

# Lessard-Sams Outdoor Heritage Council

## Laws of Minnesota 2017 Accomplishment Plan



**Date:** October 21, 2016

**Program or Project Title:** Fisheries Habitat Protection on Strategic North Central Minnesota Lakes - Phase III

**Funds Recommended:** \$ 1,716,000

**Manager's Name:** Lindsey Ketchel

**Title:** Executive Director

**Organization:** Leech Lake Area Watershed Foundation

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**Legislative Citation:** ML 2017, Ch. X, Art. X, Sec. X

**Appropriation Language:**

**County Locations:** Aitkin, Cass, Crow Wing, and Hubbard.

**Regions in which work will take place:**

- Northern Forest

**Activity types:**

- Protect in Easement

**Priority resources addressed by activity:**

- Habitat

### Abstract:

The Leech Lake Area Watershed Foundation in partnership with the Minnesota Land Trust will protect high priority critical fish habitat and the surrounding watersheds on 38 tullibee "refuge" lakes by securing conservation easements. We will permanently protect approximately 400 acres. If a lake's watershed has less than 25% land disturbance the lake has a high probability to maintain clean water and healthy lake ecosystem. State of Minnesota reports indicate this region could see 64% population growth by 2030. Protecting key parcels will help sustain both recreational and sport fisheries in North Central Minnesota.

### Design and scope of work:

Sustaining a strong angling heritage revolves largely around protecting fisheries habitat. Resurging shoreland development pressures and looming climate changes are a direct threat to our lakes ecology. This project will focus on fisheries habitat protection on lakes that have the best biological integrity for a sustained sport fishery. Our protection efforts are focused on Tullibee (aka cisco) a preferred forage fish of walleye, northern pike, muskellunge and lake trout. They require cold, well oxygenated waters, a condition most common in lakes with deep water and healthy watersheds. Minnesota DNR Fisheries researchers studied tullibee lakes and designated 68 lakes in Minnesota as the primary "refuge lakes" for tullibee that need protection. We are targeting thirty-eight (38) of these lakes located in Hubbard, Crow-Wing, Cass and Aitkin counties. Many are Minnesota's premier recreational lakes.

Fisheries research has shown that healthy watersheds with intact forest are fundamental to good fish habitat. Conservation Easements will move 1 Tullibee refuge lakes to protected class and 2 lakes close to the protection threshold. We analyzed our targeted lakes and prioritized landowner parcels based on program criteria which include sensitive shoreland, type of wetlands, and proximity to an inlet

or outlet. Due to the level of interest in the program, we are applying for a Phase III of this effort. To ensure the best conservation return on the state's investment, landowner willingness to donate a portion of the easement value will be a key component of the parcels evaluation. The conservation easement partners will include County Soil & Water Districts, MNDNR Fisheries, Minnesota Land Trust and LLAWF. LLAWF is going through Land Trust Alliance accreditation, which could result in expansion of our current role as grant administrator, landowner outreach and technical support to include holding conservation easements. LLAWF & MLT will work to ensure appropriate staffing levels to execute the grant.

Per the MNDNR Fish Habitat Plan 2013, the quality of nearshore fish habitat in lakes is determined largely by shoreland disturbance, impacting water quality, oxygen levels, and nutrient content. Lakeshore development decreases a lake's ability to function as a healthy ecosystem.

### **How does the request address MN habitats that have: historical value to fish and wildlife, wildlife species of greatest conservation need, MN County Biological Survey data, and/or rare, threatened and endangered species inventories:**

Tullibee (aka cisco) is the preferred forage fish for walleye, northern pike, muskellunge and lake trout. They require cold, well oxygenated waters - a condition most common in lakes with deep water and healthy watersheds. Tullibee populations are the "canary in the coalmine" for three significant threats to Minnesota's sport fisheries: shoreland development, watershed health and climate warming. Deep, cold water lakes with 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.

