Lessard-Sams Outdoor Heritage Council
Laws of Minnesota 2013 Accomplishment Plan

Date: January 03, 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: Aitkin, Becker, Beltrami, Blue Earth, Carlton, Cass, Chippewa, Chisago, Clay, Cook, Cottonwood, Crow Wing, Dakota, Douglas, Fairbault, Fillmore, Goodhue, Hubbard, Itasca, Jackson, Kanabec, Kandiyohi, LeSueur, Le Sueur, Lincoln, Martin, Meeker, Morrison, Olmsted, Otter Tail, Pine, Pope, Redwood, Rice, Rock, St. Louis, Todd, Wabasha, Winona, and Wright.

Regions in which work will take place:

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

Activity types:

- Enhance
- Protect in Fee
- Restore

Priority resources addressed by activity:

- Habitat

Abstract:

We will use a programmatic approach to achieve prioritized aquatic habitat protection, restoration, and enhancement for lakes, trout streams, and rivers across 4 of the 5 LSOHC planning regions of Minnesota.

Design and scope of work:

Minnesota's aquatic habitats have been degraded or threatened by a century or more of land, hydrology, and human settlement related alterations. The consequences to aquatic species have been reduced habitats for essential life history stages, lack of access to traditional spawning areas, and fragmentation of formerly continuous habitat that served as corridors to facilitate seasonal movements.

Geographically, aquatic habitats are in various states of quality and experiencing differing levels of environmental stress with a general pattern of healthy habitats under low stress in the northeast and less healthy habitats under high stress in the southern and western portions of the state. But even within this generalized pattern there are many notable exceptions – some aquatic habitats are exhibiting declining quality from local environmental stress in the otherwise low stress landscape of the northeast, while some moderate to high quality aquatic habitats still persist within the high environmental stress landscape to the west and south. Against this backdrop, DNR has a diverse infrastructure of habitat programs that provide a meaningful framework for delivering habitat protection, restoration, and enhancement throughout the state.

This proposal uses a programmatic approach to achieve prioritized aquatic habitat protection, restoration, and enhancement for lakes, trout streams, and rivers across Minnesota. We propose to: i) protect over 1 miles (77 acres) of shoreline on lakes, rivers and trout streams; ii) restore and enhance river and stream functions through in-channel reconstruction and fish barrier removal that will benefit 0.4 river miles; iii) enhance Mississippi River backwater, wetland, and floodplain habitat by removing accumulated sediments and restoring depth, which will benefit 150 acres of aquatic habitat; iv) enhance woody habitat along approximately 1000 feet of shoreline on two lakes; and v) enhance over 1,000 acres of riparian habitat on Aquatic Management Areas. The strategic approach and priority resources targeted in this proposal are supported by a number of internal and external conservation planning documents. The DNR will implement the objectives of this proposal through established and highly successful programs each having strong stakeholder support including: Aquatic Management Area Program, Stream Habitat Program, Shoreland Habitat Restoration Program, and Coldwater Streams Program.

Acquisition of priority habitats provides permanent protection backed by state and federal laws. The AMA designation unit within the Outdoor Recreation System was established by the Legislature in 1992 and has strong support from conservation groups and anglers. The AMA Program currently has an inventory of more than 830 miles of shoreline in over 330 AMAs, which provide permanent protection of critical riparian habitats, perpetuate fish and wildlife populations, safeguard water quality, and offer public recreational access opportunities as an important additional benefit.Channel restoration, dam modification, and shoreline enhancement work is based on proven methods and DNR experience with multiple projects. The DNR has worked on large-scale river and stream restoration projects since 1998 and has completed or assisted in design elements of over 100 stream projects addressing restoration, fish passage, dam removal and dam modification to rapids. Providing fish passage over in-stream barriers such as low-head dams reconnects fish and other aquatic species to upstream habitats essential for spawning, juvenile life stages, and overall abundance and genetic diversity. Stream restoration projects reconstruct the stream's natural pattern, profile, and dimension and address the key components of a stream: wildlife and fish habitat, water quality, connectivity to the floodplain and upstream reaches, and hydrology. By drawing on accumulated scientific knowledge, DNR strives to deliver the best possible restoration and enhancement projects using the best available science.

