

FINAL REPORT

2001 Project Abstract

For the Period Ending June 30, 2003

TITLE: Engineering Support for Public Lands Waterfowl Projects

PROJECT MANAGER: Tom Landwehr

ORGANIZATION: Ducks Unlimited, Inc.

ADDRESS: 5824 Churchill St., Shoreview, MN 55126

WEB SITE ADDRESS: www.ducks.org, www.mnducks.org, and www.prairie.ducks.org.

FUND: Environmental Trust Fund

LEGAL CITATION: MN Laws 2001, 1st Special Session, Chapter 2, Section 14, Subd. 4(f).

APPROPRIATION AMOUNT: \$275,000

Overall Project Outcome and Results:

Using LCMR funds, Ducks Unlimited (DU) staff provided survey, engineering design, construction management and other technical assistance services to DNR and FWS on 24 wetland projects encompassing more than 4,500 acres. Additionally, DU worked with DNR and other partners to identify funding sources for completing most of these projects. To date, 8 of these projects have been completed (1,308 acres), 11 are in process for completion in the next 18 months (2,802 acres), and 5 are stalled indefinitely for a variety of reasons (410 acres). The projects are located throughout Minnesota. Since they are all on public land they provide several benefits, including: increased wildlife habitat, better public recreational opportunities, and increased management potential. Because funding for technical assistance is often a limiting factor – especially for projects in the feasibility stage – the LCMR funds helped catalyze many of these projects. At least \$572,899 of additional funding for projects was secured by DU to date, and completion of these 24 projects will involve many hundreds of thousands of other dollars – all leveraged by LCMR.

Project Results Use and Dissemination:

DU has developed and submitted a variety of news releases in the state DU's newsletter ("Cattails") and via statewide mass media. We generally require partners to develop and submit local news releases on these projects, as well. Finally, we are also finalizing a signage protocol with other partners that recognizes the contributions from the Environment and Natural Resources Trust Fund, and will post this sign on all affected projects.

LCMR Work Program Final Report

Date of Report: June 30, 2003

Date of Workprogram Approval: July 24, 2001

Project Completion Date: June 30, 2003

I. Project Title: Engineering Support for Public Lands Waterfowl Projects

Project Manager: Tom Landwehr

Affiliation: Ducks Unlimited, Inc.

Mailing Address: Minnesota Conservation Office

5824 Churchill St.

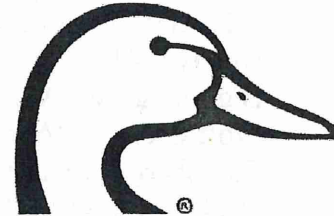
Shoreview, MN 55126

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Total Biennial Project Budget: \$275,000 - \$275,000 spent = \$0 balance.

Legal Citation: MN Laws 2001, 1st Special Session, Chapter 2, Section 14, Subd. 4(f).

Appropriation Language: Engineering Support for Public Lands Waterfowl Projects. \$275,000 is from the future resources fund to the commissioner of natural resources for an agreement with Ducks Unlimited, Inc., to provide survey and engineering support to natural resources agencies for waterfowl projects on public lands.

II. and III. FINAL PROJECT SUMMARY:

Using grant funds, Ducks Unlimited (DU) staff provided survey, engineering design, and other technical assistance services to DNR and FWS on 24 wetland projects encompassing more than 4,500 acres. Additionally, DU worked with DNR and other partners to identify funding sources for completing most of these projects. To date, 8 of these projects have been completed (1,308 acres), 11 are in process for completion in the next 18 months (2,802 acres), and 5 are stalled indefinitely for a variety of reasons (410 acres). The projects are located throughout Minnesota. Since they are all on public land they provide several benefits, including: increased wildlife habitat, better public recreational opportunities, and increased management potential. Because funding for technical assistance is often a limiting factor – especially for projects in the feasibility stage – the LCMR funds helped catalyze many of these projects. At least \$572,899 of additional funding for projects was secured by DU to date, and completion of these 24 projects will involve many hundreds of thousands of other dollars – all leveraged by LCMR.

IV. OUTLINE OF PROJECT RESULTS:

Result 1: LCMR Budget: \$275,000; Spent: \$275,000 Balance: \$0.

Result Status: The following 24 projects incorporating 4,520 acres, received DU technical assistance through the LCMR funding (DU project number in parentheses):