Minnesota DNR Fisheries research studied tullibee lakes and designated 68 lakes in Minnesota as primary "refuge lakes" for tullibee that need protection. Thirty eight (38) of these lakes representing 58% of the designated "refuge" lakes are located in Crow Wing, Aitkin, Cass and Hubbard counties. These lakes are premier recreational and sport fishery lakes. Fisheries research has shown that healthy watersheds with intact forest are fundamental to good fish habitat. MN DNR Fisheries Habitat Plan, states near shore fish habitat affected by shoreland disturbance can impact fisheries. Maintaining good water quality is critical to sustaining tullibees as determined by the waters oxygen level and nutrient content. Lakeshore development decreases a lakes ability to function as a healthy ecosystem for sport fish and their forage, due to increased runoff, but also through physical alternation by lakeshore owners.

### **Describe the science based planning and evaluation model used:**

Timothy Cross and Peter Jacobson "Landscape factors influencing lake phosphorus concentrations across Minnesota" white paper determined coldwater fish communities are especially vulnerable to eutrophication from increased phosphorus concentrations. Decreases in hypolimnetic oxygen concentrations have direct negative effects on fish that physiologically require oxygenated cold water to survive, grow and reproduce. Protection is viewed as the most cost effective strategy when applied to watersheds where human activities have not already significantly elevated phosphorus levels.

Peter Jacobson and Mike Duval, "Protecting Watershed of Minnesota Lakes with Private Forest Conservation Easements: A Suggested Strategy", stated that protecting the forests in these watersheds from development is critical for maintaining water quality in these lakes. While large areas of land in forested portions are under public ownership, a considerable amount is also owned by private individuals in some of our most critical lake watersheds. These parcels are increasingly being "split up" and sold. Working forest easements allow sustainable timber harvest, but protect the land from further development. Modeling by MN DNR Fisheries research unit suggests that total phosphorus concentrations remain near natural background levels when less than 25% of the lakes watershed is disturbed. The tullibee "refuge" lakes have watersheds with less than 25% disturbed land uses and are good candidates for protection. The report referenced high priority lakes could include very deep lakes with exceptional water quality and support coldwater fish populations like tullibee.

Minnesota DNR Fisheries researchers studied tullibee lakes and designated 68 lakes in Minnesota as the primary "refuge lakes" for tullibee. We focused our protection efforts of the highest quality tullibee lakes that will require modest to moderate levels of land protection to achieve 75% protection levels. Protecting the habitats of tullibee "refuge" lakes along the shoreline and surrounding forest lands is essential to a sustained sport fishery.

### **Which sections of the Minnesota Statewide Conservation and Preservation Plan are applicable to this program:**

- H1 Protect priority land habitats
- H2 Protect critical shoreland of streams and lakes

### **Which other plans are addressed in this program:**

- Long Range Plan for Fisheries Management
- Long Range Plan for Muskellunge and Large Northern Pike Management Through 2020

**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

**Relationship to other funds:**

- Environmental and Natural Resource Trust Fund
- Contract with Cass County partnership with MPCA to draft Leech Lake River WRAP

**Describe the relationship of the funds:**

In 2010 LLAWF helped implement an LCCMR grant titled “Protecting Sensitive Shorelands in Cass County”. The project was focused on identifying landowners along sensitive Shoreland and recruiting landowners to donate conservation easements. This grant developed effective tools to conduct targeted landowner outreach using lake maps and lake association contacts.

In 2015 we were awarded a second LCCMR grant titled “Multi-benefit Watershed Scale Conservation on North Central Lakes”. This pilot will evaluate the effectiveness of RIM conservation easements in a watershed protection context. Landowner interest in this project will help gauge whether BWSR should consider developing a statewide program aimed at shoreland and watershed protection. This program will help BWSR and its partners understand whether landowners are willing to accept less than the standard RIM rates set by the BWSR Board. All landowner outreach related to this pilot will complement and support our current and proposed Phase III OHF grant.