With this funding, we will:

*protect 1 mile of critical shoreline habitat by acquiring priority parcels from our AMA project list;
implement phase-2 of a Mississippi River backwater habitat enhancement project, which will provide immediate and measurable benefits to fish and fishing;
*restore channel stability and habitat function within the Middle Fork Whitewater River adjacent to Whitewater State Park and the Middle Fork South Branch of the Zumbro River in the lakebed of former Lake Shady;
*enhance upland and riparian habitat on 32 AMA units, which will improve vegetative cover and habitat complexity;
install shoreline woody habitat complexes on two lakes where this habitat type has been greatly reduced by a century of logging and lakeshore development;
*enhance fish passage around existing barriers at 2 project sites, which will restore access to historic spawning areas and reconnect fish to their historic range;
*improve stream habitat condition along 6 project sites, which will stabilize stream banks and increase in-stream habitat complexity; and
*enhance spawning area and juvenile fish habitat within the Minnesota River where these habitat features have been determined to be limiting natural recruitment of fish species;
*hire temporary lands management crews to conduct habitat condition and management needs assessments for DNR lands, focusing initially on developing management plans for 100 AMA units. Land crews will provide some site development capacity (e.g., fencing, signage) and habitat restoration implementation (e.g., prairie burning, revegetation), but will focus primarily on identifying habitat improvement needs on our AMA units and develop project proposals for future OHF or partner initiated CPL funding requests; and
*hire temporary project management personnel to provide project oversight, contract management, and physical and functional assessment of "as-built" DNR stream restoration projects funded by OHF; work with partners to identify priority project locations and opportunities for future LSOHC or CLP funding; and assist partners receiving OHF funding with early project design review and permitting.

Accomplishments to date from prior appropriations include: 17 miles (1100 acres) of priority riparian habitat protected; 1 fish passage barrier removed; 4.5 miles of trout stream corridor enhanced. Many additional protection, restoration, and enhancement projects are in various stages nearing completion.

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

- H2 Protect critical shoreland of streams and lakes
- H6 Protect and restore critical in-water habitat of lakes and streams

Which other plans are addressed in this program:

- Long Range Plan for Fisheries Management
- Midwest Glacial Lakes Partnership
- Minnesota DNR AMA Acquisition Plan
- Minnesota DNR Strategic Conservation Agenda
- Minnesota's Wildlife Action Plan 2015-2025
- National Fish Habitat Action Plan
- Outdoor Heritage Fund: A 25 Year Framework
- Red River of the North Fisheries Management Plan
- Strategic Plan for Coldwater Resources Management in Southeastern Minnesota
- individual lake & stream management plans

Which LSOHC state-wide priorities are addressed in this program:

- Not Listed

Which LSOHC section priorities are addressed in this program:

Forest / Prairie Transition:

- Protect, enhance, and restore wild rice wetlands, shallow lakes, wetland/grassland complexes, aspen parklands, and shoreland that provide critical habitat for game and nongame wildlife

Metro / Urban:

- Not Listed

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
- Restore and enhance habitat on existing protected properties, with preference to habitat for rare, endangered, or threatened species identified by the Minnesota County Biological Survey

Prairie:

- Restore or enhance habitat on public lands
- Protect, restore, and enhance shallow lakes

Southeast Forest:

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

Relationship to other funds:

- Not Listed

Describe the relationship of the funds:

Not Listed

How does this program accelerate or supplement your current efforts in this area:

This program funding will be supplemental to traditional funding sources, and is of reasonable size given the scale of DNR's recent fiscal year expenditures. The program activities included in this proposal are above and beyond program activity funded through DNR base budget appropriations. In addition to legislative appropriations from Game and Fish Fund and capital bonding, the Department actively pursues other funding from a variety of sources including LCCMR, federal grants and private foundation grants to achieve aquatic habitat program outcomes. These alternative sources of funding are less certain or predictable and, thus, are not part of the Department's base budget.

