

**2011 Project Abstract**

For the Period Ending June 30, 2014

**PROJECT TITLE:** HCP VII - Restoration & Management - DNR Fisheries (2h)

**PROJECT MANAGER:** Linda Erickson-Eastwood

**AFFILIATION:** MN DNR

**MAILING ADDRESS:** 500 Lafayette Road

**CITY/STATE/ZIP:** St. Paul, MN 55155-4020

**PHONE:**651-259-5206

**E-MAIL:**linda.erickson-eastwood@state.mn.us

**WEBSITE:** <http://www.dnr.state.mn.us/index.html>

**FUNDING SOURCE:** Environment and Natural Resources Trust Fund

**LEGAL CITATION:** M.L. 2011, First Special Session, Chp. 2, Art.3, Sec. 2, Subd. 04j2h

**APPROPRIATION AMOUNT: \$200,000**

**Overall Project Outcome and Results**

Efforts completed under this project consisted of improving water quality and fish/wildlife habitat by installing aeration systems in two waterbodies (Loon and Swansen Lakes in Waseca and Kandiyohi cos), creating and restoring a wetland (Horseshoe Lake in LeSueur Co.), stream improvement to reduce erosion (Hawk Creek in Kandiyohi Co.), and putting in a carp barrier (Diamond/Hubbard Lake in Kandiyohi Co). A total of 2,521 acres or 21 miles of shoreline were modified during this phase to create better fishing. Citizens of the state of Minnesota benefit from these projects by having a better fish community structure that is sustainable by natural reproduction. This then creates better fishing and recreation available in high priority waterbodies in the SW portion of the state. All of the projects were completed by June 30, 2014.

**Project Results Use and Dissemination**

As projects were completed the Department had press releases that were sent out to the local media. We also had an open house/tour for the local public who wished to visit those projects.



**Environment and Natural Resources Trust Fund (ENRTF)  
M.L. 2011 Work Plan Main Document**

**Date of Status Update:** Final Report  
**Date of Next Status Update:** Project Completed  
**Date of Work Plan Approval:** 6/23/2011  
**Project Completion Date:** 6/30/2014 **Is this an amendment request? \_No**

**Project Title: HCP VII - Restoration & Management - DNR Fisheries (2h)**

**Project Manager:** Linda Erickson-Eastwood  
**Affiliation:** MN DNR  
**Address:** 500 Lafayette Rd, Box 20  
**City:** St Paul **State:** MN **Zipcode:** 55155

**Telephone Number:** (651) 259-5206  
**Email Address:** linda.erickson-eastwood@state.mn.us  
**Web Address:** http://www.dnr.state.mn.us

**Location:**

**Counties Impacted:** Statewide

**Ecological Section Impacted:** Lake Agassiz Aspen Parklands (223N), Minnesota and Northeast Iowa Morainal (222M), North Central Glaciated Plains (251B), Northern Minnesota and Ontario Peatlands (212M), Northern Minnesota Drift and lake Plains (212N), Northern Superior Uplands (212L), Paleozoic Plateau (222L), Red River Valley (251A), Southern Superior Uplands (212J), Western Superior Uplands (212K)

<b>Total ENRTF Project Budget:</b>	<b>ENRTF Appropriation \$:</b>	200,000
	<b>Amount Spent \$:</b>	<u>200,000</u>
	<b>Balance \$:</b>	<b>0</b>