LLAWF has been contracted by Cass County to help implement a MPCA Clean Water Fund grant for the Leech Lake Watershed Restoration and Protection Project (WRAP). When completed in 2016, this WRAP will be one of the first protection-oriented WRAPS in the state. The WRAP identified lakes and streams that are decreasing in water quality, demonstrate high sustainability to increases in phosphorus and engaged the residents on protective efforts to keep our water healthy.

**How does this program include leverage in funds or other effort to supplement any OHF appropriation:**

Our LCCMR grant “Multi-benefit Watershed Scale Conservation on North Central Lakes” is a pilot program to evaluate the effectiveness of RIM Conservation Easements in a watershed protection context. RIM easements are formula based on bare land while our proposal easements are based on appraisal that includes entire parcels.

Lakes selected in the pilot overlap with our targeted lakes. These easements should result in an increase of protected lands on our targeted lakes and help move these lakes to a 75% protection level. Additionally landowner outreach overlaps with the tullibee "refuge" lakes. This allows us to increase the level of landowner engagement including developing targeted lake maps, mailings, workshops and lake association presentations. Through our landowner outreach efforts we have helped a number of landowners enroll in other conservation easement projects funded by OHF in North Central region this year.

Landowner donation of conservation values has resulted in considerable leverage of match and allowed us to maximize LSOHC funds.

In 2014 LLAWF and Roosevelt Lake Association conducted a community fundraiser for our Woods Bay fee title acquisition. We will continue this model of fundraising support with Ponto and Leech lakes.

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

Appropriation Year	Source	Amount
ML 2015	ENRTF	30,000
ML 2010	ENRTF	76,200

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

LLAWF and MLT are long standing conservation organizations that do not depend on Outdoor Heritage Funds to sustain or maintain our work. The majority of financial support for both LLAWF and MLT must be raised on an annual basis. The work in this proposal allows both organizations to enhance and accelerate ongoing conservation efforts in North Central Minnesota; these grant funds will not substitute for or supplant other funding sources.

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

Year	Source of Funds	Step 1	Step 2	Step 3
2017 and beyond	Outdoor Heritage Fund and LLAWF/MLT funds	secure easements and associated documents, include habitat management plans where appropriate	establish individual monitoring plans, annually monitor easements	Enforce easements through stewardship program as necessary

### Activity Details:

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

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

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

Is the land you plan to acquire free of any other permanent protection - **No**

Not Listed

Who will manage the easement?

Minnesota Land Trust

Who will be the easement holder?

Minnesota Land Trust

Are there currently trails or roads on any of the acquisitions on the parcel list - **Yes**

Describe the types of trails or roads and the allowable uses:

Landowners with conservation easements on their property often have trails, roads and paths on them. Under the conservation easement the owners typically are allowed to use motorized vehicles if use does not impact the conservation values of the property.

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

How will maintenance and monitoring be accomplished:

Trails are identified in the baseline documentation report written for each easement, and subsequently monitored annually to ensure no negative impacts to the conservation values occurs. Minnesota Land Trust will ensure that if a violation does occur, appropriate enforcement action is taken and the conservation values are restored.

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

### Accomplishment Timeline:

Activity	Approximate Date Completed
Manage, monitor and enforce conservation easements	ongoing in perpetuity
Landowner outreach, consultation, technical assistance and easement preparation	ongoing through June 2019
Protect 1300 acres on targeted riparian parcels and forested watershed parcels	June 30, 2019

Date of Final Report Submission: 10/30/2020

### Federal Funding:

Do you anticipate federal funds as a match for this program - **No**

## **Outcomes:**

### **Programs in the northern forest region:**

- Healthy populations of endangered, threatened, and special concern species as well as more common species *Private shoreline habitat and forested parcels totaling approximately 400 acres will be permanently protected from development and fragmentation. Riparian forest lands under easement will maintain healthy habitat complexes for upland and aquatic species; forest cover will enhance water quality habitat for tullibee lakes. Conservation easement properties will protect fish habitat to insure high quality fishing opportunities.*

# Budget Spreadsheet

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

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

We simplified the project by dropping the Fee Title acquisition and reduce the size and scope of Conservation Easements efforts including acreage and number of conservation Easement projects. We increased Leech Lake Area Watershed Foundation staffing to cultivate more donated conservation projects.