Per MS 97A.056, Subd. 24, Any state agency or organization requesting a direct appropriation from the OHF must inform the LSOHC at the time of the request for funding is made, whether the request is supplanting or is a substitution for any previous funding that was not from a legacy fund and was used for the same purpose:

Not Listed

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

AMA acquisitions will be sustained through fee title ownership. This is a long-term protection strategy. Long-term stewardship of fee title AMA lands is achieved through periodic and recurring monitoring of the property and boundaries for encroachment by adjoining property owners or for habitat management needs.

River and stream restoration activities are designed to work with natural hydrology of the flowing systems so as to be durable and self-maintaining over time. Restoring natural channel function or mimicking natural riffles/rapids results in the desired habitat benefit but also provides perpetual self-maintenance.

Activity Details:

Will there be planting of corn or any crop on OHF land purchased or restored in this program - **Not Listed**

Will local government approval be sought prior to acquisition - **No**

Township and County support are usually obtained as part of the acquisition process. County Boards are typically notified after AMA parcels have been optioned and consistent with DNR policy.

Is the land you plan to acquire (fee title) free of any other permanent protection - **Yes**

Is this land open for hunting and fishing - **Yes**

Whenever possible, AMA easement lands will be opened for angling, hunting, and other non-motorized light use activities consistent with M.R. 6270.0200.

Is the activity on permanently protected land per 97A.056, subd 13(f) and/or public waters per MS 103G.005, Subd. 15 - **Yes (AMA, Public Waters, no)**

Accomplishment Timeline:

Activity	Approximate Date Completed
Acquire priority fee title AMA parcels - 1 mile	June 30, 2015
Preliminary stream restoration project design assessments initiated for up to 3 projects on priority list	June 30, 2017
Completed project engineering designs for MF/SB Zumbro River and Whitewater River projects	June 30, 2015
Construction bids received and contracts awarded for MF/SB Zumbro River and Whitewater River projects	June 30, 2016
Completed major construction actvities for approved projects	June 30, 2017
AMA riparian enhancement project designs and implementation plans completed; project bidding initiated	June 30, 2014
AMA riparian enhancement projects completed	June 30, 2016
AMA riparian enhancement projects assessed and sign-off	June 30, 2017
Mississippi River backwater habitat enhancement project permitting and bidding	June 30, 2014
Miss River backwater habitat enhancement project construction activities completed	June 30, 2017
20 AMA habitat condition and management needs assessments completed	June 30, 2014
40 AMA habitat condition and management needs assessments completed; initial project needs prioritized	June 30, 2015
40 AMA habitat condition and management needs assessments completed; management plans written; project needs prioritized	June 30, 2016

Date of Final Report Submission: 10/31/2018

Federal Funding:

Do you anticipate federal funds as a match for this program - **Not Listed**

Outcomes:

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

Programs in forest-prairie transition region:

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

Programs in metropolitan urbanizing region:

- Not Listed

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

Programs in prairie region:

- Improved condition of habitat on public lands

Budget Spreadsheet

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

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

Not Listed

Total Amount of Request: $ 5250000

Budget and Cash Leverage

Budget Name	LSOHC Request	Anticipated Leverage	Leverage Source	Total
Personnel	$1,221,000	$0		$1,221,000
Contracts	$2,771,000	$0		$2,771,000
Fee Acquisition w/ PILT	$685,000	$0		$685,000
Fee Acquisition w/o PILT	$0	$0		$0
Easement Acquisition	$0	$0		$0
Easement Stewardship	$0	$0		$0
Travel	$100,000	$0		$100,000
Professional Services	$140,000	$0		$140,000
Direct Support Services	$188,000	$0		$188,000
DNR Land Acquisition Costs	$0	$0		$0
Capital Equipment	$0	$0		$0
Other Equipment/Tools	$5,000	$0		$5,000
Supplies/Materials	$140,000	$0		$140,000
DNR IDP	$0	$0		$0
Total	$5,250,000	$0		$5,250,000