**Legal Citation:** M.L. 2011, First Special Session, Chp. 2, Art.3, Sec. 2, Subd. 04j2h

**Appropriation Language:**

\$1,737,000 the first year and \$1,738,000 the second year are from the trust fund to the commissioner of natural resources for the acceleration of agency programs and cooperative agreements. Of this appropriation, \$125,000 the first year and \$125,000 the second year are to the commissioner of natural resources for agency programs and \$3,225,000 is for agreements as follows: \$637,000 the first year and \$638,000 the second year with Ducks Unlimited, Inc.; \$38,000 the first year and \$37,000 the second year with Friends of Detroit Lakes Wetland Management District; \$25,000 the first year and \$25,000 the second year with Leech Lake Band of Ojibwe; \$225,000 the first year and \$225,000 the second year with Minnesota Land Trust; \$200,000 the first year and \$200,000 the second year with Minnesota Valley National Wildlife Refuge Trust, Inc.; \$242,000 the first year and \$243,000 the second year with Pheasants Forever, Inc.; and \$245,000 the first year and \$245,000 the second year with The Trust for Public Land to plan, restore, and acquire fragmented landscape corridors that connect areas of quality habitat to sustain fish, wildlife, and plants. The United States Department of Agriculture, Natural Resources Conservation Service, is an authorized cooperating partner in the appropriation. Expenditures are limited to the project corridor areas as defined in the work program. Land acquired with this appropriation must be sufficiently improved to meet at least minimum habitat and facility management standards, as determined by the commissioner of natural resources. This appropriation may not be used for the purchase of habitable residential structures, unless expressly approved in the work program. All conservation easements must be perpetual and have a natural resource management plan. Any land acquired in fee title by the commissioner of natural resources with money from this appropriation must be designated as an outdoor recreation unit under Minnesota Statutes, section 86A.07. The commissioner may similarly designate any lands acquired in less than fee title. A list of proposed restorations and fee title and easement acquisitions must be provided as part of the required work program. An entity who acquires a conservation easement with appropriations from the trust fund must have a long-term stewardship plan for the easement and a fund established for monitoring and enforcing the agreement. Money appropriated from the trust fund for easement acquisition may be used to establish a monitoring, management, and enforcement fund as approved in the work program. An annual financial report is required for any monitoring, management, and enforcement fund established,

including expenditures from the fund. This appropriation is available until June 30, 2014, by which time the project must be completed and final products delivered.

**I. PROJECT TITLE: : HCP7-2h Restoration & Management–DNR Fisheries**

**II. PROJECT SUMMARY:** This project will include administering and managing aquatic restoration and habitat improvement work that will be done on public areas and provide technical advice for private land work. Lake management plans and project proposals are drafted for each water body that direct the work that is needed to be done at that site. Existing sites will be assessed by area fisheries staff. The results of this review will be prioritized by regional and central office staff and will be looked at in reference to the work that is being done by others in the HCP Partnership. Once this prioritized list of projects is completed, then area staff will implement the needed actions through contracts and use of temporary staff as needed. There will be up to 3.5 miles or 35 acres of rivers, streams, or lakes benefited from this proposal. Through these combined efforts we are improving and protecting habitat for aquatic species in our lakes, streams, and their surrounding sensitive shorelands more effectively and efficiently than would otherwise be possible.

**III. PROJECT STATUS UPDATES:**

**Project Status as of December 2011:** Nothing to report

**Project Status as of June 2012:** A number of projects were completed and funded with other funds due to issues with loading budgets using the new accounting system SWIFT. We have two projects that are currently in the design stage or just about to be bid: two aeration systems for Swenson Lake (Kandiyohi Co) and the Lake Washington (LeSuer Co) culvert modification. We also have joined forces with the Section of Wildlife to help fund the Diamond/Hubbard Lake (Kandiyohi Co.) barrier. The barrier project is currently being designed/bid and will be implemented this summer.

**Project Status as of December 2012:** A number of projects were completed and funded with other funds due to issues with loading budgets using the new accounting system SWIFT.

- The two aeration systems for Swenson Lake have been purchased and will be installed on Swenson Lake during the winter of 2012-13. The aeration units will affect 109 acres of water.
- During the engineering phase of the Lake Washington (LeSuer Co) culvert modification, it was determined this project was on private land and could not be funded with these funds.
- Horseshoe Lake AMA in LeSuer County (Habitat Corridor #10) was added when the Lake Washington project was discontinued. We are presently doing a Joint Powers Agreement between the State and the South Central Technical Service Area for the engineering portion of the wetland restoration project. The project will restore approximately 2.5 acres of wetlands on the 85 acre AMA. The entire project will be completed by July 1, 2013.
- Construction of the Diamond/Hubbard Lake Fish Barrier (Kandiyohi County) is substantially complete. The innovative design of this structure utilizes perforated aluminum pipes and a rip-rap mound that serve as a barrier for carp passage from Diamond Lake into Hubbard Lake and the rest of the shallow lakes in the chain. It is anticipated that this structural barrier coupled with periodic winter kills of carp in these shallow lakes will enhance aquatic vegetation, water quality, and wildlife habitat conditions. The watershed area affected by this barrier is approximately 13.6 acres. The barrier will provide protection to approximately 450 acres of water.

