

## Lessard-Sams Outdoor Heritage Council Laws of Minnesota 2013 Final Report



**Date:** October 31, 2018

**Program or Project Title:** DNR Aquatic Habitat - Phase V

**Funds Recommended:** \$5,250,000

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**Legislative Citation:** ML 2013, Ch. 137, Art. 1, Sec. 2, Subd. 5(a)

**Appropriation Language:** \$5,250,000 in the first year is to the commissioner of natural resources to acquire interests in land in fee for aquatic management purposes under Minnesota Statutes, sections 86A.05, subdivision 14, and 97C.02, and to restore and enhance aquatic habitat. A list of proposed land acquisitions and restorations and enhancements must be provided as part of the required accomplishment plan.

**County Locations:** Becker, Beltrami, Blue Earth, Carlton, Cass, Chippewa, Clay, Crow Wing, Dakota, Douglas, Fairbault, Fillmore, Goodhue, Itasca, Kanabec, Kandiyohi, LeSueur, Le Sueur, Meeker, Morrison, Olmsted, Pine, Pope, Redwood, Rice, St. Louis, Todd, Wabasha, and Winona.

### **Eco regions in which work was completed:**

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

### **Activity types:**

- Restore
- Enhance
- Protect in Fee

### **Priority resources addressed by activity:**

- Habitat

## **Summary of Accomplishments:**

DNR completed nine stream habitat projects with this appropriation. Four fish passage projects opened up access to 180 miles of river and 13,521 acres of lake and wetland habitat. We enhanced habitat on 39 Aquatic Management Areas, totalling 1440 acres, through the efforts of four positions funded by this appropriation. It also funded two stream habitat positions that oversaw the completion of 23 DNR projects and over 50 partner-lead projects funded by various OHF sources.

## **Process & Methods:**

Stream projects were chosen based on the DNR's Stream Habitat Priority List, where projects are ranked based on a number of criteria surrounding support and outcomes. This appropriation funded nine stream projects, several of which involved external partners. Individual project details are listed below.

- Solid Bottom Creek: This project addressed a steep, eroding stream bank along 500 feet of a designated trout stream. The stream bank was a primary source of sedimentation within the stream, and likely contributed to a delta that is forming at the outlet of the stream in Elbow Lake. Construction was completed in the spring of 2016, relocating the stream away from the tall eroding bank, stabilizing the toe of that bank by installing toe-wood structures, and enhancing pool habitat for trout that are stocked into the stream.

- Whisky Creek: OHF funding from DNR was combined with a CPL grant to the City of Barnesville to fund the project. Bids for the work came in under projected costs, which allowed the City to also remove another dam within city limits on Whisky Creek that was underneath a railroad bridge. Work has been completed in 2015 on the modification of the dam at Blue Eagle Lake and the removal of the dam underneath the railroad bridge. This project restored fish passage to 31 miles of upstream habitat.

-Minnesota River at Granite Falls: Construction of a riffle in the Minnesota River at Granite Falls was completed in December 2017. The project modified the remnants of an old dam made of rock into a riffle, enhancing spawning habitat that will be used by numerous fish species including lake sturgeon, walleye, and sauger.

-Red Sand Lake outlet: The outlet structure on Red Sand Lake was modified to allow fish passage, with construction completed in June of 2018. The former drop structure within a culvert was replaced by a larger culvert with an arch-rapids upstream and downstream, and with natural substrate within the culvert. Fish passage between White Sand Lake, which lies downstream, Red Sand Lake, and wetlands in between will benefit Red Sand Lake, especially in the occasional year that it experiences a partial fish-kill due to low oxygen conditions.

-South Branch Root River: This project was funded by the ML2013 and ML2014 DNR Aquatic Habitat appropriation. A 450 foot reach of the river was experiencing severe erosion, with the streambank losing over 10 feet per year. A riffle was constructed at the upstream end of the reach to direct flow, and a bankfull bench was constructed along the eroding bank using toe wood to enhance stability and fish habitat. The bench was vegetated with a native seed mix and willow live stakes. Construction was completed in August of 2018, with ML2013 funds only used for work completed prior to July 1, 2018.

-Turtle River: DNR partnered with the US Forest Service, US Fish and Wildlife Service, and Beltrami County to replace an undersized culvert that blocked fish passage. The project opened up 13,000 acres of lake and wetland habitat and 30 miles of river that was formerly inaccessible to fish downstream of the project.

-Mississippi River at Weaver Bottoms: Former deepwater habitat in Goose Lake, a former floodplain lake on the Mississippi River had been filled with silt over several decades. This project dredged 9 acres back into deepwater habitat, and was completed in the fall of 2017. Dredge spoils from project excavation were stockpiled on land for drying and eventual spreading and revegetation on private land. The deepwater habitat is becoming rare on the river due to sedimentation, and is critical for over-wintering habitat for bluegill, crappies, and other fish species. This project was split between the ML2012 and ML2013 DNR Aquatic Habitat appropriations, and accomplished acres split proportional to the total cost contributed by each.

-Middle Fork Zumbro River/Lake Shady: This appropriation funded a portion (along with the DNR's ML2013 Aquatic Habitat) of the restoration of the Middle Fork of the Zumbro River through a former impoundment known as Lake Shady. The dam had washed out in a 2011 flood, leaving behind an eroding mud flat that threatened to harm downstream reaches as it eroded, and contained poor habitat in the channels that had cut through the mud. The former dam site's grade was stabilized by creating a rapids of stable rock material, and within the former reservoir new stream channels with appropriate dimensions were constructed. Habitat in the new channels was restored to include woody material as well as rocky riffles. Re-vegetation of the surrounding reservoir sediments with native plant species will provide quality riparian and upland habitat as well. The project was completed in partnership with Olmsted County (\$125,736), the city of Oronco (\$83,824) and DNR Dam Safety bonding funds (\$1,000,000) all contributing funding. An additional \$236,540 of in-kind staff time was contributed by Olmsted County. In addition to the 147 acres of habitat restored, the project opened up access to 119 miles of stream. Accomplished acres are split between the two OHF appropriations proportional to funds contributed.

-Middle Branch Whitewater River: Construction began on this project in September of 2016. At that time, the new channel and floodplain were shaped prior to the end of the construction season. However, this project has run into issues with design that have prevented its completion to date. An outside consultant has been hired by DNR to provide a final design, with a new construction period in the summer of 2019 to complete the project. DNR received approval for an amendment that added this project to our ML2015 Aquatic Habitat appropriation, which will be used to pay for the remaining design and construction of this project.

-Aquatic Management Area enhancement: Enhancement work on 39 different AMAs such as prescribed burns, riparian plantings, and invasive species control were done on 1440 acres of habitat. Locations were in all four LSOHC planning regions. This work was made possible by the four AMA habitat positions funded by this appropriation. AMA staff assessed habitat needs at 106 AMAs, and developed management guidance that identifies enhancement needs for those parcels. In addition to the 39 projects done using this appropriation, AMA staff were involved with 106 other Outdoor Heritage-funded AMA enhancement projects, and provided guidance for 23 similar projects being lead by external partners who were using OHF money.

