

2008 Project Abstract

For the Period Ending June 30, 2010

PROJECT TITLE: Restoring Minnesota's Fish and Wildlife Habitat Corridors Phase V – Shallow Lakes (2d) - Minnesota's Habitat Conservation Partnership

PROJECT MANAGER: Ray Norrgard

AFFILIATION: Minnesota Dept. of Natural Resources Division of Fish and Wildlife

MAILING ADDRESS: 500 Lafayette Rd

CITY/STATE/ZIP: St. Paul/MN/55155

PHONE: 651-259-5227

E-MAIL: ray.norrgard@state.mn.us

WEBSITE: www.mnhabitatcorridors.org

FUNDING SOURCE: Environment and Natural Resources Trust Fund

LEGAL CITATION: ML 2008 First Special Section, Ch.367, Sec. 2 Subd. 3(c).

APPROPRIATION AMOUNT: \$73,500

Overall Project Outcome and Results

DNR spent \$73,399 to continue on-site field investigations for an additional year (through September, 2009) to accelerate management of shallow lakes and adjacent wetland complexes and support the accomplishments of Ducks Unlimited through HCP 2c and 3c. Temporary field personnel (1 full time and 6 temporary) documented shallow lake habitat occurrence and quality. Habitat surveys were conducted on 94 lakes within six HCP project areas. The lakes surveyed totaled over 45,500 acres. The surveys were distributed more broadly than in the past with 8 surveys conducted within Area 1, 30 surveys conducted within Area 3, 14 surveys conducted within Area 4, 10 surveys conducted within Area 6, 22 surveys conducted within Area 9, and 10 surveys conducted within Area 10. Eight of the surveys were for evaluating and monitoring the effect of management actions. Data was entered into the DNR Shallow Lake Database, checked and verified.

Project Results Use and Dissemination

The habitat 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 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.

Trust Fund 2008 Work Program Final Report

Date of Report: August 16, 2010

Final Report

Date of Work program Approval: 2008

Project Completion Date: June 30, 2010

I. PROJECT TITLE: Restoring Minnesota's Fish and Wildlife Habitat Corridors Phase V – Shallow Lakes (2d) - Minnesota's Habitat Conservation Partnership

Project Manager: Ray Norrgard

Affiliation: Minnesota Dept. of Natural Resources Division of Fish and Wildlife

Mailing Address: 500 Lafayette Rd

City / State / Zip : St. Paul/MN/55155

Telephone Number: 651-259-5227

E-mail Address: ray.norrgard@state.mn.us

FAX Number: 651 297-4961

Web Page address: www.mnhabitatcorridors.org

Location: All Habitat Conservation Partnership work will be completed within the nine Project Area boundaries identified in the attached map (please see the 1a Project Area Coordination and Mapping work plan).

Total Trust Fund Project Budget:	Trust Fund Appropriation:	\$ 73,500
	Minus Amount Spent:	\$ 73,339
	Equal Balance:	\$ 161

Legal Citation: ML 2008 First Special Section, Ch.367, Sec. 2 Subd. 3(c).

Appropriation Language: (c) Minnesota Habitat Conservation Partnership – Phase V. \$3,150,000 is appropriated from the trust fund for the fifth appropriation for acceleration of agency programs and cooperative agreements.

II and III. FINAL PROJECT SUMMARY: DNR spent \$73,399 to continue on-site field investigations for an additional year (through September, 2009) to accelerate management of shallow lakes and adjacent wetland complexes and support the accomplishments of Ducks Unlimited through HCP 2c and 3c. Temporary field personnel (1 full time and 6 temporary) documented shallow lake habitat occurrence and quality. Habitat surveys were conducted on 94 lakes within six HCP project areas. The lakes surveyed totaled over 45,500 acres. The surveys were distributed more broadly than in the past with 8 surveys conducted within Area 1, 30 surveys conducted within Area 3, 14 surveys conducted within Area 4, 10 surveys conducted within Area 6, 22 surveys conducted within Area 9, and 10 surveys conducted within Area 10. Eight of the surveys were for evaluating and monitoring the effect of management actions. Data was entered into the DNR Shallow Lake Database, checked and verified.

Retroactive Amendment Request: Approved December 27, 2010

I request to shift funds between categories within the overall budget for M. L. 2008 Chapter 367, Sec. 2, Subd. 3c-2d - Shallow Lakes. The request is needed to cover a shortfall in estimated vehicle rental costs. The needed funds will be shifted from the Travel, Equipment, and Personnel categories. The reason for the shortfall can be attributed to three factors:

- 1) I underestimated the number of surveys that could be accomplished with the reduced budget. In Phase IV, crews completed 100 habitat surveys for a vehicle rental cost of \$10,336. In Phase V (2008), crews completed 94 habitat surveys. If I had been on target with my estimate I would have budgeted at least \$9,800 instead of \$7,000;
- 2) The habitat surveys in Phase V were distributed more broadly than in the past with 8 surveys conducted within Area 1, 30 surveys conducted within Area 3, 14 surveys conducted within Area 4, 10 surveys conducted within Area 6, 22 surveys conducted within Area 9, and 10 surveys conducted within Area 10. As a consequence more actual miles were driven to complete the surveys. In Phase IV 104 miles were driven per survey. In Phase V 158 miles were driven per survey, a 52% increase; and
- 3) Increases in fuel costs resulted in additional charges. The first two factors alone make up the difference in cost. If I had properly anticipated the number and geographic distribution of habitat surveys I would have projected \$14,896 in vehicle rental charges.