**Project Status as of June 2013:** A number of projects were completed, dropped, out for bid, or funded with other funds.

- Diamond/Hubbard Lake Fish Barrier (Kandiyohi County) was completed.
- Lake Washington Culvert Project was discontinued.
- Horseshoe Lake AMA, Loon Lake Aeration, and Hawk Creek Corridor projects are being bid.
- Waterville AMA Invasive Control was funded from another source so no longer on the LCCMR list

**Project Status as of December 2013:**

- Horseshoe Lake AMA was seeded in November of 2013
- Loon Lake Aeration project was completed.
- Hawk Creek Corridor Project is in progress.

- Waterville AMA Invasive Control was funded from another source

**Project Status as of June 30, 2014:**

- Horseshoe Lake AMA was completed in December 2013.
- Hawk Creek Corridor Project was completed in June 2014.

**Final Report Summary –**

**Overall Project Outcome and Results**

Efforts completed under this project consisted of improving water quality and fish/wildlife habitat by installing aeration systems in two waterbodies (Loon and Swansen Lakes in Waseca and Kandiyohi cos), creating and restoring a wetland (Horseshoe Lake in LeSueur Co.), stream improvement to reduce erosion (Hawk Creek in Kandiyohi Co.), and putting in a carp barrier (Diamond/Hubbard Lake in Kandiyohi Co). A total of 2,521 acres or 21 miles of shoreline were modified during this phase to create better fishing. Citizens of the state of Minnesota benefit from these projects by having a better fish community structure that is sustainable by natural reproduction. This then creates better fishing and recreation available in high priority waterbodies in the SW portion of the state. All of the projects were completed by June 30, 2014.

**Project Results Use and Dissemination**

As projects were completed the Department had press releases that were sent out to the local media. We also had an open house/tour for the local public who wished to visit those projects.

**IV. PROJECT ACTIVITIES AND OUTCOMES:**

**ACTIVITY 1: Restoration**

**Description:** Aquatic habitat work may include but is not limited to invasive control to restore or reestablish habitats impacted by them, stream channel restorations, installation of aeration systems, spawning area development, dam modifications, bank stabilization, plantings of native vegetation, fish barrier installation projects that occur adjacent to or in lakes and streams, and erosion control, and culvert improvements for fish passage. Also included will be monies to pay for surveys, engineering design, and legal assistance. Temporary project staff or intermittent labor will be hired as needed to implement aquatic habitat improvements. Cultural and environmental reviews in addition to necessary permits will be completed as required.

**Summary Budget Information for Activity 1:**

**ENRTF Budget: \$ 200,000**  
**Amount Spent: \$ 200,000**  
**Balance: \$ 0**

**Activity Completion Date:**

<b>Outcome</b>	<b>Completion Date</b>	<b>Budget</b>
1. 3.5 miles or 35 acres of waterbodies benefited from habitat work such as the following projects	June 2013	\$200,000.00
1. Crocker Creek near Faribault Shoreland Habitat --- done already with other funds	NA	\$0.00
2. Swenson Lake Aeration Kandiyohi County --- 2 -- \$15,713	Sept 2012	\$15,713.00
3. Diamond/Hubbard Lake Fish Barrier Kandiyohi County -- \$72,000	Nov 2012	\$65,973.40
4. Wakanda Lake Shoreland Habitat Kandiyohi County --- done with other funds	NA	\$0.00
5. Eagle Lake Shoreland Habitat Otter Tail County --- done already with other funds	NA	\$0.00
6. Hattie Lake Aeration – Stevens Coty --- done with other funds	NA	\$0.00
7. Lake Washington Culvert LeSueur Co. --- \$50,000		\$0.00
8. Technical Assistance on aquatic habitat work	Ongoing	\$0.00
9. Horseshoe Lake AMA, LeSueur Co. -- \$82,000	Nov 2013	\$65,589.00
10. Waterville AMA Invasive control--- done with other funds	NA	\$0.00
11. Loon Lake aeration – Waterville	July 2013	\$9,990
12. Hawk Creek Corridor – Kandiyohi Co - Spicer	June 2014	\$63,499