-Stream Habitat Specialist positions: Two specialists were hired to coordinate statewide stream habitat work that was funded by OHF. These positions were responsible for both DNR projects, and assisting partner organizations with their projects. These positions upped the capacity for DNR to undertake multiple larger stream habitat projects, and to increase the quality of projects being done by partners. During the life of this appropriation, specialists participated in the design and construction oversight of 23 DNR stream projects, and provided assistance to over a dozen local partners on over 50 stream habitat projects funded by various OHF appropriations.

## Explain Partners, Supporters, & Opposition:

Partners on DNR stream projects included the city of Barnesville, US Forest Service, US Fish and Wildlife Service, Beltrami County, Olmsted County, and the city of Oronoco. For AMAs, six local sportspeople or similar organizations worked with us to enhance habitat. Our stream habitat specialists worked with organizations such as Trout Unlimited, Lake Superior Steelhead Association, Soil and Water Conservation Districts, counties, cities, lake associations, and watershed districts that received either Outdoor Heritage Fund grants from the full council, or Conservation Partners Legacy grants to complete stream habitat projects. For some projects, DNR contributed OHF money toward the project, in addition to providing technical assistance with project design and construction oversight. For other partner-lead projects, DNR only provided technical assistance.

## Additional Comments:

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

The partnerships between DNR and other organizations was successful in improving stream habitat work. Many organizations do not have full technical capacity to undertake these projects, but do have local connections, resources and knowledge that contributes to project success. These collaborations allowed DNR and the partners to bring their best skills to the table, and compliment one another well.

DNR ran into challenges with stream habitat design on the Whitewater project. Internal disagreements about design plans, as well as staff turnover, resulted in a slow process to complete the project. DNR is trying to address deficiencies in its engineering staff's training and experience with stream project design through new hires, and will look to hire external consultants when a project necessitates it. The programmatic nature of DNR's stream habitat requests from LSOHC allows us the flexibility to occasionally direct funding from a succeeding appropriation to complete a project.

## Other Funds Received:

- Not Listed

### How were the funds used to advanced the program:

Not Listed

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

Once construction is completed and vegetation is established, stream habitat projects generally do not require ongoing maintenance. DNR has multiple sources of funding that could be used for this purpose, should it arise. These include the Game and Fish Fund, Heritage Enhancement account, and Trout Stamp revenue. AMA enhancement of vegetation often has a limited duration of benefit. Prescribed burns or control of invasive plants may need to be done every 3-5 years to maintain their full benefit. DNR will continue to spend funds from internal sources, but may also make future requests to use OHF money to repeat these actions on the same parcel.

## Outcomes:

### *The original accomplishment plan stated the program would*

#### Programs in the northern forest region:

- 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

#### How will the outcomes be measured and evaluated?

Future fish surveys of Red Sand Lake, Whiskey Creek, and the Turtle River will detect any changes from increased fish passage. Surveys of AMAs will help us to see benefits to riparian habitat, as well as the status of rare species.

**Programs in forest-prairie transition region:**

- Improved aquatic habitat indicators
- Protected, restored, and enhanced aspen parklands and riparian areas

**How will the outcomes be measured and evaluated?**

We protected 15 acres of riparian habitat through acquisition as an AMA. Surveys of AMAs will help us to see benefits to riparian habitat.

**Programs in metropolitan urbanizing region:**

- Not Listed

**How will the outcomes be measured and evaluated?**

Surveys of AMAs will help us to see benefits to riparian habitat.

**Programs in southeast forest region:**

- Healthier populations of endangered, threatened, and special concern species as well as more common species
- High priority riparian lands, forestlands, and savannas are protected from parcelization and fragmentation
- Improved aquatic habitat indicators
- Rivers, streams, and surrounding vegetation provide corridors of habitat
- Stream to bluff habitat restoration and enhancement will keep water on the land to slow runoff and degradation of aquatic habitat

**How will the outcomes be measured and evaluated?**

Stream habitat projects on the Middle Fork Zumbro River, Whitewater River, and South Branch Root River will be monitored by routine fish and habitat surveys. Surveys of AMAs will help us to see benefits to riparian habitat.

**Programs in prairie region:**

- Improved condition of habitat on public lands

**How will the outcomes be measured and evaluated?**

Surveys of AMAs will help us to see benefits to riparian habitat.

# 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: \$5,250,000

## Budget and Cash Leverage

BudgetName	Request	Spent	Cash Leverage (anticipated)	Cash Leverage (received)	Leverage Source	Total (original)	Total (final)
Personnel	\$1,221,000	\$1,246,300	\$0	\$0		\$1,221,000	\$1,246,300
Contracts	\$2,762,000	\$2,586,500	\$0	\$2,502,900	CPL (city of Barnesville), US Fish and Wildlife Service, US Forest Service, City of Oronoco, Olmsted County, DNR Dam Safety bonding money	\$2,762,000	\$5,089,400
Fee Acquisition w/ PILT	\$685,000	\$685,000	\$0	\$0		\$685,000	\$685,000
Fee Acquisition w/o PILT	\$0	\$0	\$0	\$0		\$0	\$0
Easement Acquisition	\$0	\$0	\$0	\$0		\$0	\$0
Easement Stewardship	\$0	\$0	\$0	\$0		\$0	\$0
Travel	\$41,000	\$103,000	\$0	\$0		\$41,000	\$103,000
Professional Services	\$75,000	\$277,900	\$0	\$0		\$75,000	\$277,900
Direct Support Services	\$188,000	\$192,600	\$0	\$0		\$188,000	\$192,600
DNR Land Acquisition Costs	\$0	\$0	\$0	\$0		\$0	\$0
Capital Equipment	\$0	\$0	\$0	\$0		\$0	\$0
Other Equipment/Tools	\$73,000	\$2,300	\$0	\$0		\$73,000	\$2,300
Supplies/Materials	\$205,000	\$156,200	\$0	\$0		\$205,000	\$156,200
DNR IDP	\$0	\$0	\$0	\$0		\$0	\$0
<b>Total</b>	<b>\$5,250,000</b>	<b>\$5,249,800</b>	<b>\$0</b>	<b>\$2,502,900</b>		<b>\$5,250,000</b>	<b>\$7,752,700</b>

## Personnel

Position	FTE	Over # of years	Spent	Cash Leverage	Leverage Source	Total
Land management crew leader	2.00	3.00	\$485,600	\$0		\$485,600
Seasonal Technician - Lands crew	1.00	3.00	\$203,200	\$0		\$203,200
Seasonal Interns - Lands Crew	2.00	3.00	\$28,400	\$0		\$28,400
LSOHC Stream Project Manager	2.00	3.00	\$450,700	\$0		\$450,700
Shoreland Restoration Specialist	0.50	2.00	\$76,800	\$0		\$76,800
Misc. positions, coding time for minor project support	0.00	0.00	\$1,600	\$0		\$1,600
<b>Total</b>	<b>7.50</b>	<b>14.00</b>	<b>\$1,246,300</b>	<b>\$0</b>		<b>\$1,246,300</b>

## Explain any budget challenges or successes:

Original budget for stream habitat projects under-estimated the amount of professional services costs relative to contracts. Two projects, Red Sand Lake and South Branch Root River, were envisioned as not needing professional services because the design was thought to be straightforward. Unforeseen complications required full design services. Spending on AMA enhancement positions differed in the relative amounts between positions due to turnover at the technician positions. The turnover of staff resulted in less spending on those positions. We chose to use those funds to lengthen support for AMA specialists.