IV. OUTLINE OF PROJECT RESULTS:

Result 1: Complete 30 shallow lake surveys

Description: A minimum of 30 shallow lake surveys will be conducted to help identify and prioritize restoration strategies conducted through HCP 2c and 3c. These strategies may include shore land protection, reducing undesirable fish, managing water levels, constructing fish barriers, and establishing beneficial vegetation. This work will primarily focus on Project Areas 1, 2, 3, 4, 6, 7, 8, 9, and 10 although work may be completed in other HCP Project Areas when appropriate. The majority of the work will occur during the 2009 field season with all work completed by October 30, 2009. Survey lakes will be identified through a collaborative process involving Ducks Unlimited, MNDNR, and U. S. Fish and Wildlife Service. The surveys will be targeted to support work conducted by Ducks Unlimited through HCP 2c and 3c.

Summary Budget Information for Result 1:	Trust Fund Budget:	\$ 73,500
	Amount Spent:	\$ 73,339
	Balance:	\$ 161

Deliverable	Completion Date	Budget	Status
1. 30 lake surveys	October 30, 2009	\$73,500	

Completion Date: June 30, 2010

Final Report Summary: Habitat surveys were conducted on 94 lakes within six HCP project areas. The lakes surveyed totaled over 45,500 acres. The surveys were distributed more broadly than in the past with 8 surveys conducted within Area 1, 30 surveys conducted within Area 3, 14 surveys conducted within Area 4, 10 surveys conducted within Area 6, 22 surveys conducted within Area 9, and 10 surveys conducted within Area 10. Eight of the surveys were for evaluating and monitoring the effect of management actions.

V. TOTAL TRUST FUND PROJECT BUDGET:

Staff or Contract Services: \$57,623 (1 full-time temporary and up to 6 interns)

Equipment: \$300 (repair and replace survey equipment as needed)

Development: \$ (improvement to land or building)

Restoration: \$ (how many acres)

Acquisition, including easements: \$ (how many acres, also who will hold the title to the land)

Other: Supplies \$ 252

Instate Travel \$ 583

Vehicle Rental \$ 14,821

TOTAL TRUST FUND PROJECT BUDGET: \$ 73,500

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

VI. OTHER FUNDS & PARTNERS:

A. Project Partners:

B. Other Funds Proposed to be Spent during the Project Period:

C. Past Spending: 2001: \$350,000; 2003: \$98,300; 2005: \$98,000

D. Time: This proposal requests a 12-month time frame starting approximately October 1, 2008 to be completed September 30, 2009.

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

VIII. REPORTING REQUIREMENTS:

Periodic work program progress reports will be submitted not later than December 1, 2008. A final work program report and associated products will be submitted between June 30 and August 1, 2009 or 2010 as requested by the LCCMR. All reports will be generated using the HCP online reporting system.

IX. RESEARCH PROJECTS: NA

Attachment A: Final Budget Detail Projects June 30, 2010						
Project Title: Shallow Lakes (2d)						
Project Manager Name: Ray Norrgard						
Trust Fund Appropriation: \$ 73,500						
1) See list of non-eligible expenses, do not include any of these items in your budget sheet						
2) Remove any budget item lines not applicable						
2008 Trust Fund Budget	Result 1 Budget:	Revised Result 1 Budget	Amount Spent (date)	Balance (date)	TOTAL BUDGET	TOTAL BALANCE
	Complete 30 shallow lake surveys					
BUDGET ITEM				0		
PERSONNEL: wages and benefits for 1 full time temporary and up to 6 interns	65,365	57,623	57,623	0	57,623	0
Contracts				0	0	0
Professional/technical (with whom?, for what?)				0	0	0
Other contracts (with whom?, for what?) list out: personnel, equipment, etc.				0	0	0
Other direct operating costs (for what? – be specific)				0	0	0
Equipment*	300	221	171	50	221	50
Office equipment & computers - NOT ALLOWED unless unique to the project				0	0	0
Other Capital equipment (list specific items)				0	0	0
Land acquisition				0	0	0
Land rights acquisition (less than fee)				0	0	0
Professional Services for Acq.				0	0	0
Printing				0	0	0
Other Supplies** (list specific categories)	252	252	252	0	252	0
Travel expenses in Minnesota	583	583	473	110	583	110
Travel outside Minnesota (where?)				0	0	0
Construction (for what?)				0	0	0
Other land improvement (for what?)				0	0	0
Other: Vehicle rental	7,000	14,821	14,821	0	14,821	0
COLUMN TOTAL	\$73,500	\$73,500	\$73,339	\$161	\$73,500	\$161
*Repair and replace survey equipment as needed to conduct surveys						
**Supplies for conducting and recording surveys						
Note for final report: Adjustments were made to deal with unplanned increases in fleet costs (increase \$7000) due to higher fuel costs and lake survey supplies (increase \$252). Budget reductions were made for travel (reduce \$900), equipment (reduce \$1200), and personnel (reduce \$7000).						