**Activity Status as of December 2011:** Nothing to report

**Activity Status as of June 2012:**

1. Crocker Creek Shoreland Habitat (near Faribault) --- Completed fall of 2011 with other funds. Professional services costs covered by this funding.
2. Swenson Lake Aeration (Kandiyohi County) --- Two aeration units have been purchased and will be installed this summer -- \$14,748.75
3. Diamond/Hubbard Lake Fish Barrier (Kandiyohi County) – Working with partners to finish the design and get bids. Anticipate starting construction this summer at a cost of \$72,000.
4. Wakanda Lake Shoreland Habitat (Kandiyohi County) --- Completed spring of 2011 with other funds. Professional services costs covered by this funding
5. Eagle Lake Shoreland Habitat (Otter Tail County) --- Completed spring of 2011 with other funds. Professional services costs covered by this funding
6. Hattie Lake Aeration (Stevens County) --- Purchased prior to getting these funds, so no longer part of the project.
7. Lake Washington Culvert (LeSuer County) --- Have requested design work and will bid this summer. Installation to occur this fall or winter. Anticipated costs of \$50,000 as our share to do the work. Additional costs and continued maintenance to be done by partners.
8. Technical Assistance on aquatic habitat work --- Nothing to report at this time.
9. Professional Services have been made in the amount of \$5,000 to date.

**Activity Status as of December 2012:**

2. Swenson Lake Aeration --- Aeration systems were purchased and will be installed this winter.
3. Diamond/Hubbard Lake Fish Barrier (Kandiyohi County) – Work on this construction project is complete. Total contract cost was \$65,973. Total cost to date for DNR engineering professional services during the construction phase was \$4,251. Due to a delay in invoicing, there will be one additional invoice from DNR engineering in January 2013. Anticipated final project cost is \$72,000.
7. Lake Washington Culvert --- Staff worked with the landowners and county to try and secure the land in public ownership. After a lot of discussions, it was determined that the project was not going to be able to go forward since the land was going to stay in private ownership. The resources are now being used to move the Horseshoe Lake AMA wetland restoration project forward.
10. Horseshoe Lake AMA -- Horseshoe Lake AMA is in the LCCMR Habitat Corridor #10. A Joint Powers Agreement is being drawn up to have the South Central Technical Service Area finish the engineering on the project. Bids should go out in late December and awarded in January. The project will be completed by June 30, 2013.

**Activity Status as of May 2013:**

2. Swenson Lake Aeration --- Aeration systems were purchased and will be installed this winter.
3. Diamond/Hubbard Lake Fish Barrier (Kandiyohi County) – Work on this construction project is complete. Total contract cost was \$65,973. Total cost to date for DNR engineering professional services during the construction phase was \$4,251. Due to a delay in invoicing, there will be one additional invoice from DNR engineering in January 2013. Anticipated final project cost is \$72,000.
7. Lake Washington Culvert --- Staff worked with the landowners and county to try and secure the land in public ownership. After a lot of discussions, it was determined that the project was not going to be able to go forward since the land was going to stay in private ownership. The resources are now being used to move the Horseshoe Lake AMA wetland restoration project forward.
9. Horseshoe Lake AMA -- Horseshoe Lake AMA is in the LCCMR Habitat Corridor #10. The South Central Technical Service Area finished the engineering plans and the bids should be awarded by mid-May and the final project should be completed by June 30, 2013.

10. Waterville AMA Invasive Control – Project was funded from another source so no longer on the LCCMR list
11. Loon Lake Aeration – Business office has sent out the project for bids. Project should be completed by June 30, 2013.
12. Hawk Creek Corridor – In the process of obtaining bids. Should be done by June 30, 2013.

**Activity Status as of December 2013:**

9. Horseshoe Lake AMA -- Horseshoe Lake AMA is in the LCCMR Habitat Corridor #10. The South Central Technical Service Area finished the engineering plans and the bid was awarded. The primary construction was finished by July, 2013 and the dormant seeding was completed in November, 2013. Final payment should be made by January, 2013.

11. Loon Lake Aeration – Project was completed by July 30, 2013.
12. Hawk Creek Corridor – In the process of obtaining bids. Project will be completed by June, 2014.