Personnel

Position	FTE	Over # of years	LSOHC Request	Anticipated Leverage	Leverage Source	Total
LSOHC Stream Project Manager	2.00	3.00	$450,000	$0		$450,000
Shoreland Restoration Specialist	0.50	2.00	$75,000	$0		$75,000
Seasonal Interns - Lands Crew	2.00	3.00	$168,000	$0		$168,000
Land management crew leader	2.00	3.00	$336,000	$0		$336,000
Seasonal Technician - Lands crew	1.00	3.00	$192,000	$0		$192,000
Total	7.50	14.00	$1,221,000	$0		$1,221,000

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

Direct and necessary for activities approved in this proposal

Output Tables

Table 1a. Acres by Resource Type

Type	Wetlands	Prairies	Forest	Habitats	Total
Restore	0	0	0	5	5
Protect in Fee with State PILT Liability	0	0	0	25	25
Protect in Fee W/O State PILT Liability	0	0	0	0	0
Protect in Easement	0	0	0	0	0
Enhance	0	0	0	1,971	1,971
Total	0	0	0	2,001	2,001

Table 2. Total Funding by Resource Type

Type	Wetlands	Prairies	Forest	Habitats	Total
Restore	$0	$0	$0	$1,700,000	$1,700,000
Protect in Fee with State PILT Liability	$0	$0	$0	$775,300	$775,300
Protect in Fee W/O State PILT Liability	$0	$0	$0	$0	$0
Protect in Easement	$0	$0	$0	$0	$0
Enhance	$0	$0	$0	$2,774,700	$2,774,700
Total	$0	$0	$0	$5,250,000	$5,250,000

Table 3. Acres within each Ecological Section

Type	Metro Urban	Forest Prairie	SE Forest	Prairie	N Forest	Total
Restore	0	0	5	0	0	5
Protect in Fee with State PILT Liability	0	15	0	10	0	25
Protect in Fee W/O State PILT Liability	0	0	0	0	0	0
Protect in Easement	0	0	0	0	0	0
Enhance	0	272	48	544	1,107	1,971
Total	0	287	53	554	1,107	2,001

Table 4. Total Funding within each Ecological Section

Type	Metro Urban	Forest Prairie	SE Forest	Prairie	N Forest	Total
Restore	$0	$0	$1,700,000	$0	$0	$1,700,000
Protect in Fee with State PILT Liability	$0	$296,800	$0	$478,500	$0	$775,300
Protect in Fee W/O State PILT Liability	$0	$0	$0	$0	$0	$0
Protect in Easement	$0	$0	$0	$0	$0	$0
Enhance	$0	$252,500	$1,317,600	$412,400	$792,200	$2,774,700
Total	$0	$549,300	$3,017,600	$890,900	$792,200	$5,250,000

Target Lake/Stream/River Feet or Miles

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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

Aitkin

Name	TRDS	Acres	Est Cost	Existing Protection?
Cedar Lake AMA	04727232	2	$2,000	Yes
Clear Lake	04625233	1	$15,000	Yes

Becker

Name	TRDS	Acres	Est Cost	Existing Protection?
Bad Medicine Lake AMA	14237205	15	$10,000	Yes
Bucks Mill AMA	13841231	66	$15,000	Yes
Detroit Lakes HQ AMA	13841208	40	$10,000	Yes
Floyd Lake	13941204	15	$5,000	Yes
Ida Island AMA	13843234	2	$7,000	Yes
Osage Pond and Straight Lake AMA	14036229	28	$15,000	Yes
Pickerel Lake AMA	13940209	4	$3,000	Yes
Solid Bottom Creek	14238206	4	$11,100	Yes
Straight River AMA	14036235	80	$20,000	Yes
Upper Cormorant Lake AMA	13843205	150	$40,000	Yes

Beltrami

Name	TRDS	Acres	Est Cost	Existing Protection?
Lake Bemidji AMA	14633215	5	$7,000	Yes
Little Turtle Lake AMA	14833216	12	$10,000	Yes
Preece Point AMA	14633230	15	$10,000	Yes
Turtle River	14831231	132	$565,000	Yes

Blue Earth

Name	TRDS	Acres	Est Cost	Existing Protection?
Ida Lake AMA	10528201	20	$20,000	Yes
Ida Lake AMA	10528212	3	$5,000	Yes