## 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	5	82	5	82
Protect in Fee with State PILT Liability	0	0	0	0	0	0	77	25	77	25
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	0	0	0	0
Enhance	0	0	0	0	0	0	13,943	1,742	13,943	1,742
Total	0	0	0	0	0	0	14,025	1,849	14,025	1,849

**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	\$1,700,000	\$1,764,800	\$1,700,000	\$1,764,800
Protect in Fee with State PILT Liability	\$0	\$0	\$0	\$0	\$0	\$0	\$754,000	\$760,300	\$754,000	\$760,300
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	\$0	\$0	\$0	\$0
Enhance	\$0	\$0	\$0	\$0	\$0	\$0	\$2,796,000	\$2,724,700	\$2,796,000	\$2,724,700
Total	\$0	\$0	\$0	\$0	\$0	\$0	\$5,250,000	\$5,249,800	\$5,250,000	\$5,249,800

**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	5	82	0	0	0	0	5	82
Protect in Fee with State PILT Liability	0	0	35	15	0	0	1	10	41	0	77	25
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	0	0	0	0
Enhance	0	39	272	32	48	61	12,516	374	1,107	1,236	13,943	1,742
Total	0	39	307	47	53	143	12,517	384	1,148	1,236	14,025	1,849

**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	\$1,700,000	\$1,764,800	\$0	\$0	\$0	\$0	\$1,700,000	\$1,764,800
Protect in Fee with State PILT Liability	\$0	\$0	\$339,200	\$289,300	\$0	\$0	\$7,100	\$471,000	\$407,700	\$0	\$754,000	\$760,300
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	\$0	\$0	\$0	\$0
Enhance	\$0	\$36,100	\$252,500	\$153,300	\$1,317,600	\$825,200	\$412,400	\$511,000	\$813,500	\$1,199,100	\$2,796,000	\$2,724,700
Total	\$0	\$36,100	\$591,700	\$442,600	\$3,017,600	\$2,590,000	\$419,500	\$982,000	\$1,221,200	\$1,199,100	\$5,250,000	\$5,249,800

*Automatic system calculation / not entered by managers*

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

36.2

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

180 miles

**Explain the success/shortage of acre goals:**

The original accomplishment plan reflected benefited acres for enhancement projects (such as fish passage) associated with lakes, rather than the footprint of the project. We submitted an amendment to remove a project at Big Stone Lake that was listed as benefiting 11,984 acres, and also received guidance to use footprint acres going forward. This reduced our final reported output acres enhanced in the prairie significantly. Fee title acquisition is variable in the cost per acre, depending on the amount of uplands that are associated with shoreline. These parcels had smaller amounts than previous years, reducing total acres acquired.



## Parcel List

### Section 1 - Restore / Enhance Parcel List

#### Becker

Name	TRDS	Acres	Total Cost	Existing Protection?	Description
Bad Medicine Lake AMA	14237205	1	\$1,300	Yes	Riparian enhancement
Solid Bottom Creek	14238206	1	\$16,600	Yes	Stream habitat improvement
Straight River AMA	14036235	19	\$1,400	Yes	AMA habitat improvement

#### Beltrami

Name	TRDS	Acres	Total Cost	Existing Protection?	Description
Turtle River	14831231	132	\$565,000	Yes	Fish passage

#### Blue Earth

Name	TRDS	Acres	Total Cost	Existing Protection?	Description
Ida Lake AMA	10528201	26	\$39,800	Yes	Riparian enhancement

#### Carlton

Name	TRDS	Acres	Total Cost	Existing Protection?	Description
Little Otter Creek AMA	04817207	11	\$500	Yes	Aquatic Management River enhancement

#### Cass

Name	TRDS	Acres	Total Cost	Existing Protection?	Description
Ah Gwah Ching AMA	14131202	15	\$4,900	Yes	Invasive species control
Grassy Point AMA	13529221	15	\$5,000	Yes	Invasive species control, native planting
Stoney Brook	13529208	1	\$100	Yes	Stream habitat improvement

#### Chippewa

Name	TRDS	Acres	Total Cost	Existing Protection?	Description
Minnesota River	11639233	2	\$40,000	Yes	Riffle

#### Clay

Name	TRDS	Acres	Total Cost	Existing Protection?	Description
Whiskey Creek	13746225	156	\$33,300	Yes	Fish passage

#### Crow Wing

Name	TRDS	Acres	Total Cost	Existing Protection?	Description
Bertha Moody AMA	13528232	10	\$200	Yes	Riparian enhancement
Pleasant Lake AMA	13727219	1	\$1,800	Yes	Native planting
Red Sand Lake	13329201	1	\$175,300	Yes	Fish passage

#### Dakota

Name	TRDS	Acres	Total Cost	Existing Protection?	Description
South Br. Vermillion AMA	11418229	23	\$15,000	Yes	Native planting and maintenance
Vermillion River AMA	11419223	16	\$800	Yes	Riparian enhancement

#### Douglas

Name	TRDS	Acres	Total Cost	Existing Protection?	Description
Geneva AMA	12837216	2	\$1,900	Yes	Riparian enhancement
Jessie Lake AMA	12837227	4	\$2,600	Yes	AMA habitat improvement

#### Fairbault

Name	TRDS	Acres	Total Cost	Existing Protection?	Description
Blue Earth AMA	10428228	150	\$64,100	Yes	Riparian enhancement

#### Fillmore

Name	TRDS	Acres	Total Cost	Existing Protection?	Description
Etna Creek AMA	10213236	30	\$8,600	Yes	AMA habitat improvement
So. Br. Root River	10310221	1	\$133,800	Yes	Stream habitat improvement

#### Goodhue

Name	TRDS	Acres	Total Cost	Existing Protection?	Description
Gemini AMA	11217207	13	\$2,100	Yes	Tree removal and burn

#### Itasca

Name	TRDS	Acres	Total Cost	Existing Protection?	Description
Sand Lake	05825222	1	\$10,800	Yes	Woody habitat enhancement

#### Kanabec

Name	TRDS	Acres	Total Cost	Existing Protection?	Description
Little Knife River AMA	04124221	119	\$17,400	Yes	Riparian enhancement

Kandiyohi

Name	TRDS	Acres	Total Cost	Existing Protection?	Description
Elizabeth Lake AMA	11833203	15	\$11,100	Yes	Riparian enhancement
Middle Lake AMA	12135209	9	\$4,100	Yes	Riparian enhancement
Norway Lake AMA	12135206	18	\$1,500	Yes	Riparian enhancement