**Total Amount of Request: \$ 1716000**

### Budget and Cash Leverage

Budget Name	LSOHC Request	Anticipated Leverage	Leverage Source	Total
Personnel	\$150,000	\$0		\$150,000
Contracts	\$56,000	\$0		\$56,000
Fee Acquisition w/ PILT	\$0	\$0		\$0
Fee Acquisition w/o PILT	\$0	\$0		\$0
Easement Acquisition	\$1,232,000	\$300,000	Landowner Donations	\$1,532,000
Easement Stewardship	\$120,000	\$0		\$120,000
Travel	\$10,000	\$0		\$10,000
Professional Services	\$110,000	\$0		\$110,000
Direct Support Services	\$37,000	\$23,000	Minnesota Land Trust	\$60,000
DNR Land Acquisition Costs	\$0	\$0		\$0
Capital Equipment	\$0	\$0		\$0
Other Equipment/Tools	\$0	\$0		\$0
Supplies/Materials	\$1,000	\$0		\$1,000
DNR IDP	\$0	\$0		\$0
<b>Total</b>	<b>\$1,716,000</b>	<b>\$323,000</b>		<b>\$2,039,000</b>

### Personnel

Position	FTE	Over # of years	LSOHC Request	Anticipated Leverage	Leverage Source	Total
MLT Legal and Conservation Personnel	0.33	3.00	\$90,000	\$0		\$90,000
LLAWF Conservation	0.20	3.00	\$40,000	\$0		\$40,000
LLAWF Admin and Project Oversight	0.05	3.00	\$20,000	\$0		\$20,000
<b>Total</b>	<b>0.58</b>	<b>9.00</b>	<b>\$150,000</b>	<b>\$0</b>		<b>\$150,000</b>

### Budget and Cash Leverage by Partnership

Budget Name	Partnership	LSOHC Request	Anticipated Leverage	Leverage Source	Total
Personnel	Minnesota Land Trust	\$90,000	\$0		\$90,000
Contracts	Minnesota Land Trust	\$36,000	\$0		\$36,000
Fee Acquisition w/ PILT	Minnesota Land Trust	\$0	\$0		\$0
Fee Acquisition w/o PILT	Minnesota Land Trust	\$0	\$0		\$0
Easement Acquisition	Minnesota Land Trust	\$1,232,000	\$300,000	Landowner Donations	\$1,532,000
Easement Stewardship	Minnesota Land Trust	\$120,000	\$0		\$120,000
Travel	Minnesota Land Trust	\$6,000	\$0		\$6,000
Professional Services	Minnesota Land Trust	\$96,000	\$0		\$96,000
Direct Support Services	Minnesota Land Trust	\$23,000	\$23,000	Minnesota Land Trust	\$46,000
DNR Land Acquisition Costs	Minnesota Land Trust	\$0	\$0		\$0
Capital Equipment	Minnesota Land Trust	\$0	\$0		\$0
Other Equipment/Tools	Minnesota Land Trust	\$0	\$0		\$0
Supplies/Materials	Minnesota Land Trust	\$0	\$0		\$0
DNR IDP	Minnesota Land Trust	\$0	\$0		\$0
<b>Total</b>		<b>\$1,603,000</b>	<b>\$323,000</b>		<b>\$1,926,000</b>

**Personnel - Minnesota Land Trust**

Position	FTE	Over # of years	LSOHC Request	Anticipated Leverage	Leverage Source	Total
MLT Legal and Conservation Personnel	0.33	3.00	\$90,000	\$0		\$90,000
Total	0.33	3.00	\$90,000	\$0		\$90,000