**8/1/2014** - Amendment Request - This is a request to retroactively approve shifting of funds between categories to reflect how funds were spent.

Amendment Approved retroactively by LCCMR 8-25-2014

**Final Report Summary:**

Citizens of the state of Minnesota benefit from these projects by having a better fish community structure that is sustainable by natural reproduction. This then creates better fishing and recreation available in high priority waterbodies in the SW portion of the state. All of the projects were completed by June 30, 2014. The projects consisted of improving water quality and fish/wildlife habitat by installing aeration systems in two waterbodies (Loon and Swansen Lakes in Waseca and Kandiyohi cos), create and restore a wetland (Horseshoe Lake in LeSueur Co.), stream improvement to reduce erosion (Hawk Creek in Kandiyohi Co.), and put in a carp barrier (Diamond/Hubbard Lake in Kandiyohi Co). A total of 2,521 acres or 21 miles of shoreline were modified during this phase to create better fishing. See details in table below.

#	Acquisition or Restoration Parcel Name	Geographic Coordinates		Estimated Cost	Estimated Annual PILT Liabilities	County	Ecological Significance	Activity Description	# of Acres	# of Shoreline Miles	Type of Landowner	Proposed Fee Title or Easement Holder (if applicable)	Status
		Format: [Deg.]° [Min.]' [Sec.]" [Hemis.]	Latitude										
	Diamond/Hubbard Lake Fish Barrier Kandiyohi County	45° 10' 18.1"N	94° 49' 17.1"E	\$ 65,973	\$ -	Kandiyohi	Improve water quality and fish/wildlife habitat by preventing carp from entering wetland complex which drains into Public Fishing Lake	Install Fish Barrier	2,200	17	Private	DNR Fisheries Fish Trap Easement	Completed 12/4/12
	Swenson Lake Aeration Kandiyohi County	45° 16' 17.7"N	95° 8' 10.2"E	\$ 15,713	\$ -	Kandiyohi	Prevent Winterkill in Public Fishing Lake	Install Surface Aerators	109	2	Public	NA	Completed 6/24/12
	Hawk Creek Headwaters Project	45° 10' 18"N	95° 0' 42.7"E	\$ 63,499	\$ -	Kandiyohi	Reduce erosion, enhance stream channel formation, improve habitat	Stream Restoration	2	0.6	Public	DNR Waters Dam/Fisheries Fish Trap Easement	Completed by 6/30/14
2	Horseshoe Lake AMA	44° 15' 47.1"N	93° 32' 31.6"E	\$ 64,589	\$ 7,275	LeSueur	Wetland Creations/Restoration	Wetland Creation/Restoration	85.2	1	AMA		Completed 12/30/13
	Loon Lake Aeration	44° 4' 52.9"N	93° 31' 6.0"E	\$ 9,990	\$ -	Waseca	Sustainable Urban Fishery	Aeration	125	N/A	City of Waseca		Completed 6/7/13

**V. DISSEMINATION:**

**Description:** Accomplishment Reports and press releases will be made available at <http://www.mnhabitatcorridors.org>

**Status as of June 2012:** Nothing done at this time.

**Status as of June 2013:** Those projects that were completed had press releases that were sent out to the local media. We also had an open house/tour for the local public who wished to visit those projects that have been completed.

**Status as of December 2013:** Nothing to report

**Final Report Summary:**

Citizens of the state of Minnesota benefit from these projects by having a better fish community structure that is sustainable by natural reproduction. This then creates better fishing and recreation available in high priority waterbodies in the SW portion of the state. All of the projects were completed by June 30, 2014. The projects consisted of improving water quality and fish/wildlife habitat by installing aeration systems in two waterbodies (Loon and Swansen Lakes), create and restore a wetland (Horseshoe Lake), stream improvement to reduce erosion (Hawk Creek), and put in a carp barrier (Diamond/Hubbard Lake). A total of 2,521 acres or 21 miles of shoreline were modified during this phase.