LeSueur

Name	TRDS	Acres	Total Cost	Existing Protection?	Description
St Peter AMA	11026214	6	\$4,100	Yes	AMA habitat improvement

Le Sueur

Name	TRDS	Acres	Total Cost	Existing Protection?	Description
Horseshoe Lake AMA	10923212	5	\$3,800	Yes	Riparian enhancement

Meeker

Name	TRDS	Acres	Total Cost	Existing Protection?	Description
Minnebelle Lake AMA	11832212	12	\$6,600	Yes	AMA habitat improvement
North Fork Crow River AMA	12132224	16	\$2,800	Yes	Invasife tree removal, invasive control
Thompson Lake AMA	11732217	15	\$5,700	Yes	AMA habitat improvement

Morrison

Name	TRDS	Acres	Total Cost	Existing Protection?	Description
McDougall AMA	03932229	11	\$5,600	Yes	Riparian enhancement

Olmsted

Name	TRDS	Acres	Total Cost	Existing Protection?	Description
M Fk/So Br Zumbro River P2	10814218	82	\$1,324,000	Yes	Channel Restoration

Pine

Name	TRDS	Acres	Total Cost	Existing Protection?	Description
Barnes Spring AMA	04118212	20	\$11,800	Yes	Riparian enhancement
Big Pine Lake AMA	04321208	18	\$5,400	Yes	Invasive species control

Pope

Name	TRDS	Acres	Total Cost	Existing Protection?	Description
Glenwood Headquarters AMA	12538202	14	\$5,700	Yes	Riparian enhancement

Redwood

Name	TRDS	Acres	Total Cost	Existing Protection?	Description
Riverside AMA	11335220	5	\$5,700	Yes	AMA habitat improvement
Sanborn AMA	10936227	27	\$40,000	Yes	Woody encroachment removal, native planting

Rice

Name	TRDS	Acres	Total Cost	Existing Protection?	Description
Cannon River Dundas AMA	11120215	13	\$18,200	Yes	Native planting and woody encroachment control
Cannon River Morristown AMA	10922223	55	\$5,600	Yes	Riparian enhancement
Sakatah Lake AMA	10922216	1	\$5,100	Yes	AMA habitat improvement

St. Louis

Name	TRDS	Acres	Total Cost	Existing Protection?	Description
French River AMA	05213215	351	\$26,200	Yes	Riparian enhancement
Lester River AMA	05114201	361	\$5,900	Yes	Native planting

Todd

Name	TRDS	Acres	Total Cost	Existing Protection?	Description
Big Birch Lake AMA	12732229	1	\$1,100	Yes	Woody encroachment control

Wabasha

Name	TRDS	Acres	Total Cost	Existing Protection?	Description
Miss. R. - Weaver Bottoms, P2	10909208	5	\$492,900	Yes	River habitat improvement

Winona

Name	TRDS	Acres	Total Cost	Existing Protection?	Description
Coolridge Creek AMA	10509223	13	\$8,900	Yes	Riparian enhancement
Middle Fork Whitewater R	10710220	0	\$376,000	Yes	Channel Restoration

## Section 2 - Protect Parcel List

Becker

Name	TRDS	Acres	OHF Cost	Existing Protection?	Hunting?	Fishing?	Description
White Earth Lake AMA Tract 2	14240216	7	\$370,000	No	limited	Full	Aquatic Management Area

Kandiyohi

Name	TRDS	Acres	OHF Cost	Existing Protection?	Hunting?	Fishing?	Description
Norway Lake AMA Tract 3	12135205	10	\$215,000	No	limited	Full	Aquatic Management Area

**Section 2a - Protect Parcel with Bldgs**

Becker

Name	TRDS	Acres	OHF Cost	# Bldgs?	Bldg Improve Desc	Value of Bldg	Disposition of Improvements	Description
Rock Lake AMA Tract 2	14040217	8	\$100,000	1	Concrete silo	\$0	Removal	Aquatic Management Area

**Section 3 - Other Parcel Activity**

No parcels with an other activity type.

# Completed Parcel: Ah Gwah Ching AMA

# of Total Acres:	15
County:	Cass
Township:	141
Range:	31
Direction:	2
Section:	02
# of Acres: Wetlands/Upland:	
# of Acres: Forest:	
# of Acres: Prairie/Grassland:	
Amount of Shoreline:	
Name of Adjacent Body of Water (if applicable):	Leech
Has there been signage erected at the site:	Yes
Total cost of Restoration/Enhancement:	\$4,900

## Completed Parcel: Bad Medicine Lake AMA

# of Total Acres:	1
County:	Becker
Township:	142
Range:	37
Direction:	2
Section:	05
# of Acres: Wetlands/Upland:	
# of Acres: Forest:	
# of Acres: Prairie/Grassland:	
Amount of Shoreline:	
Name of Adjacent Body of Water (if applicable):	Bad Medicine Lake
Has there been signage erected at the site:	Yes
Total cost of Restoration/Enhancement:	\$1,300

## Completed Parcel: Barnes Spring AMA

# of Total Acres:	20
County:	Pine
Township:	041
Range:	18
Direction:	2
Section:	12
# of Acres: Wetlands/Upland:	
# of Acres: Forest:	
# of Acres: Prairie/Grassland:	
Amount of Shoreline:	
Name of Adjacent Body of Water (if applicable):	Crooked Creek, West Fork
Has there been signage erected at the site:	Yes
Total cost of Restoration/Enhancement:	\$11,800

## Completed Parcel: Bertha Moody AMA

# of Total Acres:	10
County:	Crow Wing
Township:	135
Range:	28
Direction:	2
Section:	32
# of Acres: Wetlands/Upland:	
# of Acres: Forest:	
# of Acres: Prairie/Grassland:	
Amount of Shoreline:	
Name of Adjacent Body of Water (if applicable):	Moody Lake
Has there been signage erected at the site:	Yes
Total cost of Restoration/Enhancement:	\$200

## Completed Parcel: Big Birch Lake AMA

# of Total Acres:	1
County:	Todd
Township:	127
Range:	32
Direction:	2
Section:	29
# of Acres: Wetlands/Upland:	
# of Acres: Forest:	
# of Acres: Prairie/Grassland:	
Amount of Shoreline:	
Name of Adjacent Body of Water (if applicable):	
Has there been signage erected at the site:	Yes
Total cost of Restoration/Enhancement:	\$1,100



## Completed Parcel: Big Pine Lake AMA

# of Total Acres:	18
County:	Pine
Township:	043
Range:	21
Direction:	2
Section:	08
# of Acres: Wetlands/Upland:	
# of Acres: Forest:	
# of Acres: Prairie/Grassland:	
Amount of Shoreline:	
Name of Adjacent Body of Water (if applicable):	Pine River
Has there been signage erected at the site:	Yes
Total cost of Restoration/Enhancement:	\$5,400