Budget Name	Partnership	LSOHC Request	Anticipated Leverage	Leverage Source	Total
Personnel	Leech Lake Area Watershed Foundation	\$60,000	\$0		\$60,000
Contracts	Leech Lake Area Watershed Foundation	\$20,000	\$0		\$20,000
Fee Acquisition w/ PILT	Leech Lake Area Watershed Foundation	\$0	\$0		\$0
Fee Acquisition w/o PILT	Leech Lake Area Watershed Foundation	\$0	\$0		\$0
Easement Acquisition	Leech Lake Area Watershed Foundation	\$0	\$0		\$0
Easement Stewardship	Leech Lake Area Watershed Foundation	\$0	\$0		\$0
Travel	Leech Lake Area Watershed Foundation	\$4,000	\$0		\$4,000
Professional Services	Leech Lake Area Watershed Foundation	\$14,000	\$0		\$14,000
Direct Support Services	Leech Lake Area Watershed Foundation	\$14,000	\$0		\$14,000
DNR Land Acquisition Costs	Leech Lake Area Watershed Foundation	\$0	\$0		\$0
Capital Equipment	Leech Lake Area Watershed Foundation	\$0	\$0		\$0
Other Equipment/Tools	Leech Lake Area Watershed Foundation	\$0	\$0		\$0
Supplies/Materials	Leech Lake Area Watershed Foundation	\$1,000	\$0		\$1,000
DNR IDP	Leech Lake Area Watershed Foundation	\$0	\$0		\$0
Total		\$113,000	\$0		\$113,000

**Personnel - Leech Lake Area Watershed Foundation**

Position	FTE	Over # of years	LSOHC Request	Anticipated Leverage	Leverage Source	Total
LLAWF Conservation	0.20	3.00	\$40,000	\$0		\$40,000
LLAWF Admin and Project Oversight	0.05	3.00	\$20,000	\$0		\$20,000
Total	0.25	6.00	\$60,000	\$0		\$60,000

Amount of Request: \$1,716,000

Amount of Leverage: \$323,000

Leverage as a percent of the Request: 18.82%

DSS + Personnel: \$187,000

As a % of the total request: 10.90%

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

Like all conservation entities, the Minnesota Land Trust & Leech Lake Area Watershed Foundation have direct support expenses which are essential to complete a conservation project, which include such costs as administrative support staff, office space, printing and office supplies. This proposal accounts for these critical expenses which are consistent with the Land Trust's current application for a federal indirect expense rate. However, we included only 50% of these direct support costs in this proposal, with the other 50% coming as leverage and paid for through the Minnesota Land Trust's fundraising. LLAWF calculated using similar methodology and will be matching our indirect through fundraising.

**Does the amount in the contract line include R/E work?**

No

**Describe and explain leverage source and confirmation of funds:**

Minnesota Land Trust and Leech Lake Area Watershed Foundation encourage landowners to donate conservation easement value. Specifically, sources of leverage in this budget includes donated conservation easement value (\$300,000) and Direct Support (MLT \$23,000).

## Output Tables

**Table 1a. Acres by Resource Type**

Type	Wetlands	Prairies	Forest	Habitats	Total
Restore	0	0	0	0	0
Protect in Fee with State PILT Liability	0	0	0	0	0
Protect in Fee W/O State PILT Liability	0	0	0	0	0
Protect in Easement	0	0	0	400	400
Enhance	0	0	0	0	0
Total	0	0	0	400	400

**Table 2. Total Funding by Resource Type**

Type	Wetlands	Prairies	Forest	Habitats	Total
Restore	\$0	\$0	\$0	\$0	\$0
Protect in Fee with State PILT Liability	\$0	\$0	\$0	\$0	\$0
Protect in Fee W/O State PILT Liability	\$0	\$0	\$0	\$0	\$0
Protect in Easement	\$0	\$0	\$0	\$1,716,000	\$1,716,000
Enhance	\$0	\$0	\$0	\$0	\$0
Total	\$0	\$0	\$0	\$1,716,000	\$1,716,000

**Table 3. Acres within each Ecological Section**

Type	Metro Urban	ForestPrairie	SE Forest	Prairie	N Forest	Total
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	400	400
Enhance	0	0	0	0	0	0
Total	0	0	0	0	400	400