Carlton

Name	TRDS	Acres	Est Cost	Existing Protection?
Little Otter Creek AMA	04817207	12	$5,000	Yes

Cass

Name	TRDS	Acres	Est Cost	Existing Protection?
Ah Gwah Ching AMA	14131202	60	$12,000	Yes
Grassy Point AMA	13529221	10	$5,000	Yes
Hazel Lake AMA	14129225	94	$25,000	Yes
Pine River/Norway Lake	13829231	515	$120,000	Yes
Sand Lake	14029233	1	$15,000	Yes
Stoney Brook	13529208	13	$9,354	Yes
Upper Gull AMA	13529201	9	$7,000	Yes
Washburn AMA	13926217	1	$7,000	Yes
Webb Lake AMA	14030213	109	$25,000	Yes

Chippewa

Name	TRDS	Acres	Est Cost	Existing Protection?
Minnesota River	11639233	2	$40,000	Yes

Chisago

Name	TRDS	Acres	Est Cost	Existing Protection?
Sunrise Lake AMA	03420217	10	$1,000	Yes

Clay

Name	TRDS	Acres	Est Cost	Existing Protection?
Whiskey Creek	13746225	156	$33,300	Yes

Cook

Name	TRDS	Acres	EstCost	Existing Protection?
Kimball and Irish Creek	06202128	5	$8,000	Yes

Cottonwood

Name	TRDS	Acres	EstCost	Existing Protection?
Bingham Lake AMA	10525209	19	$10,000	Yes

Crow Wing

Name	TRDS	Acres	EstCost	Existing Protection?
Arrowhead Lake AMA	13728203	20	$4,000	Yes
Bertha-Moody Lake AMA	13528232	15	$0	Yes
Lower Hay AMA	13729225	3	$7,000	Yes
Pleasant Lake AMA	13727219	2	$5,000	Yes
Red Sand Lake	13329201	1	$68,000	Yes

Dakota

Name	TRDS	Acres	EstCost	Existing Protection?
Gores AMA	11517223	2	$3,500	Yes
South Br. Vermillion AMA	11418229	21	$15,000	Yes
Vermillion River AMA	11419223	5	$8,000	Yes

Douglas

Name	TRDS	Acres	EstCost	Existing Protection?
Crestwood Hills AMA	12837204	16	$10,000	Yes
Jessie Lake AMA	12837227	3	$8,000	Yes
Lake Geneva AMA	12837228	4	$8,000	Yes
Long Prairie R AMA	12938214	2	$5,000	Yes
Tegels Slough AMA	12836226	10	$8,000	Yes

Fairbault

Name	TRDS	Acres	EstCost	Existing Protection?
Blue Earth AMA	10428228	28	$30,000	Yes

Fillmore

Name	TRDS	Acres	EstCost	Existing Protection?
Etna Creek AMA	10213236	33	$23,500	Yes
So. Br. Root River	10310221	40	$65,000	Yes

Goodhue

Name	TRDS	Acres	EstCost	Existing Protection?
Gemini AMA	11217207	20	$5,000	Yes

Hubbard

Name	TRDS	Acres	EstCost	Existing Protection?
Straight River AMA	13935210	20	$12,000	Yes

Itasca

Name	TRDS	Acres	EstCost	Existing Protection?
Dixon Lake AMA	14829225	10	$2,000	Yes

Jackson

Name	TRDS	Acres	EstCost	Existing Protection?
Rush Lake AMA	10136202	39	$6,000	Yes

Kanabec

Name	TRDS	Acres	EstCost	Existing Protection?
Little Knife River AMA	04124221	60	$30,000	Yes

Kandiyohi

Name	TRDS	Acres	EstCost	Existing Protection?
Elizabeth Lake AMA	11833203	10	$5,000	Yes
Middle Lake AMA	12135209	3	$5,000	Yes
Norway Lake AMA	12135206	3	$5,000	Yes

LeSueur

Name	TRDS	Acres	EstCost	Existing Protection?
Savidge Lake AMA	11025220	13	$10,000	Yes
St Peter AMA	11026214	50	$15,000	Yes