**VI. PROJECT BUDGET SUMMARY:**

**A. ENRTF Budget:**

<b>Budget Category</b>	<b>\$ Amount</b>	<b>Explanation</b>
Personnel:	\$ 0	Two student workers to work each summer and contract the DNR Construction crew and SE Habitat crews as needed ---- Change: We did not use any outside staff paid from these funds to do this work. Moved to actual implementation of projects.
Professional/Technical Contracts:	\$6,975	Historical/cultural review contract with Historical Society, engineering, design work ---- Change: Did not require as much PT so moved \$13,025 to implementation of projects
Service Contracts	\$163,425	Private contractors as per state bid process --- \$20,000 moved from personnel to this category. Moved \$13,025 from PT to this category. Moved \$400 from PS to this category. Moved \$2,000 from travel to this category
Equipment/Tools/Supplies:	\$20,000	For materials like rocks and plants, fleet, and equipment rentals. Also up to two aeration systems
Professional Services for Habitat Work:	\$9,600	Engineering, designs, boundary work, AG office Change: Did not need as much PS so moved \$400 to implementation of projects.
Travel Expenses in MN:	\$0	Change: Did not use these funds for this cost, so moved them to implementation of projects.
<b>TOTAL ENRTF BUDGET:</b>	<b>\$200,000</b>	

**Explanation of Use of Classified Staff:**

Seasonal DNR construction crew and SE Habitat crews are called back annually if specific project funding is available. The work they would do if used on these projects would be development of project specifications for bid packages, oversee engineering designs, heavy equipment operator work, approval of contracted work, and maintenance reviews.

**Explanation of Capital Expenditures Greater Than \$3,500:** NA

**Number of Full-time Equivalent (FTE) funded with this ENRTF appropriation:** 1.25 FTE

**B. Other Funds:**

Source of Funds	\$ Amount Proposed	\$ Amount Spent	Use of Other Funds
Non-state			
	\$	\$	
State			
	\$10,000	\$0	Shared services
<b>TOTAL OTHER FUNDS:</b>	<b>\$</b>	<b>\$</b>	

**VII. PROJECT STRATEGY:**

**A. Project Partners:**

Minnesota DNR Division of Fisheries and Wildlife staff – Site identification and evaluation, project prioritization, project design and oversight and some project implementation.

HCP Partners working in the same area to coordinate efforts

Local lake associations, lake improvement districts and sportsman’s groups – Design assistance, labor and equipment, electricity costs, and leases.

**B. Project Impact and Long-term Strategy:** This project will help protect and upgrade habitat improvement on disturbed water bodies and will look at ways to partner with others local units of government to address watershed issues that are beyond the scope of the Department. It will also provide increased fishing opportunities and improved water quality to support game fish populations and other wildlife. It is important to the economy and way of life in Minnesota to ensure that the Department can continue to provide quality fishing and fishing opportunities around the state. In the future additional funds will be needed to continue to maintain and upgrade these important habitat resources. Sources of funding beyond LCCMR will be looked at including license fees, stamp fees, Midwest Glacial lakes Partnership, National Fish and Wildlife Foundation, LCCMR, and LSOHC funds.

**C. Spending History:**

Funding Source	M.L. 2005 or FY 2006-07	M.L. 2007 or FY 2008	M.L. 2008 or FY 2009	M.L. 2009 or FY 2010	M.L. 2010 or FY 2011
ETF	200,000	100,000	50,000	50,000	100,000
Trout Stamp	261,000	150,000	207,000	107,000	
Game and Fish	300,000	394,000	250,000	200,000	

**VIII. ACQUISITION/RESTORATION LIST:** see above and as separate file

**IX. MAP(S):** see attached separate file

**X. RESEARCH ADDENDUM:** NA

**XI. REPORTING REQUIREMENTS:**

Periodic work plan status update reports will be submitted not later than December 30, 2011, June 30, 2012, December 30, 2012, June 30, 2013, and December 30, 2013. A final report and associated products will be submitted between June 30 and August 1, 2014 as requested by the LCCMR.



