0	\$0	\$0	\$0	\$0	\$0	\$2,130,000	\$1,786,200	\$2,130,000	\$1,786,200

Table 3. Acres within each Ecological Section

Type	Metro Urban (original)	Metro Urban (final)	ForestPrairie (original)	Forest Prairie (final)	SE Forest (original)	SE Forest (final)	Prairie (original)	Prairie (final)	N Forest (original)	N Forest (final)	Total (original)	Total (final)
Restore	0	0	0	0	0	0	0	0	0	0	0	0
Protect in Fee with State PILT Liability	0	0	0	0	0	0	0	0	105	103	105	103
Protect in Fee W/O State PILT Liability	0	0	0	0	0	0	0	0	0	0	0	0
Protect in Easement	0	0	0	0	0	0	0	0	400	662	400	662
Enhance	0	0	0	0	0	0	0	0	0	0	0	0
Total	0	0	0	0	0	0	0	0	505	765	505	765

Table 4. Total Funding within each Ecological Section

Type	Metro Urban (original)	Metro Urban (final)	ForestPrairie (original)	Forest Prairie (final)	SE Forest (original)	SE Forest (final)	Prairie (original)	Prairie (final)	N Forest (original)	N Forest (final)	Total (original)	Total (final)
Restore	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Protect in Fee with State PILT Liability	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$1,050,300	\$918,400	\$1,050,300	\$918,400
Protect in Fee W/O State PILT Liability	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Protect in Easement	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$1,079,700	\$867,800	\$1,079,700	\$867,800
Enhance	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Total	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$2,130,000	\$1,786,200	\$2,130,000	\$1,786,200

Automatic system calculation / not entered by managers

Target Lake/Stream/River Feet or Miles (original)

3

Target Lake/Stream/River Feet or Miles (final)

45,884 feet or 8.9 miles

Explain the success/shortage of acre goals:

The project exceeded proposed goals in all areas. Acreage goals were exceeded by 151%; shoreland protection goals were exceeded that proposed by 297%. The grant leveraged \$1,119,000 through landowner donation of easement and fee value and other sources, exceeding that proposed by 134%.

Parcel List

Section 1 - Restore / Enhance Parcel List

No parcels with an activity type restore or enhance.

Section 2 - Protect Parcel List

Cass

Name	TRDS	Acres	OHF Cost	Existing Protection?	Hunting?	Fishing?	Description
Leech Lake (Arnold)	14331222	45	\$133,500	No	No	No	A 45-acre easement protects the southern tip of Minnesota Island in Leech Lakes Steamboat Bay. The property contains wetlands interspersed with small sandy and often forested ridges; wild rice beds are common.
Ten Mile Lake (Deer Lodge, LLC)	14031205	61	\$260,000	No	No	No	This 61-acre easement protects forests and extensive shoreland wetlands adjacent to Ten Mile Lake, a Tullibee refuge lake.
Washburn Lake (Gouze)	13926205	236	\$0	No	No	No	Situated between Lake George and Washburn Lake (a Tullibee refuge lake), this 236-acre easement protects an important corridor of natural habitat between them. The easement protects extensive undeveloped shoreline on both lakes and portions of the adjacent riparian corridor of Saggett Brook.

Crow Wing

Name	TRDS	Acres	OHF Cost	Existing Protection?	Hunting?	Fishing?	Description
Borden Lake (Lavender Springs)	04428207	105	\$129,500	No	No	No	The 105-acre easement protects heavily forested land with scattered wetlands at the headwaters of Black Bear Creek, a state-designated trout stream and tributary to Borden Lake (a Tullibee Refuge Lake).
Roosevelt Lake	13826208	103	\$863,609	No	Full	Full	The 103-acre fee acquisition protects more than 5,000 feet of pristine, forested shoreland in Woods Bay on Lake Roosevelt. This deep, coldwater 1585-acre lake is a Tullibee refuge lake.
Whitefish Lake (Haddorff)	04328213	215	\$0	No	No	No	The 215-acre easement protects a stunning stretch of natural habitat and 3,200 feet of shoreline along Whitefish Lake. The property also encompasses nearly all of Kutil Lake and its outflow into Whitefish Lake.

