

## LCCMR Work Program Final Report

### Restoring Minnesota's Fish and Wildlife Habitat Corridors Phase 3 Habitat Conservation Partnership

#### 2D: Shallow Lakes Management - MN DNR - Division of Wildlife

**Project Manager:** Ray Norrgard **Fund:** Environment and Natural Resources Trust Fund

**Affiliation:** MN DNR - Division of Wildlife

**Address:** 500 Lafayette Rd.  
St. Paul, MN 55155 **Legal Citation:** ML 2005 First Special Section,  
Ch. 1, Art. 2, Sec. 11 Subd. 5a

**Phone:** (651) 259-5227

**E-mail:** ray.norrgard@dnr.state.mn.us

#### Total Biennial Project Budget

Result	Environmental Trust Fund	Environmental Trust Funds Spent	Environmental Trust Balance	Other Funds Proposed	Other Funds Spent
Restoration	\$98,000.00	\$98,000.00	\$0.00	\$0.00	\$0.00
<b>Total</b>	\$98,000.00	\$98,000.00	\$0.00	\$0.00	\$0.00

#### Work Program Summary

##### Overall Project Outcome and Results

The Minnesota Department of Natural Resources, Division of Fish and Wildlife applied the funding to support 1 temporary full time equivalent Natural Resource Specialist (wildlife) and six interns to address identified information gaps in shallow lake habitat occurrence and quality through onsite lake surveys, design of restoration projects, and managing water levels, reducing undesirable fish, constructing fish barriers, and establishing beneficial vegetation. The work will lead to improved management of 5 shallow lakes for wetland wildlife. These strategies are consistent with the DNR's 2006 Duck Recovery Plan.

Shallow lake habitat assessments were completed on approximately 110 basins (41,947 acres) in project areas 2, 3, 4, 6, 7, 8, and 10. Winter oxygen monitoring was conducted on 5 lakes in project area 7. These assessments helped pave the way for improved management of 12 lakes. Water level drawdowns were conducted on four surveyed lakes (Area 3: Towner and Nora WMA, Area 10: Geneva and Rice) and new fish barriers on two surveyed lakes (Area 10: Geneva and Goose). Four surveyed lakes are on track for formal designation as wildlife management lakes (Area 3: Jennie and Mud, Area 4: Birch, Area 8: Smith) and three additional surveyed lakes are in the planning stage for further management (Area 4: Ogechie, Area 8: Albion WMA and Henshaw).

##### Project Results Use and Dissemination

The habitat and oxygen survey information was used to support DNR's shallow lake management efforts identified in the 2006 Duck Recovery Plan and Ducks Unlimited's efforts under Restoring Minnesota's Fish and Wildlife Habitat Corridors Phase III and IV – Wildlife Shallow Lakes Enhancement 2(c). Dissemination of project accomplishments will be through the LCCMR reporting process and normal DNR budgeting and accomplishment reporting. Data collected on the habitat quality of shallow lakes will be available as part of the DNR shallow lakes database managed by Division of Fish and Wildlife staff in Brainerd

## LCCMR Work Program Final Report

### Restoring Minnesota's Fish and Wildlife Habitat Corridors Phase 3 Habitat Conservation Partnership

#### 2D: Shallow Lakes Management - MN DNR - Division of Wildlife

#### Work Program Expenditures Not Attributable to Specific Projects

Funding Type	Funding Category	Amount	Description
ETF	Equipment Costs	\$2,499.97	Lake Survey Equipment
ETF	Travel	\$893.56	Travel Expenses in Minnesota
ETF	Travel	\$4,934.97	Vehicle Rental
ETF	Personnel Expenditures	\$89,671.50	Four temporary Natural Resource Specialists
<b>Total</b>		<b>\$98,000.00</b>	

#### Summary of Work Program Expenditures not Attributable to Specific Projects (by Funding Type)

Funding Type	Funding Amount
ETF	\$98,000.00
Other Funds	\$0.00
State Funds	\$0.00
Partner's State Leveraged Funds	\$0.00
Other	\$0.00
<b>Total</b>	<b>\$98,000.00</b>

#### Funding Type Definitions

<b>ETF:</b>	Grant dollars provided through the Minnesota Environment and Natural Resources Trust Fund
<b>Other Funds:</b>	Non-state, non-state leveraged dollars (If partner funds are leveraging state funds (e.g. RIM) they are not eligible to be considered Other Funds)
<b>State Funds:</b>	State Funds expended on HCP projects (not eligible for use as other funds commitment)
<b>Partners State Leveraged Funds:</b>	Non state funds that have leveraged state funds as part of an HCP project (not eligible for use as other funds commitment)
<b>Other:</b>	Any other expenditures (e.g. grant income funds)

Project Manager Name: Ray Norrgard

LCMR Requested Dollars: \$98,300.00

2005 LCMR Proposal Budget	<u>Result 1 Budget:</u>	<u>Amount Spent</u>	<u>Balance</u>	
MNDNR/Wildlife Shallow Lakes Management 2(d)				
<b>BUDGET ITEM*</b>				<b>TOTAL FOR BUDGET ITEM</b>
<b>PERSONNEL: Staff Expenses, wages, salaries – Four temporary Natural Resource Specialists</b>	<b>89,000</b>	<b>89,672</b>	<b>-672</b>	<b>89,672</b>
<b>Equipment / Tools: Lake survey equipment and supplies</b>	<b>2,500</b>	<b>2,500</b>	<b>0</b>	<b>2,500</b>
<b>Travel expenses in Minnesota</b>	<b>1,000</b>	<b>894</b>	<b>106</b>	<b>894</b>
<b>Other: Vehicle rental</b>	<b>5,500</b>	<b>4,935</b>	<b>565</b>	<b>4,935</b>
<b>COLUMN TOTAL</b>	<b>98,000</b>	<b>98,000</b>	<b>0</b>	<b>98,000</b>

\* Salaries were slightly higher than estimated, although costs for travel and vehicle rental were correspondingly lower.