**Table 4. Total Funding within each Ecological Section**

Type	Metro Urban	ForestPrairie	SE Forest	Prairie	N Forest	Total
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	\$1,716,000	\$1,716,000
Enhance	\$0	\$0	\$0	\$0	\$0	\$0
Total	\$0	\$0	\$0	\$0	\$1,716,000	\$1,716,000

**Table 5. Average Cost per Acre by Resource Type**

Type	Wetlands	Prairies	Forest	Habitats
Restore	\$0	\$0	\$0	\$0
Protect in Fee with State PILT Liability	\$0	\$0	\$0	\$0
Protect in Fee W/O State PILT Liability	\$0	\$0	\$0	\$0
Protect in Easement	\$0	\$0	\$0	\$4290
Enhance	\$0	\$0	\$0	\$0

**Table 6. Average Cost per Acre by Ecological Section**

Type	Metro/Urban	Forest/Prairie	SE Forest	Prairie	Northern Forest
Restore	\$0	\$0	\$0	\$0	\$0
Protect in Fee with State PILT Liability	\$0	\$0	\$0	\$0	\$0
Protect in Fee W/O State PILT Liability	\$0	\$0	\$0	\$0	\$0
Protect in Easement	\$0	\$0	\$0	\$0	\$4290
Enhance	\$0	\$0	\$0	\$0	\$0

**Target Lake/Stream/River Feet or Miles**

.75 Miles

## Parcel List

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.

### Section 1 - Restore / Enhance Parcel List

No parcels with an activity type restore or enhance.

### Section 2 - Protect Parcel List

#### Aitkin

Name	TRDS	Acres	Est Cost	Existing Protection?	Hunting?	Fishing?
Cedar Lake	04727231	0	\$0	no	no	No
Cedar Lake	04727231	0	\$0	No	No	No
Hill Lake	05226212	0	\$0	no	no	no
Long Lake	04625210	0	\$0	no	no	no
Round Lake	04923225	0	\$0	no	no	No

#### Cass

Name	TRDS	Acres	Est Cost	Existing Protection?	Hunting?	Fishing?
Bass Lake	14026227	0	\$0	no	no	No
Cooper	14028211	0	\$0	No	No	No
Deep Portage	13929207	0	\$0	no	no	No
Girl Lake	14128233	0	\$0	no	no	No
Hattie Lake	13929231	0	\$0	no	no	No
Little Boy Lake	14028210	1,200	\$3,500,000	no	no	No
Long Lake	14128223	0	\$0	no	no	No
Long Lake	14231233	0	\$0	no	no	No
Mann Lake	14029204	0	\$0	no	no	No
Pleasant Lake	14030221	0	\$0	no	no	No
Thunder Lake	14026209	0	\$0	no	no	No
Washburn Lake	13926209	0	\$0	no	no	No
Women Lake	14028206	0	\$0	no	no	No

#### Crow Wing

Name	TRDS	Acres	Est Cost	Existing Protection?	Hunting?	Fishing?
Big Trout	13728223	0	\$0	no	no	No
Borden Lake	04428215	0	\$0	no	no	No
Crooked Lake	04528216	0	\$0	no	no	No
Kenny Lake	04428202	0	\$0	no	no	No
Lower Hay Lake	13729225	0	\$0	no	no	No
Ossawinamakee Lake	13628204	0	\$0	no	no	No
Pelican Lake	13628227	0	\$0	no	no	No
Roosevelt Lake	13826208	0	\$0	no	no	No
Star Lake	13728225	441	\$1,000,000	no	no	No
Whitefish Lake	13728207	0	\$0	no	no	No

#### Hubbard

Name	TRDS	Acres	Est Cost	Existing Protection?	Hunting?	Fishing?
Big Mantrap Lake	14233232	0	\$0	no	no	No
Big Sand Lake	14138228	0	\$0	no	no	No
Eleventh Crow Wing Lake	14132215	0	\$0	no	no	No
Kabekona Lake	14332230	0	\$0	no	no	No
Ninth Crow Wing Lake	14032206	0	\$0	no	no	No
Spearhead Lake	15434223	0	\$0	no	no	No