## Completed Parcel: Blue Earth AMA

# of Total Acres:	150
County:	Fairbault
Township:	104
Range:	28
Direction:	2
Section:	28
# of Acres: Wetlands/Upland:	
# of Acres: Forest:	
# of Acres: Prairie/Grassland:	
Amount of Shoreline:	
Name of Adjacent Body of Water (if applicable):	Blue Earth River
Has there been signage erected at the site:	Yes
Total cost of Restoration/Enhancement:	\$64,100

## Completed Parcel: Cannon River Dundas AMA

# of Total Acres:	13
County:	Rice
Township:	111
Range:	20
Direction:	2
Section:	15
# of Acres: Wetlands/Upland:	
# of Acres: Forest:	
# of Acres: Prairie/Grassland:	
Amount of Shoreline:	
Name of Adjacent Body of Water (if applicable):	Cannon River
Has there been signage erected at the site:	Yes
Total cost of Restoration/Enhancement:	\$18,200

## Completed Parcel: Cannon River Morristown AMA

# of Total Acres:	55
County:	Rice
Township:	109
Range:	22
Direction:	2
Section:	23
# of Acres: Wetlands/Upland:	
# of Acres: Forest:	
# of Acres: Prairie/Grassland:	
Amount of Shoreline:	
Name of Adjacent Body of Water (if applicable):	Cannon River
Has there been signage erected at the site:	Yes
Total cost of Restoration/Enhancement:	\$5,600

## Completed Parcel: Coolridge Creek AMA

# of Total Acres:	13
County:	Winona
Township:	105
Range:	09
Direction:	2
Section:	23
# of Acres: Wetlands/Upland:	
# of Acres: Forest:	
# of Acres: Prairie/Grassland:	
Amount of Shoreline:	
Name of Adjacent Body of Water (if applicable):	Coolridge Creek
Has there been signage erected at the site:	Yes
Total cost of Restoration/Enhancement:	\$8,900

## Completed Parcel: Elizabeth Lake AMA

# of Total Acres:	15
County:	Kandiyohi
Township:	118
Range:	33
Direction:	2
Section:	03
# of Acres: Wetlands/Upland:	
# of Acres: Forest:	
# of Acres: Prairie/Grassland:	
Amount of Shoreline:	
Name of Adjacent Body of Water (if applicable):	Elizabeth Lake
Has there been signage erected at the site:	Yes
Total cost of Restoration/Enhancement:	\$11,100

## Completed Parcel: Etna Creek AMA

# of Total Acres:	30
County:	Fillmore
Township:	102
Range:	13
Direction:	2
Section:	36
# of Acres: Wetlands/Upland:	
# of Acres: Forest:	
# of Acres: Prairie/Grassland:	
Amount of Shoreline:	
Name of Adjacent Body of Water (if applicable):	Etna Creek
Has there been signage erected at the site:	Yes
Total cost of Restoration/Enhancement:	\$26,200

## Completed Parcel: French River AMA

# of Total Acres:	351
County:	St. Louis
Township:	052
Range:	13
Direction:	2
Section:	15
# of Acres: Wetlands/Upland:	
# of Acres: Forest:	
# of Acres: Prairie/Grassland:	
Amount of Shoreline:	
Name of Adjacent Body of Water (if applicable):	French River
Has there been signage erected at the site:	Yes
Total cost of Restoration/Enhancement:	\$26,200



## Completed Parcel: Gemini AMA

# of Total Acres:	13
County:	Goodhue
Township:	112
Range:	17
Direction:	2
Section:	07
# of Acres: Wetlands/Upland:	
# of Acres: Forest:	
# of Acres: Prairie/Grassland:	
Amount of Shoreline:	
Name of Adjacent Body of Water (if applicable):	Cannon River
Has there been signage erected at the site:	Yes
Total cost of Restoration/Enhancement:	\$2,100

## Completed Parcel: Geneva AMA

# of Total Acres:	2
County:	Douglas
Township:	128
Range:	37
Direction:	2
Section:	16
# of Acres: Wetlands/Upland:	
# of Acres: Forest:	
# of Acres: Prairie/Grassland:	
Amount of Shoreline:	
Name of Adjacent Body of Water (if applicable):	Geneva Lake
Has there been signage erected at the site:	Yes
Total cost of Restoration/Enhancement:	\$1,900

## Completed Parcel: Glenwood Headquarters AMA

# of Total Acres:	14
County:	Pope
Township:	125
Range:	38
Direction:	2
Section:	02
# of Acres: Wetlands/Upland:	
# of Acres: Forest:	
# of Acres: Prairie/Grassland:	
Amount of Shoreline:	
Name of Adjacent Body of Water (if applicable):	Lake Minnewaska
Has there been signage erected at the site:	Yes
Total cost of Restoration/Enhancement:	\$5,700

## Completed Parcel: Grassy Point AMA

# of Total Acres:	15
County:	Cass
Township:	135
Range:	29
Direction:	2
Section:	21
# of Acres: Wetlands/Upland:	
# of Acres: Forest:	
# of Acres: Prairie/Grassland:	
Amount of Shoreline:	
Name of Adjacent Body of Water (if applicable):	Gull Lake
Has there been signage erected at the site:	Yes
Total cost of Restoration/Enhancement:	\$5,000

## Completed Parcel: Horseshoe Lake AMA

# of Total Acres:	5
County:	Le Sueur
Township:	109
Range:	23
Direction:	2
Section:	12
# of Acres: Wetlands/Upland:	
# of Acres: Forest:	
# of Acres: Prairie/Grassland:	
Amount of Shoreline:	
Name of Adjacent Body of Water (if applicable):	Horseshoe Lake
Has there been signage erected at the site:	Yes
Total cost of Restoration/Enhancement:	\$3,800

## Completed Parcel: Ida Lake AMA

# of Total Acres:	26
County:	Blue Earth
Township:	105
Range:	28
Direction:	2
Section:	01
# of Acres: Wetlands/Upland:	
# of Acres: Forest:	
# of Acres: Prairie/Grassland:	
Amount of Shoreline:	
Name of Adjacent Body of Water (if applicable):	Ida Lake
Has there been signage erected at the site:	Yes
Total cost of Restoration/Enhancement:	\$39,800

## Completed Parcel: Jessie Lake AMA

# of Total Acres:	4
County:	Douglas
Township:	128
Range:	37
Direction:	2
Section:	27
# of Acres: Wetlands/Upland:	
# of Acres: Forest:	
# of Acres: Prairie/Grassland:	
Amount of Shoreline:	
Name of Adjacent Body of Water (if applicable):	Jessie Lake
Has there been signage erected at the site:	Yes
Total cost of Restoration/Enhancement:	\$2,600

## Completed Parcel: Lester River AMA

# of Total Acres:	361
County:	St. Louis
Township:	051
Range:	14
Direction:	2
Section:	01
# of Acres: Wetlands/Upland:	
# of Acres: Forest:	
# of Acres: Prairie/Grassland:	
Amount of Shoreline:	
Name of Adjacent Body of Water (if applicable):	Lester River
Has there been signage erected at the site:	Yes
Total cost of Restoration/Enhancement:	\$5,900