Attachment A: Budget Detail for M.L. 2011 (FY 2012-14) Environment and Natural Resources Trust Fund Projects			
Project Title: HCP7-2h Restoration & Management–DNR Fisheries			
Legal Citation: M.L. 2011, First Special Session, Chp. 2, Art.3, Sec. 2, Subd. 04j2h			
Project Manager: Linda Erickson-Eastwood			
M.L. 2011 (FY 2012-14) ENRTF Appropriation: \$ 200,000			
Project Length and Completion Date: June 30, 2014			
Date of Update: August 1, 2014			
This update reflects a retroactive request to move monies between categories to reflect how it was spent.			
ENVIRONMENT AND NATURAL RESOURCES TRUST FUND BUDGET	Activity 1 Budget	Amount Spent	Balance
<b>BUDGET ITEM</b>	<b>Restoration</b>		
<b>Personnel (Wages and Benefits)</b>			
Position/Position Type 1 Two student workers to work each summer (unclassified) No benefits	0		0
Position/Position Type 2 DNR Habitat Crews: Seasonal DNR construction crew and SE Habitat crews (classified) as needed. Total of 0.25 FTE. No benefits.	0		0
<b>Professional/Technical Contracts</b> Historical Society to do cultural reviews State Purchasing low bidder for design work, engineering, etc	6,975	6,975	0
<b>Service contracts</b> State Purchasing low bidder for specific work to install habitat projects	163,425	163,425	0
<b>Equipment/Tools/Supplies</b> Two aeration systems Rock or other materials Plants	20,000	20,000	0
<b>Capital equipment over \$3,500</b> <i>(List specific items. Add rows as needed.)</i>			
<b>Fee Title Acquisition</b>			
<b>Easement Acquisition</b>			
<b>Professional Services for Habitat Work</b>	9,600	9,600	0
<b>Printing</b>			
<b>Travel expenses in Minnesota</b> <i>Mileage, lodging, meals as per state contract language.</i>			0
<b>Other</b> <i>(Describe the activity and cost - be specific)</i>			
<b>COLUMN TOTAL</b>	<b>\$200,000</b>	<b>\$200,000</b>	<b>\$0</b>

**Environment and Natural Resources Trust Fund  
M.L. 2011 Acquisition/Restoration List**

**INSTRUCTIONS:**

1. Fill in "Project Title", "Project Manager Name", and "M.L. 2011 ENRTF Appropriation" below.
2. For each individual acquisition or restoration parcel that is being considered as possible/proposed under this appropriation, please indicate a parcel name, geographic coordinates, estimated cost, estimated annual PILT liabilities, ecological significance, activity description, # of acres, # of shoreline miles (if applicable), proposed final holder of any fee title or conservation easement, and status. One row per individual land parcel. Add or delete rows as necessary.
3. Use the "Notes" section at the bottom of the page to provide any additional information pertaining to the acquisition list. If there is any requested information you are unable to provide for any of the parcels, please provide an explanation here.
4. Delete this row containing these instructions and any unused rows before submission.

Columns

**#:** Number each parcel 1 through the total number of parcels.

**Acquisition or Restoration Parcel Name:** Provide a working title or name used to identify each parcel/restoration area.

**Geographic Coordinates:** Provide latitude and longitude coordinates for the location of the parcel - preferably the center of the parcel (centroid). Provide latitude and longitude coordinates for the location of the parcel - preferably the center of the parcel (centroid). Coordinates should be in the format: [Degrees]° [Minutes]' [Seconds]" [Hemisphere].

**Estimated Cost:** Provide an estimated cost for the parcel.

**Estimated Annual PILT Liabilities:** If an acquisition will result in payment-in-lieu-of-taxes (PILT) liabilities for the state to a local government, provide an estimated annual cost of those liabilities. Otherwise indicate "N/A".

**County:** County in which the parcel is located.

**Ecological Significance:** Indicate the type of ecosystem that exists on a parcel (e.g., prairie, forest, wetland, savanna) and provide a description of the ecological significance particular to the parcel.

**Activity Description:** Provide a description of the activity or activities to occur on the parcel (e.g., fee title acquisition, conservation easement acquisition, site preparation, removal of woody vegetation). For conservation easements indicate whether the easement would be donated or purchased.

**# of Acres:** Indicate the size of the parcel to be acquired or restored in acres.

**# of Shoreline Miles (if applicable):** If applicable, indicate the number of shoreline miles being impacted.

**Type of Landowner:** Indicate the type of current landowner (e.g., private individual/trust, non-profit organization, for-profit entity)

**Proposed Fee Title or Easement Holder (if applicable):** For land acquisition, indicate the organization or entity that will hold title of lands once acquired.