### Section 2a - Protect Parcel with Bldgs

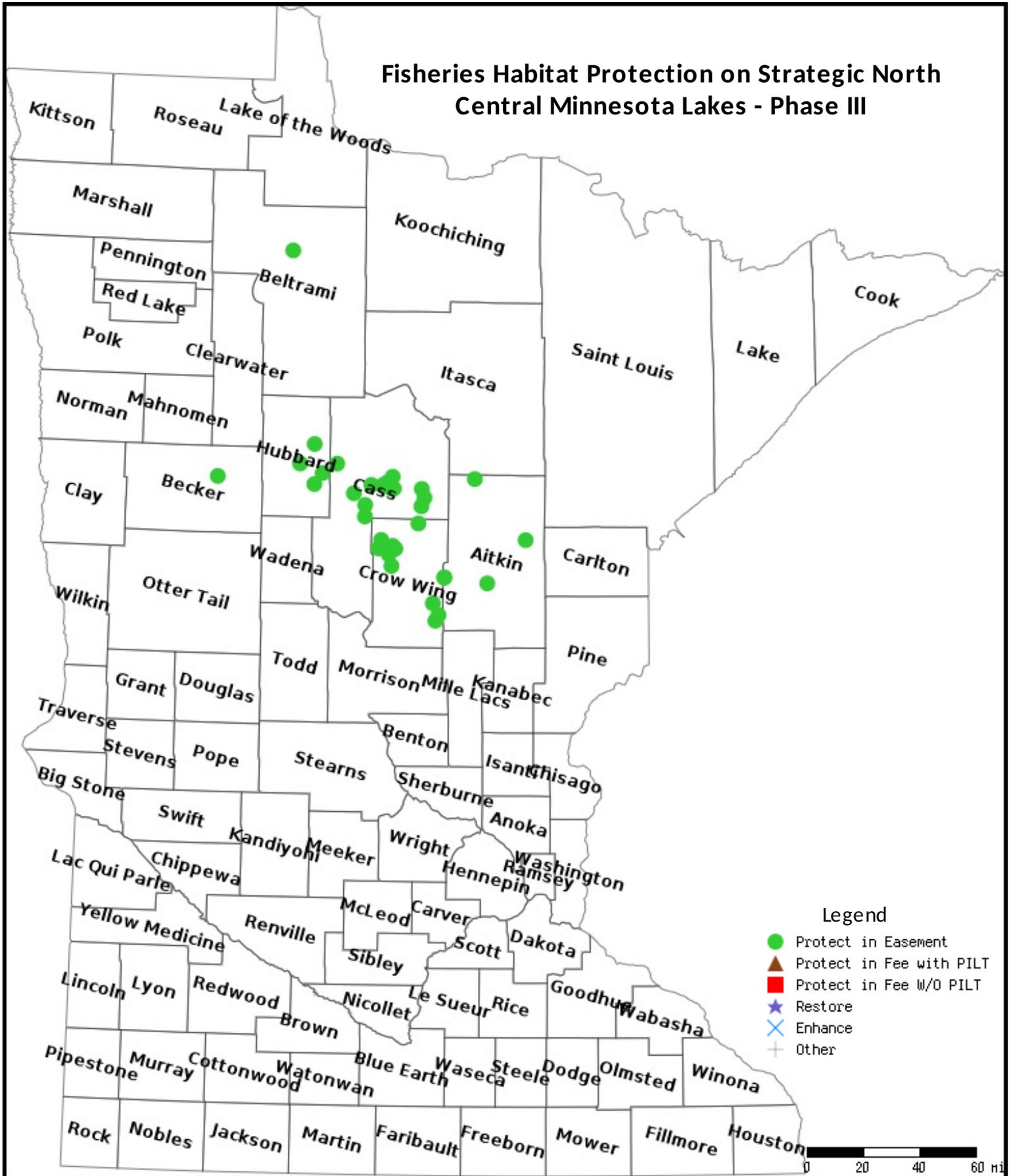
No parcels with an activity type protect and has buildings.