Le Sueur

Name	TRDS	Acres	EstCost	Existing Protection?
Horseshoe Lake AMA	10923212	15	$15,000	Yes

Lincoln

Name	TRDS	Acres	Est Cost	Existing Protection?
Lake Benton AMA	10945203	22	$15,000	Yes
Stay Lake AMA	11144202	44	$7,000	Yes

Martin

Name	TRDS	Acres	Est Cost	Existing Protection?
Clam Lake AMA	10332210	7	$3,000	Yes

Meeker

Name	TRDS	Acres	Est Cost	Existing Protection?
Minnebelle Lake AMA	11832212	6	$3,000	Yes
North Fork Crow River AMA	12132224	10	$7,000	Yes
Thompson Lake AMA	11732217	20	$6,000	Yes

Morrison

Name	TRDS	Acres	Est Cost	Existing Protection?
McDougall AMA	03932229	30	$20,000	Yes

Olmsted

Name	TRDS	Acres	Est Cost	Existing Protection?
M Fk/So Br Zumbro River P2	10814218	0	$1,400,000	Yes

Otter Tail

Name	TRDS	Acres	Est Cost	Existing Protection?
Crane Lake outlet	13240225	1	$50,000	Yes
Dead River Walker Lake AMA	13440211	20	$13,000	Yes
Lizzie Lake AMA	13642207	2	$2,000	Yes

Pine

Name	TRDS	Acres	Est Cost	Existing Protection?
Barnes Spring AMA	04118212	30	$25,000	Yes
Big Pine Lake AMA	04321208	10	$4,000	Yes
Hinkley AMA	04121224	50	$12,500	Yes

Pope

Name	TRDS	Acres	Est Cost	Existing Protection?
Glenwood Headquarters AMA	12538202	5	$0	Yes

Redwood

Name	TRDS	Acres	Est Cost	Existing Protection?
Riverside AMA	11335220	212	$30,000	Yes
Sanborn AMA	10936227	33	$26,000	Yes
Whispering Ridge AMA	11436229	65	$63,500	Yes
Whispering Ridge AMA	11436232	65	$63,500	Yes

Rice

Name	TRDS	Acres	Est Cost	Existing Protection?
Cannon River AMA	10922223	2	$5,000	Yes
Sakatah Lake AMA	10922216	50	$4,000	Yes

Rock

Name	TRDS	Acres	Est Cost	Existing Protection?
Stephen AMA	10245211	33	$15,000	Yes

St. Louis

Name	TRDS	Acres	Est Cost	Existing Protection?
French River AMA	05213209	15	$10,000	Yes
French River AMA	05213215	9	$10,000	Yes
Lester River AMA	05213201	10	$10,000	Yes

Todd

Name	TRDS	Acres	Est Cost	Existing Protection?
Big Birch Lake AMA	13727219	1	$1,000	Yes
Little Swaw Lake AMA	12832203	5	$7,500	Yes

Wabasha

Name	TRDS	Acres	Est Cost	Existing Protection?
Miss. R. - Weaver Bottoms, P2	10913208	0	$500,000	Yes
Whitewater Way AMA	10812227	3	$1,100	Yes
Zumbro River AMA	10914222	2	$1,800	Yes

Winona

Name	TRDS	Acres	Est Cost	Existing Protection?
Coolridge Creek AMA	10509203	5	$5,000	Yes
Middle Fork Whitewater R	10710220	5	$300,000	Yes
Rush Creek	10508207	8	$30,000	Yes

Wright

Name	TRDS	Acres	Est Cost	Existing Protection?
Granite Lake AMA	12027230	1	$3,000	Yes

Section 2 - Protect Parcel List

Becker

Name	TRDS	Acres	Est Cost	Existing Protection?	Hunting?	Fishing?
Big Sugar Bush AMA	14140208	22	$300,000	No	Full	Full
Cotton Lake AMA	13940203	8	$890,000	No	Limited	Full
Maud Lake AMA Tract 2	13842221	24	$236,400	No	limited	Full
Maud Lake AMATract 3	13842228	13	$413,200	No	limited	Full
White Earth Lake AMA Tract 2	14240216	7	$209,200	No	limited	Full
Wolf Lake AMA	13937229	63	$295,400	No	Full	Full