**Status:** Indicate the status of the parcel (e.g., engaged in landowner negotiations, no longer in consideration, restoration activities underway). Update the status as it changes over the course of the appropriation.

**Project Title:** HCP VII - Restoration & Management - DNR Fisheries (2h)

**Legal Citation:** M.L. 2011, First Special Session, Chp. 2, Art.3, Sec. 2, Subd. 04j2h

**Project Manager:** Linda Erickson-Eastwood

**Organization:** MN DNR

**M.L. 2011 ENRTF Appropriation:** \$ 200,000

**Project Length and Completion Date:** 3 Years, June 30, 2014

**Date of Report:** August 2014

#	Acquisition or Restoration Parcel Name	Geographic Coordinates Format: [Deg.]° [Min.]' [Sec.]" [Hemis.]		Estimated Cost	Estimated Annual PILT Liabilities	County	Ecological Significance	Activity Description	# of Acres	# of Shoreline Miles	Type of Landowner	Proposed Fee Title or Easement Holder (if applicable)	Status
		Latitude	Longitude										
1	Diamond/Hubbard Lake Fish Barrier Kandiyohi County	45° 10' 18.1"N	94° 49' 17.1"E	\$ 65,973	\$ -	Kandiyohi	Improve water quality and fish/wildlife habitat by preventing carp from entering wetland complex which drains into Public Fishing Lake	Install Fish Barrier	2,200	17	Private	DNR Fisheries Fish Trap Easement	Completed 12/4/12
2	Swenson Lake Aeration Kandiyohi County	45° 16' 17.7"N	95° 8' 10.2"E	\$ 15,713	\$ -	Kandiyohi	Prevent Winterkill in Public Fishing Lake	Install Surface Aerators	109	2	Public	NA	Completed 6/24/12
3	Hawk Creek Headwaters Project	45° 10' 18"N	95° 0' 42.7"E	\$ 63,499	\$ -	Kandiyohi	Reduce erosion, enhance stream channel formation, improve habitat	Stream Restoration	2	0.6	Public	DNR Waters Dam/Fisheries Fish Trap Easement	Completed by 6/30/14
4	Horshoe Lake AMA	44° 15' 47.1"N	93° 32' 31.6"E	\$ 64,589	\$ 7,275	LeSueur	Wetland Creations/Restoration	Wetland Creation/Restoration	85.2	1	AMA		Completed 12/30/13
5	Loon Lake Aeration	44° 4' 52.9"N	93° 31' 6.0"E	\$ 9,990	\$ -	Waseca	Sustainable Urban Fishery	Aeration	125	N/A	City of Waseca		Completed 6/7/13
6	Diamond/Hubbard Lake Fish Barrier Kandiyohi County	45° 10' 18.1"N	94° 49' 17.1"E	\$ 65,973	\$ -	Kandiyohi	Improve water quality and fish/wildlife habitat by preventing carp from entering wetland complex which drains into Public Fishing Lake	Install Fish Barrier	2,200	17	Private	DNR Fisheries Fish Trap Easement	Completed 12/4/12
7	Swenson Lake Aeration Kandiyohi County	45° 16' 17.7"N	95° 8' 10.2"E	\$ 15,713	\$ -	Kandiyohi	Prevent Winterkill in Public Fishing Lake	Install Surface Aerators	109	2	Public	NA	Completed 6/24/12
8	Hawk Creek Headwaters Project	45° 10' 18"N	95° 0' 42.7"E	\$ 63,499	\$ -	Kandiyohi	Reduce erosion, enhance stream channel formation, improve habitat	Stream Restoration	2	0.6	Public	DNR Waters Dam/Fisheries Fish Trap Easement	Completed by 6/30/14
9	Horshoe Lake AMA	44° 15' 47.1"N	93° 32' 31.6"E	\$ 64,589	\$ 7,275	LeSueur	Wetland Creations/Restoration	Wetland Creation/Restoration	85.2	1	AMA		Completed 12/30/13
10	Loon Lake Aeration	44° 4' 52.9"N	93° 31' 6.0"E	\$ 9,990	\$ -	Waseca	Sustainable Urban Fishery	Aeration	125	N/A	City of Waseca		Completed 6/7/13

**NOTES:**

# LCCMR Phase 7 Acquisitions or Restorations