### **Section 3 - Other Parcel Activity**

No parcels with an other activity type.

# Parcel Map

## Fisheries Habitat Protection on Strategic North Central Minnesota Lakes - Phase III



Data Generated From Parcel List

# Lessard-Sams Outdoor Heritage Council Comparison Report

**Program Title:** 2017 - Fisheries Habitat Protection on Strategic North Central Minnesota Lakes - Phase III

**Organization:** Leech Lake Area Watershed Foundation

**Manager:** Lindsey Ketchel

## Budget

Requested Amount: \$6,445,000

Appropriated Amount: \$1,716,000

Percentage: 26.63%

Budget Item	Total Requested		Total Appropriated		Percentage of Request	
	LSOHC Request	Anticipated Leverage	Appropriated Amount	Anticipated Leverage	Percentage of Request	Percentage of Leverage
Personnel	\$241,000	\$0	\$150,000	\$0	62.24%	-
Contracts	\$124,000	\$0	\$56,000	\$0	45.16%	-
Fee Acquisition w/ PILT	\$0	\$0	\$0	\$0	-	-
Fee Acquisition w/o PILT	\$860,000	\$130,000	\$0	\$0	0.00%	0.00%
Easement Acquisition	\$4,750,000	\$950,000	\$1,232,000	\$300,000	25.94%	31.58%
Easement Stewardship	\$180,000	\$0	\$120,000	\$0	66.67%	-
Travel	\$15,000	\$0	\$10,000	\$0	66.67%	-
Professional Services	\$187,000	\$0	\$110,000	\$0	58.82%	-
Direct Support Services	\$78,000	\$55,000	\$37,000	\$23,000	47.44%	41.82%
DNR Land Acquisition Costs	\$5,000	\$0	\$0	\$0	0.00%	-
Capital Equipment	\$0	\$0	\$0	\$0	-	-
Other Equipment/Tools	\$0	\$0	\$0	\$0	-	-
Supplies/Materials	\$5,000	\$0	\$1,000	\$0	20.00%	-
DNR IDP	\$0	\$0	\$0	\$0	-	-
<b>Total</b>	<b>\$6,445,000</b>	<b>\$1,135,000</b>	<b>\$1,716,000</b>	<b>\$323,000</b>	<b>26.63%</b>	<b>28.46%</b>

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

We simplified the project by dropping the Fee Title acquisition and reduce the size and scope of Conservation Easements efforts including acreage and number of conservation Easement projects. We increased Leech Lake Area Watershed Foundation staffing to cultivate more donated conservation projects.

# Output

**Table 1a. Acres by Resource Type**

Type	Total Proposed	Total in AP	Percentage of Proposed
Restore	0	0	-
Protect in Fee with State PILT Liability	0	0	-
Protect in Fee W/O State PILT Liability	19	0	0.00%
Protect in Easement	1,300	400	30.77%
Enhance	0	0	-

**Table 2. Total Funding by Resource Type**

Type	Total Proposed	Total in AP	Percentage of Proposed
Restore	0	0	-
Protect in Fee with State PILT Liability	0	0	-
Protect in Fee W/O State PILT Liability	905,000	0	0.00%
Protect in Easement	5,540,000	1,716,000	30.97%
Enhance	0	0	-

**Table 3. Acres within each Ecological Section**

Type	Total Proposed	Total in AP	Percentage of Proposed
Restore	0	0	-
Protect in Fee with State PILT Liability	0	0	-
Protect in Fee W/O State PILT Liability	19	0	0.00%
Protect in Easement	1,300	400	30.77%
Enhance	0	0	-

**Table 4. Total Funding within each Ecological Section**

Type	Total Proposed	Total in AP	Percentage of Proposed
Restore	0	0	-
Protect in Fee with State PILT Liability	0	0	-
Protect in Fee W/O State PILT Liability	905,000	0	0.00%
Protect in Easement	5,540,000	1,716,000	30.97%
Enhance	0	0	-