## Completed Parcel: Little Knife River AMA

# of Total Acres:	119
County:	Kanabec
Township:	041
Range:	24
Direction:	2
Section:	21
# of Acres: Wetlands/Upland:	
# of Acres: Forest:	
# of Acres: Prairie/Grassland:	
Amount of Shoreline:	
Name of Adjacent Body of Water (if applicable):	Little Knife River
Has there been signage erected at the site:	Yes
Total cost of Restoration/Enhancement:	\$17,400

## Completed Parcel: Little Otter Creek AMA

# of Total Acres:	11
County:	Carlton
Township:	048
Range:	17
Direction:	2
Section:	07
# of Acres: Wetlands/Upland:	
# of Acres: Forest:	
# of Acres: Prairie/Grassland:	
Amount of Shoreline:	
Name of Adjacent Body of Water (if applicable):	Little Otter Creek
Has there been signage erected at the site:	Yes
Total cost of Restoration/Enhancement:	\$500

## Completed Parcel: McDougall AMA

# of Total Acres:	11
County:	Morrison
Township:	039
Range:	32
Direction:	2
Section:	29
# of Acres: Wetlands/Upland:	
# of Acres: Forest:	
# of Acres: Prairie/Grassland:	
Amount of Shoreline:	
Name of Adjacent Body of Water (if applicable):	Mississippi River
Has there been signage erected at the site:	Yes
Total cost of Restoration/Enhancement:	\$5,600

## Completed Parcel: M Fk/So Br Zumbro River P2

# of Total Acres:	82
County:	Olmsted
Township:	108
Range:	14
Direction:	2
Section:	18
# of Acres: Wetlands/Upland:	
# of Acres: Forest:	
# of Acres: Prairie/Grassland:	
Amount of Shoreline:	
Name of Adjacent Body of Water (if applicable):	Middle Fork Zumbro River
Has there been signage erected at the site:	Yes
Total cost of Restoration/Enhancement:	\$1,324,000

## Completed Parcel: Middle Fork Whitewater R

# of Total Acres:	0
County:	Winona
Township:	107
Range:	10
Direction:	2
Section:	20
# of Acres: Wetlands/Upland:	
# of Acres: Forest:	
# of Acres: Prairie/Grassland:	
Amount of Shoreline:	
Name of Adjacent Body of Water (if applicable):	Middle Branch Whitewater River
Has there been signage erected at the site:	Yes
Total cost of Restoration/Enhancement:	\$376,000

## Completed Parcel: Middle Lake AMA

# of Total Acres:	9
County:	Kandiyohi
Township:	121
Range:	35
Direction:	2
Section:	09
# of Acres: Wetlands/Upland:	
# of Acres: Forest:	
# of Acres: Prairie/Grassland:	
Amount of Shoreline:	
Name of Adjacent Body of Water (if applicable):	Middle Lake
Has there been signage erected at the site:	Yes
Total cost of Restoration/Enhancement:	\$4,100

## Completed Parcel: Minnebelle Lake AMA

# of Total Acres:	12
County:	Meeker
Township:	118
Range:	32
Direction:	2
Section:	12
# of Acres: Wetlands/Upland:	
# of Acres: Forest:	
# of Acres: Prairie/Grassland:	
Amount of Shoreline:	
Name of Adjacent Body of Water (if applicable):	Minniebelle Lake
Has there been signage erected at the site:	Yes
Total cost of Restoration/Enhancement:	\$6,600

## Completed Parcel: Minnesota River

# of Total Acres:	2
County:	Chippewa
Township:	116
Range:	39
Direction:	2
Section:	33
# of Acres: Wetlands/Upland:	
# of Acres: Forest:	
# of Acres: Prairie/Grassland:	
Amount of Shoreline:	
Name of Adjacent Body of Water (if applicable):	Minnesota River
Has there been signage erected at the site:	Yes
Total cost of Restoration/Enhancement:	\$40,000



## Completed Parcel: Miss. R. - Weaver Bottoms, P2

# of Total Acres:	5
County:	Wabasha
Township:	109
Range:	09
Direction:	2
Section:	08
# of Acres: Wetlands/Upland:	
# of Acres: Forest:	
# of Acres: Prairie/Grassland:	
Amount of Shoreline:	
Name of Adjacent Body of Water (if applicable):	Mississippi River
Has there been signage erected at the site:	Yes
Total cost of Restoration/Enhancement:	\$492,900

## Completed Parcel: North Fork Crow River AMA

# of Total Acres:	16
County:	Meeker
Township:	121
Range:	32
Direction:	2
Section:	24
# of Acres: Wetlands/Upland:	
# of Acres: Forest:	
# of Acres: Prairie/Grassland:	
Amount of Shoreline:	
Name of Adjacent Body of Water (if applicable):	North Fork Crow River
Has there been signage erected at the site:	Yes
Total cost of Restoration/Enhancement:	\$2,800

## Completed Parcel: Norway Lake AMA

# of Total Acres:	18
County:	Kandiyohi
Township:	121
Range:	35
Direction:	2
Section:	06
# of Acres: Wetlands/Upland:	
# of Acres: Forest:	
# of Acres: Prairie/Grassland:	
Amount of Shoreline:	
Name of Adjacent Body of Water (if applicable):	Norway Lake
Has there been signage erected at the site:	Yes
Total cost of Restoration/Enhancement:	\$1,500

## Completed Parcel: Norway Lake AMA Tract 3

# of Total Acres:	10
County:	Kandiyohi
Township:	121
Range:	35
Direction:	2
Section:	05
# of Acres: Wetlands/Upland:	2
# of Acres: Forest:	8
# of Acres: Prairie/Grassland:	
Amount of Shoreline:	1700 (Linear Feet)
Name of Adjacent Body of Water (if applicable):	Norway Lake
Has there been signage erected at the site:	Yes
Annual Reporting Organization Name:	Mn Dept of Natural Resources
Annual Reporting Manager Name:	Brian Nerbonne
Annual Reporting Address:	500 Lafayette Road
Annual Reporting City:	Saint Paul
Annual Reporting State:	MN
Annual Reporting Zip:	55155
Annual Reporting Email:	brian.nerbonne@state.mn.us
Annual Reporting Phone:	651-259-5205
Purchase Date:	August 29, 2014
Acquisition Title:	
Purchase Price:	\$215,000
Appraised Value:	\$215,000
Professional Service Costs:	\$0
Assessed Value:	\$190,700
Total Project Cost:	\$0
Fees Received:	\$0
Donations:	\$0
Related Parties:	
Property Managed By:	DNR - Aquatic Management Area -
Name of the unit area or location government unit or land manager:	Minnesota Department of Natural Resources

## Completed Parcel: Pleasant Lake AMA

# of Total Acres:	1
County:	Crow Wing
Township:	137
Range:	27
Direction:	2
Section:	19
# of Acres: Wetlands/Upland:	
# of Acres: Forest:	
# of Acres: Prairie/Grassland:	
Amount of Shoreline:	
Name of Adjacent Body of Water (if applicable):	Pleasant Lake
Has there been signage erected at the site:	Yes
Total cost of Restoration/Enhancement:	\$1,800