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.

Completed Parcel: Borden Lake (Lavender Springs)

# of Total Acres:	105
County:	Crow Wing
Township:	044
Range:	28
Direction:	2
Section:	07
# of Acres: Wetlands/Upland:	21
# of Acres: Forest:	84
# of Acres: Prairie/Grassland:	0
Amount of Shoreline:	3157 (Linear Feet)
Name of Adjacent Body of Water (if applicable):	ponds, perennial & intermittent streams
Has there been signage erected at the site:	No - Signage was given to landowner at closing. We will verify if it has been erected during the annual monitoring visit.
Annual Reporting Organization Name:	Minnesota Land Trust
Annual Reporting Manager Name:	Wayne Ostlie
Annual Reporting Address:	2356 University Ave W, Suite 240
Annual Reporting City:	St. Paul
Annual Reporting State:	MN
Annual Reporting Zip:	55114
Annual Reporting Email:	wostlie@mnland.org
Annual Reporting Phone:	651-647-9590
Purchase Date:	July 25, 2017
Purchase Price:	\$129,500
Appraised Value:	\$129,500
Professional Service Costs:	\$8,149
Assessed Value:	\$191,400
Total Project Cost:	\$129,500
Donations:	\$0
Easement Holder Organization Name:	Minnesota Land Trust
Easement Holder Manager Name:	Wayne Ostlie
Easement Holder Address:	2356 University Ave W, Suite 240
Easement Holder City:	St. Paul
Easement Holder State:	MN
Easement Holder Zip:	55114
Easement Holder Email:	wostlie@mnland.org
Easement Holder Phone:	651-647-9590
Responsible Organization Name:	Minnesota Land Trust
Responsible Manager Name:	Wayne Ostlie
Responsible Address:	2356 University Ave W, Suite 240
Responsible City:	St. Paul
Responsible State:	MN
Responsible Zip:	55114
Responsible Email:	wostlie@mnland.org
Responsible Phone:	651-647-9590
Underlying Fee Owner:	Lavender Springs Tree Farm, LLC

Completed Parcel: Leech Lake (Arnold)

# of Total Acres:	45
County:	Cass
Township:	143
Range:	31
Direction:	2
Section:	22
# of Acres: Wetlands/Upland:	43
# of Acres: Forest:	1
# of Acres: Prairie/Grassland:	1
Amount of Shoreline:	5596 (Linear Feet)
Name of Adjacent Body of Water (if applicable):	Leech Lake
Has there been signage erected at the site:	No - Landowner was presented with signs at closing. Minnesota Land Trust will confirm placement during annual monitoring visits.
Annual Reporting Organization Name:	Minnesota Land Trust
Annual Reporting Manager Name:	Wayne Ostlie
Annual Reporting Address:	2356 University Ave W, Suite 240
Annual Reporting City:	St. Paul
Annual Reporting State:	MN
Annual Reporting Zip:	55114
Annual Reporting Email:	wostlie@mnland.org
Annual Reporting Phone:	651-917-6292
Purchase Date:	June 07, 2017
Purchase Price:	\$133,500
Appraised Value:	\$133,500
Professional Service Costs:	\$3,004
Assessed Value:	\$52,000
Total Project Cost:	\$133,500
Donations:	\$0
Easement Holder Organization Name:	Minnesota Land Trust
Easement Holder Manager Name:	Wayne Ostlie
Easement Holder Address:	2356 University Ave W, Suite 240
Easement Holder City:	St. Paul
Easement Holder State:	MN
Easement Holder Zip:	55114
Easement Holder Email:	wostlie@mnland.org
Easement Holder Phone:	651-917-6292
Responsible Organization Name:	Minnesota Land Trust
Responsible Manager Name:	Wayne Ostlie
Responsible Address:	2356 University Ave W, Suite 240
Responsible City:	St. Paul
Responsible State:	MN
Responsible Zip:	55114
Responsible Email:	wostlie@mnland.org
Responsible Phone:	651-917-6292
Underlying Fee Owner:	AJA Partnership, LLC