Beltrami

Name	TRDS	Acres	Est Cost	Existing Protection?	Hunting?	Fishing?
Grace Lake AMA	14632232	13	$90,000	No	limited	Full

Cass

Name	TRDS	Acres	Est Cost	Existing Protection?	Hunting?	Fishing?
Washburn Lake AMA P2	13926205	7	$400,000	No	Full	Full

Crow Wing

Name	TRDS	Acres	Est Cost	Existing Protection?	Hunting?	Fishing?
Greenwood Lake AMA	13627218	137	$750,000	No	Full	Full
Roosevelt Lake AMA	13826204	105	$1,600,000	No	Full	Full
Round Lake AMA	13529236	3	$400,000	No	Limited	Full

Hubbard

Name	TRDS	Acres	Est Cost	Existing Protection?	Hunting?	Fishing?
Spider Lake AMA p2	14133228	67	$579,900	No	Full	Full

Itasca

Name	TRDS	Acres	Est Cost	Existing Protection?	Hunting?	Fishing?
Johnson Lake AMA	05726213	2	$16,000	No	Full	Full

Kandiyohi

Name	TRDS	Acres	Est Cost	Existing Protection?	Hunting?	Fishing?
Norway Lake AMA Tract 3	12135205	10	$180,600	No	limited	Full

Otter Tail

Name	TRDS	Acres	Est Cost	Existing Protection?	Hunting?	Fishing?
Dayton Hollow AMA p1	13243208	7	$149,800	No	Full	Full
Jolly Ann Lake AMA P1	13140217	96	$695,000	No	Full	Full
Otter Tail Lake AMA	13340202	175	$950,000	No	yes	Full
Otter Tail Lake AMA	13340202	175	$1,380,000	No	Full	Full
Rose Lake AMA Tract 1	13740221	60	$490,000	No	Full	Full

Section 2a - Protect Parcel with Bldgs

Becker

Name	TRDS	Acres	Est Cost	# Bldgs?	Bldg Imrpove Desc	Value of Bldg	Disposition of Improvements
Rock Lake AMA Tract 2	14040217	8	$350,000	1	Concrete silo	$0	Removal

Cass

Name	TRDS	Acres	EstCost	# Bldgs?	Bldg Imrpove Desc	Value of Bldg	Disposition of Improvements
Marshall Point AMA	14230227	59	$875,000	1	Garage	$40,000	Removal

Crow Wing

Name	TRDS	Acres	EstCost	# Bldgs?	Bldg Imrpove Desc	Value of Bldg	Disposition of Improvements
Hamlet Lake AMA	04628227	27	$300,000	1	Shed	$200	Demolish

Section 3 - Other Parcel Activity

No parcels with an other activity type.

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 Shorline:	1700 (Linear Feet)
Name of Adjacent Body of Water (if applicable):	Norway Lake
Has there been signage erected at the site:	Yes
Total cost of Restoration/Enhancement:	$180,600
Annual Reporting Organization Name:	MN DNR
Purchase Date:	August 29, 2014
Purchase Price:	$215,000
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: 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 Shorline:	2300 (Linear Feet)
Name of Adjacent Body of Water (if applicable):	Rock Lake
Has there been signage erected at the site:	Yes
Total cost of Restoration/Enhancement:	$350,000
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
Purchase Price:	$290,900

Completed Parcel: Solid Bottom Creek

# of Total Acres:	4
County:	Becker
Township:	142
Range:	38
Direction:	2
Section:	06
# of Acres: Wetlands/Upland:	
# of Acres: Forest:	
# of Acres: Prairie/Grassland:	
Amount of Shorline:	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: 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 Shorline:	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