## Completed Parcel: Red Sand Lake

# of Total Acres:	1
County:	Crow Wing
Township:	133
Range:	29
Direction:	2
Section:	01
# of Acres: Wetlands/Upland:	
# of Acres: Forest:	
# of Acres: Prairie/Grassland:	
Amount of Shoreline:	
Name of Adjacent Body of Water (if applicable):	Red Sand Lake
Has there been signage erected at the site:	Yes
Total cost of Restoration/Enhancement:	\$175,300

## Completed Parcel: Riverside AMA

# of Total Acres:	5
County:	Redwood
Township:	113
Range:	35
Direction:	2
Section:	20
# of Acres: Wetlands/Upland:	
# of Acres: Forest:	
# of Acres: Prairie/Grassland:	
Amount of Shoreline:	
Name of Adjacent Body of Water (if applicable):	Minnesota River
Has there been signage erected at the site:	Yes
Total cost of Restoration/Enhancement:	\$5,700

## Completed Parcel: Rock Lake AMA Tract 2

# of Total Acres:	8
County:	Becker
Township:	140
Range:	40
Direction:	2
Section:	17
# of Acres: Wetlands/Upland:	2
# of Acres: Forest:	6
# of Acres: Prairie/Grassland:	
Amount of Shoreline:	2300 (Linear Feet)
Name of Adjacent Body of Water (if applicable):	Rock Lake
Has there been signage erected at the site:	Yes
Annual Reporting Organization Name:	Mn Dept of Natural Resources
Annual Reporting Manager Name:	Pat Rivers
Annual Reporting Address:	500 Lafayette Road
Annual Reporting City:	Saint Paul
Annual Reporting State:	MN
Annual Reporting Zip:	55155
Annual Reporting Email:	Pat.rivers@state.mn.us
Annual Reporting Phone:	651.259.5209
Purchase Date:	April 15, 2015
Acquisition Title:	
Purchase Price:	\$290,900
Appraised Value:	\$290,900
Professional Service Costs:	\$0
Assessed Value:	\$262,000
Total Project Cost:	\$290,900
Fees Received:	\$0
Donations:	\$0
Related Parties:	
Property Managed By:	-
Name of the unit area or location government unit or land manager:	



## Completed Parcel: Sakatah Lake AMA

# of Total Acres:	1
County:	Rice
Township:	109
Range:	22
Direction:	2
Section:	16
# of Acres: Wetlands/Upland:	
# of Acres: Forest:	
# of Acres: Prairie/Grassland:	
Amount of Shoreline:	
Name of Adjacent Body of Water (if applicable):	Cannon River
Has there been signage erected at the site:	Yes
Total cost of Restoration/Enhancement:	\$5,100

## Completed Parcel: Sanborn AMA

# of Total Acres:	27
County:	Redwood
Township:	109
Range:	36
Direction:	2
Section:	27
# of Acres: Wetlands/Upland:	
# of Acres: Forest:	
# of Acres: Prairie/Grassland:	
Amount of Shoreline:	
Name of Adjacent Body of Water (if applicable):	Cottonwood River
Has there been signage erected at the site:	Yes
Total cost of Restoration/Enhancement:	\$40,000

## Completed Parcel: Sand Lake

# of Total Acres:	1
County:	Itasca
Township:	058
Range:	25
Direction:	2
Section:	22
# of Acres: Wetlands/Upland:	
# of Acres: Forest:	
# of Acres: Prairie/Grassland:	
Amount of Shoreline:	
Name of Adjacent Body of Water (if applicable):	Sand Lake
Has there been signage erected at the site:	Yes
Total cost of Restoration/Enhancement:	\$10,800

## Completed Parcel: So. Br. Root River

# of Total Acres:	1
County:	Fillmore
Township:	103
Range:	10
Direction:	2
Section:	21
# of Acres: Wetlands/Upland:	
# of Acres: Forest:	
# of Acres: Prairie/Grassland:	
Amount of Shoreline:	
Name of Adjacent Body of Water (if applicable):	South Branch Root River
Has there been signage erected at the site:	Yes
Total cost of Restoration/Enhancement:	\$133,800

## Completed Parcel: Solid Bottom Creek

# of Total Acres:	1
County:	Becker
Township:	142
Range:	38
Direction:	2
Section:	06
# of Acres: Wetlands/Upland:	
# of Acres: Forest:	
# of Acres: Prairie/Grassland:	
Amount of Shoreline:	500 (Linear Feet)
Name of Adjacent Body of Water (if applicable):	Solid Bottom Creek
Has there been signage erected at the site:	Yes
Total cost of Restoration/Enhancement:	\$11,143

## Completed Parcel: South Br. Vermillion AMA

# of Total Acres:	23
County:	Dakota
Township:	114
Range:	18
Direction:	2
Section:	29
# of Acres: Wetlands/Upland:	
# of Acres: Forest:	
# of Acres: Prairie/Grassland:	
Amount of Shoreline:	
Name of Adjacent Body of Water (if applicable):	South Branch Vermillion River
Has there been signage erected at the site:	Yes
Total cost of Restoration/Enhancement:	\$15,000

## Completed Parcel: Stoney Brook

# of Total Acres:	1
County:	Cass
Township:	135
Range:	29
Direction:	2
Section:	08
# of Acres: Wetlands/Upland:	
# of Acres: Forest:	
# of Acres: Prairie/Grassland:	
Amount of Shoreline:	
Name of Adjacent Body of Water (if applicable):	Stoney Brook
Has there been signage erected at the site:	Yes
Total cost of Restoration/Enhancement:	\$100

## Completed Parcel: St Peter AMA

# of Total Acres:	6
County:	LeSueur
Township:	110
Range:	26
Direction:	2
Section:	14
# of Acres: Wetlands/Upland:	
# of Acres: Forest:	
# of Acres: Prairie/Grassland:	
Amount of Shoreline:	
Name of Adjacent Body of Water (if applicable):	Paul's Creek
Has there been signage erected at the site:	Yes
Total cost of Restoration/Enhancement:	\$4,100



## Completed Parcel: Straight River AMA

# of Total Acres:	19
County:	Becker
Township:	140
Range:	36
Direction:	2
Section:	35
# of Acres: Wetlands/Upland:	
# of Acres: Forest:	
# of Acres: Prairie/Grassland:	
Amount of Shoreline:	
Name of Adjacent Body of Water (if applicable):	Straight River
Has there been signage erected at the site:	Yes
Total cost of Restoration/Enhancement:	\$1,400

## Completed Parcel: Thompson Lake AMA

# of Total Acres:	15
County:	Meeker
Township:	117
Range:	32
Direction:	2
Section:	17
# of Acres: Wetlands/Upland:	
# of Acres: Forest:	
# of Acres: Prairie/Grassland:	
Amount of Shoreline:	
Name of Adjacent Body of Water (if applicable):	Thompson Lake
Has there been signage erected at the site:	Yes
Total cost of Restoration/Enhancement:	\$5,700