Completed Parcel: Roosevelt Lake

# of Total Acres:	103
County:	Crow Wing
Township:	138
Range:	26
Direction:	2
Section:	08
# of Acres: Wetlands/Upland:	
# of Acres: Forest:	
# of Acres: Prairie/Grassland:	
Amount of Shoreline:	3870.75 (Linear Feet)
Name of Adjacent Body of Water (if applicable):	Roosevelt lake
Has there been signage erected at the site:	Yes
Annual Reporting Organization Name:	MN DNR
Annual Reporting Manager Name:	Mark Bacigalupi
Annual Reporting Address:	1601 Minnesota Drive
Annual Reporting City:	Brainerd
Annual Reporting State:	MN
Annual Reporting Zip:	56401
Annual Reporting Email:	marc.bacigalupi@state.mn.us
Annual Reporting Phone:	218-203-4303
Purchase Date:	November 17, 2016
Acquisition Title:	
Purchase Price:	\$826,000
Appraised Value:	\$916,000
Professional Service Costs:	\$21,328
Assessed Value:	\$594,400
Total Project Cost:	\$923,609
Fees Received:	\$0
Donations:	\$60,000
Related Parties:	
Property Managed By:	DNR - Aquatic Management Area -
Name of the unit area or location government unit or land manager:	MN DNR Brainerd Area Fisheries

Completed Parcel: Ten Mile Lake (Deer Lodge, LLC)

# of Total Acres:	61
County:	Cass
Township:	140
Range:	31
Direction:	2
Section:	05
# of Acres: Wetlands/Upland:	15
# of Acres: Forest:	42
# of Acres: Prairie/Grassland:	0
Amount of Shoreline:	2792 (Linear Feet)
Name of Adjacent Body of Water (if applicable):	Ten Mile Lake
Has there been signage erected at the site:	No - Signs were provided to the owner at closing. We will verify if they have been erected during our annual monitoring visit.
Annual Reporting Organization Name:	Minnesota Land Trust
Annual Reporting Manager Name:	Wayne Ostlie
Annual Reporting Address:	2356 University Ave W, Suite 240
Annual Reporting City:	St. Paul
Annual Reporting State:	MN
Annual Reporting Zip:	55114
Annual Reporting Email:	wostlie@mnland.org
Annual Reporting Phone:	6518943870
Purchase Date:	June 29, 2018
Purchase Price:	\$260,000
Appraised Value:	\$260,000
Professional Service Costs:	\$11,238
Assessed Value:	\$449,400
Total Project Cost:	\$260,000
Donations:	\$0
Easement Holder Organization Name:	Minnesota Land Trust
Easement Holder Manager Name:	Wayne Ostlie
Easement Holder Address:	2356 University Ave W, Suite 240
Easement Holder City:	St. Paul
Easement Holder State:	MN
Easement Holder Zip:	55114
Easement Holder Email:	wostlie@mnland.org
Easement Holder Phone:	6518943870
Responsible Organization Name:	Minnesota Land Trust
Responsible Manager Name:	Wayne Ostlie
Responsible Address:	2356 University Ave W, Suite 240
Responsible City:	St. Paul
Responsible State:	MN
Responsible Zip:	55114
Responsible Email:	wostlie@mnland.org
Responsible Phone:	651-917-6292
Underlying Fee Owner:	Deer Lodge, LLC

Completed Parcel: Washburn Lake (Gouze)