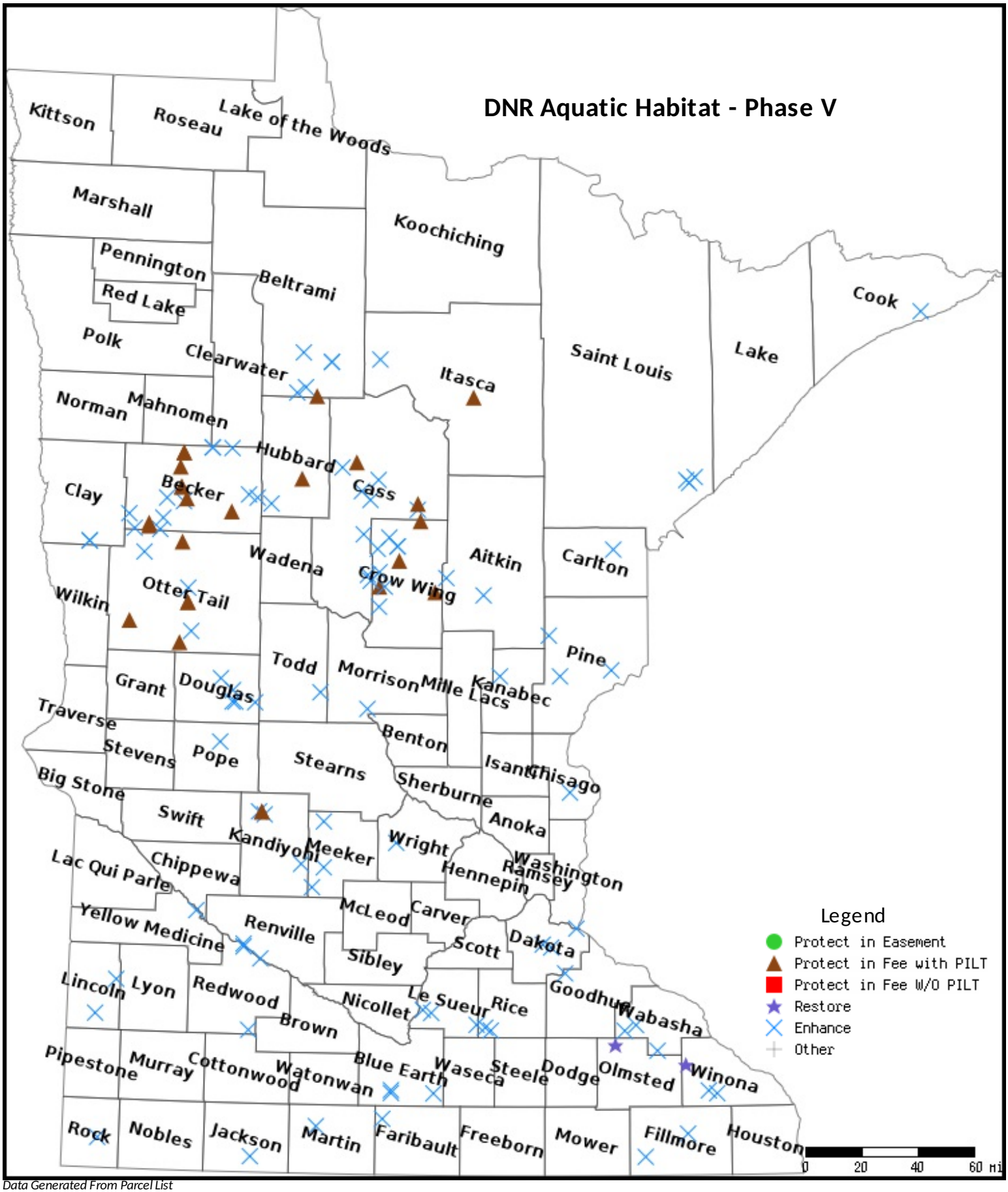
Completed Parcel: Whiskey Creek

# 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 Shorline:	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 Shorline:	1440 (Linear Feet)
Name of Adjacent Body of Water (if applicable):	White Earth Lake
Has there been signage erected at the site:	Yes
Total cost of Restoration/Enhancement:	$209,200
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
Purchase Price:	$370,000
Appraised Value:	$370,000
Professional Service Costs:	$25,734
Assessed Value:	$110,300
Total Project Cost:	$370,000
Property Managed By:	DNR - Aquatic Management Area -
Name of the unit area or location government unit or land manager:	MN DNR

Parcel Map



Data Generated From Parcel List