## Completed Parcel: Turtle River

# of Total Acres:	132
County:	Beltrami
Township:	148
Range:	31
Direction:	2
Section:	31
# of Acres: Wetlands/Upland:	
# of Acres: Forest:	
# of Acres: Prairie/Grassland:	
Amount of Shoreline:	200 (Linear Feet)
Name of Adjacent Body of Water (if applicable):	
Has there been signage erected at the site:	Yes
Total cost of Restoration/Enhancement:	\$565,000

## Completed Parcel: Vermillion River AMA

# of Total Acres:	16
County:	Dakota
Township:	114
Range:	19
Direction:	2
Section:	23
# of Acres: Wetlands/Upland:	
# of Acres: Forest:	
# of Acres: Prairie/Grassland:	
Amount of Shoreline:	
Name of Adjacent Body of Water (if applicable):	Vermillion River
Has there been signage erected at the site:	Yes
Total cost of Restoration/Enhancement:	\$800

## Completed Parcel: Whiskey Creek

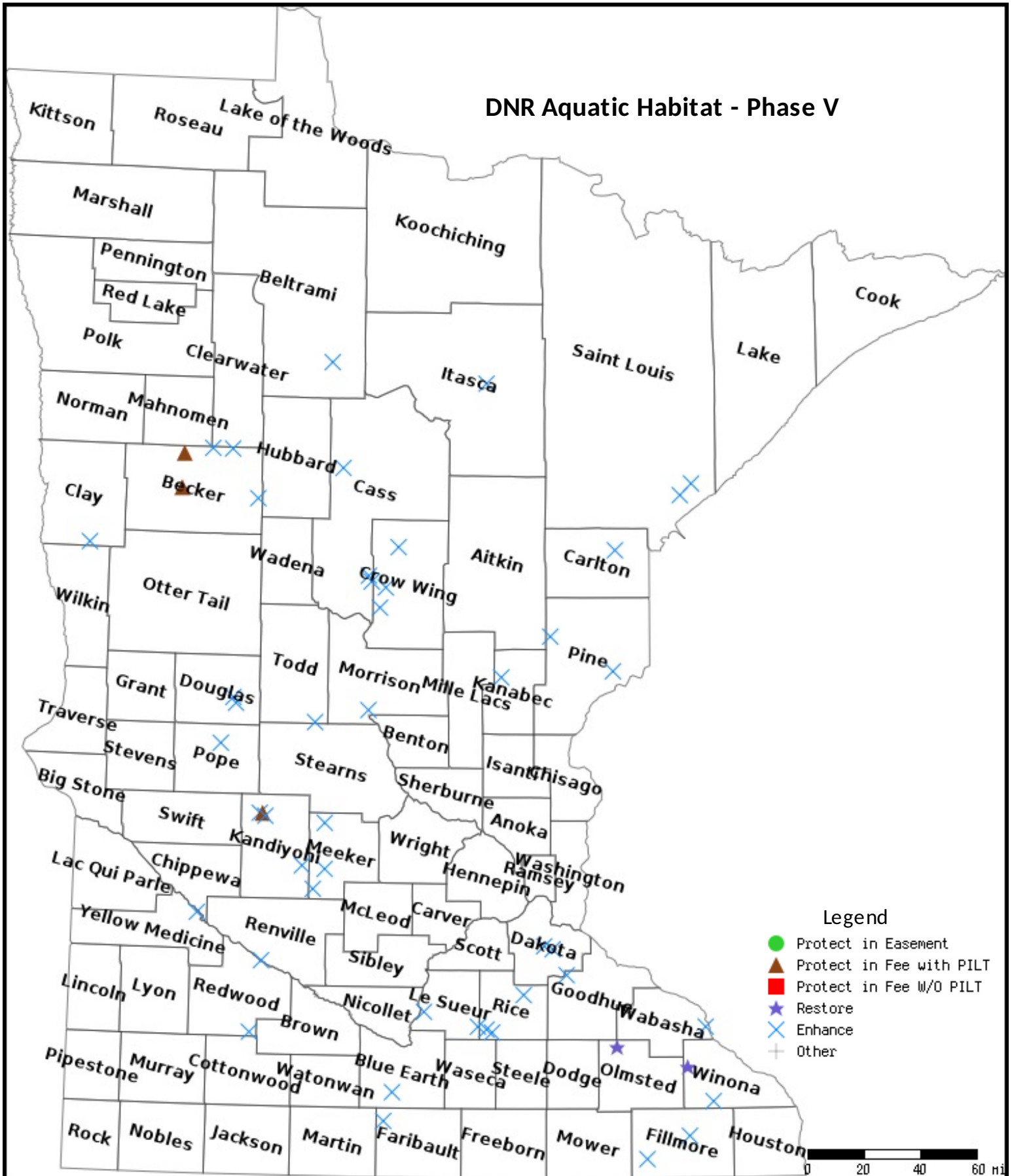
# of Total Acres:	156
County:	Clay
Township:	137
Range:	46
Direction:	2
Section:	25
# of Acres: Wetlands/Upland:	
# of Acres: Forest:	
# of Acres: Prairie/Grassland:	
Amount of Shoreline:	500 (Linear Feet)
Name of Adjacent Body of Water (if applicable):	
Has there been signage erected at the site:	Yes
Total cost of Restoration/Enhancement:	\$33,286

## Completed Parcel: White Earth Lake AMA Tract 2

# of Total Acres:	7
County:	Becker
Township:	142
Range:	40
Direction:	2
Section:	16
# of Acres: Wetlands/Upland:	
# of Acres: Forest:	
# of Acres: Prairie/Grassland:	
Amount of Shoreline:	1440 (Linear Feet)
Name of Adjacent Body of Water (if applicable):	White Earth Lake
Has there been signage erected at the site:	Yes
Annual Reporting Organization Name:	Mn Dept of Natural Resources
Annual Reporting Manager Name:	Brian Nerbonne
Annual Reporting Address:	500 Lafayette Road
Annual Reporting City:	Saint Paul
Annual Reporting State:	MN
Annual Reporting Zip:	55155
Annual Reporting Email:	brian.nerbonne@state.mn.us
Annual Reporting Phone:	651.259.5205
Purchase Date:	April 07, 2016
Acquisition Title:	
Purchase Price:	\$370,000
Appraised Value:	\$370,000
Professional Service Costs:	\$25,734
Assessed Value:	\$110,300
Total Project Cost:	\$370,000
Fees Received:	\$0
Donations:	\$0
Related Parties:	
Property Managed By:	DNR - Aquatic Management Area -
Name of the unit area or location government unit or land manager:	MN DNR

# Parcel Map

## DNR Aquatic Habitat - Phase V



**Legend**

- Protect in Easement
- ▲ Protect in Fee with PILT
- Protect in Fee W/O PILT
- ★ Restore
- × Enhance
- + Other