# of Total Acres:	236
County:	Cass
Township:	139
Range:	26
Direction:	2
Section:	05
# of Acres: Wetlands/Upland:	94
# of Acres: Forest:	136
# of Acres: Prairie/Grassland:	0
Amount of Shoreline:	16007 (Linear Feet)
Name of Adjacent Body of Water (if applicable):	Washburn Lake, George Lake, ponds, Dagget Brook
Has there been signage erected at the site:	No - Signage was given to landowner at closing. We will verify if it has been erected during annual monitoring visit.
Annual Reporting Organization Name:	Minnesota Land Trust
Annual Reporting Manager Name:	Wayne Ostlie
Annual Reporting Address:	2356 University Ave W, Suite 240
Annual Reporting City:	St. Paul
Annual Reporting State:	MN
Annual Reporting Zip:	55114
Annual Reporting Email:	wostlie@mnland.org
Annual Reporting Phone:	651-647-9590
Purchase Date:	June 26, 2017
Purchase Price:	\$0
Appraised Value:	\$288,000
Professional Service Costs:	\$15,172
Assessed Value:	\$751,700
Total Project Cost:	\$288,000
Donations:	\$288,000
Easement Holder Organization Name:	Minnesota Land Trust
Easement Holder Manager Name:	Wayne Ostlie
Easement Holder Address:	2356 University Ave W, Suite 240
Easement Holder City:	St. Paul
Easement Holder State:	MN
Easement Holder Zip:	55114
Easement Holder Email:	wostlie@mnland.org
Easement Holder Phone:	651-647-9590
Responsible Organization Name:	Minnesota Land Trust
Responsible Manager Name:	Wayne Ostlie
Responsible Address:	2356 University Ave W, Suite 240
Responsible City:	St. Paul
Responsible State:	MN
Responsible Zip:	55114
Responsible Email:	wostlie@mnland.org
Responsible Phone:	651-647-9590
Underlying Fee Owner:	Stephen & Candace Gouze

Completed Parcel: Whitefish Lake (Haddorff)

# of Total Acres:	215
County:	Crow Wing
Township:	043
Range:	28
Direction:	2
Section:	13
# of Acres: Wetlands/Upland:	91
# of Acres: Forest:	105
# of Acres: Prairie/Grassland:	0
Amount of Shoreline:	13343 (Linear Feet)
Name of Adjacent Body of Water (if applicable):	Whitefish Lake, Kutil Lake
Has there been signage erected at the site:	No - Signage was given to the landowner at closing. We will verify if it has been erected during our annual monitoring visit.
Annual Reporting Organization Name:	Minnesota Land Trust
Annual Reporting Manager Name:	Wayne Ostlie
Annual Reporting Address:	2356 University Ave W, Suite 240
Annual Reporting City:	St. Paul
Annual Reporting State:	MN
Annual Reporting Zip:	55114
Annual Reporting Email:	wostlie@mnland.org
Annual Reporting Phone:	651-647-9590
Purchase Date:	November 10, 2016
Purchase Price:	\$0
Appraised Value:	\$563,000
Professional Service Costs:	\$2,238
Assessed Value:	\$430,500
Total Project Cost:	\$563,000
Donations:	\$563,000
Easement Holder Organization Name:	Minnesota Land Trust
Easement Holder Manager Name:	Wayne Ostlie
Easement Holder Address:	2356 University Ave W, Suite 240
Easement Holder City:	St. Paul
Easement Holder State:	MN
Easement Holder Zip:	55114
Easement Holder Email:	wostlie@mnland.org
Easement Holder Phone:	651-647-9590
Responsible Organization Name:	Minnesota Land Trust
Responsible Manager Name:	Wayne Ostlie
Responsible Address:	2356 University Ave W, Suite 240
Responsible City:	St. Paul
Responsible State:	MN
Responsible Zip:	55114
Responsible Email:	wostlie@mnland.org
Responsible Phone:	651-647-9590
Underlying Fee Owner:	Robert F. and Virginia A. Haddorff

Parcel Map

Fisheries Habitat Protection on Strategic North Central Minnesota Lakes