- a. Nicholson WPA water control structure, 100 acres, Otter Tail county (72-1)
- b. Manston Slough structure replacement, 250 acres, Wilkin county (95-2)
- c. Wolf Lake WPA structure replacement, 40 acres, Jackson county (130-2)
- d. Markham Marsh WMA structure placement, 40 acres, St. Louis county (140-1)
- e. Cranberry Pool structure replacement, 20 acres, Mille Lacs WMA, Mille Lacs county (141-2)
- f. Mikkelson Pool structure replacement, 100 acres, Mille Lacs WMA, Mille Lacs county (141-3)
- g. Big Slough WPA outlet fish barrier, 500 acres, Murray county (204-3)
- h. Wolf Creek WPA restoration, 40 acres, Rice county (245-1)
- i. Ehrenberg WMA restoration, 40 acres, Swift county (252-1)
- j. Neal WMA wetland restoration, 50 acres, Wilkin county (291-1)
- k. Augusta Lake outlet structure repair, 500 acres, Cottonwood county (278-2)
- l. Mueller WMA – Mott Lake structure placement, 120 acres, Waseca county (301-1)
- m. Maple River WMA south structure placement, 40 acres, Blue Earth county (302-1)
- n. Maple River WMA north structure placement, 40 acres, Blue Earth county (302-2)
- o. Nycklemoe Slough WMA structure placement, 100 acres, Otter Tail county (309-2)
- p. Arends/Swedzinski WPA structure placement, 100 acres, Lincoln/Lyon counties (318-1)
- q. East Park WMA dike rehabilitation, 1720 acres, Marshall county (324-1)
- r. Grey Eagle WMA structure replacement, 15 acres, Todd county (325-1)
- s. Daggett Brook WMA structure repair, 380 acres, Cass county (326-1)
- t. Century WPA (Netland) restoration, 41 acres, Kandiyohi county (328-1)
- u. Runestone WPA wetland restoration, 75 acres, Douglas county (329-1)
- v. Blakesley WPA wetland restoration, 61 acres, Grant county (331-1)
- w. Klinker Slough WMA structure replacement, 50 acres, Murray county (334-1)
- x. Albion WMA wetland restoration, 60 acres, Wright county (338-1)

DU engineering staff have conducted on-site reconnaissance on all of these projects. Site or topographical surveys have been completed on all projects. Final engineering design has been completed on all projects except Maple River North, Manston Slough, and Albion; these will be completed with other funds when possible. Construction funding has been identified, and we expect construction of the following projects by end of this calendar year: Mille Lacs WMA – Cranberry Pool, Mille Lacs WMA – Mikkelson Pool, Big Slough WMA, Augusta Lake WMA, Sheas Lake WMA, Maple River WMA – south basin, Nycklemoe Slough WPA, Arends/Swendzinski WPA, Grey Eagle WMA, Daggett Brook WMA and Klinker Slough WMA. We expect to complete all the remaining, except for Markham Marsh, Wolf Creek WPA,

Ehrenberg WMA, and Neal WMA in the next 1 or 2 calendar years. Total acres restored to by end of this calendar year will be 1,308; another 2,802 acres will be completed within 18 months; 410 acres of the proposed list will not be completed in the foreseeable future.

For these projects, DU also secured \$346,028 of non-LCMR grant funds, primarily from DNR, Cass county, NAWCA, and DU funds. In addition to the projects funded in part by this LCMR grant, DU provided technical assistance and/or funding to complete another four projects (and construction funding on the Arends/Swedzinski project, above) as summarized below. DU's matching funds of \$239,800 resulted in an additional 558 acres of restored wetlands on public land (145 acres appear both in the grant and match totals representing work on Arends-Swedzinski WPA). Total additional funds secured to date for this project were \$572,899.

DU Match projects – funding secured by DU from non-LCMR sources (original proposal provided for \$141,000 of match; substantial additional match was secured).

DU Proj. #	Site Name	County	Restored Acres	Cost
227-2	Scott's Dike	Cass	35	\$10,000
273-1	Geise WPA	Stevens	400	\$50,600
287-1	Howard Farms WPA	Blue Earth	15	\$9,000
311-2	Ridgeway WPA	Otter Tail	63	\$10,200
318-1	Arends-Swedzinski WPA	Lincoln/Lyon	145	\$160,000
Subtotal			658	\$239,800
The above 24 projects		Various	N/a	\$333,099
Total other \$				\$572,899

V. TOTAL PROJECT BUDGET:

All Results: Personnel Budget: \$186,300; Spent: \$186,300; Balance: \$0.
All Results: Contract Engineering Budget: \$49,000; Spent: \$49,000; Balance: \$0.
All Results: Contract Surveying Budget: \$38,500; Spent: \$38,500; Balance: \$0.
All Results: Other Budget: \$1,200; Spent: \$1,200; Balance: \$0.

TOTAL BUDGET: \$275,000 (+\$141,000 cash and in-kind from DU originally proposed; actual other funds exceeded \$572,899).

VI. PAST, PRESENT AND FUTURE SPENDING:

All the affected government agencies spend hundreds of thousands of dollars per year on engineering and surveying. Ducks Unlimited has historically spent over \$250,000 per year (since 1984) on public lands waterfowl projects. The summary below only addresses DU's contribution to this effort.

A. Past Spending: Since 1984, Ducks Unlimited has spent more than \$3 million on developing and maintaining waterfowl habitat on public lands, primarily DNR

Wildlife Management Areas. In anticipation of the LCMR funding, DU is currently incurring expenses on initial projects in order to be ready to go with project implementation once funding is available.

- B. **Current and Future Spending:** In addition to the request, DU will contribute an additional \$141,000 of cash and/or in-kind funding (i.e., surveying and engineering of projects, construction costs) during the project period. After each surveying and engineering project is completed, it is expected that the relevant agency will pay for construction costs with funds from their own budgets (e.g., DNR Wildlife's duck stamp funds), and continuing cash contributions from Ducks Unlimited.
- C. **Project Partners:** Potential partners include DNR Wildlife, DNR Forestry, U.S. Fish and Wildlife Service (FWS), U.S. Forest Service (USFS), and related agencies. DU has worked with all of these in the past, and will complete sub-agreements with partners on specific projects when funding is approved.
- D. **Time:** The proposed timeframe is 2 years; additional requests are likely.

VII. DISSEMINATION:

News of the project and individual accomplishments will be disseminated by periodic news releases from partners (FWS, DNR, USFS) and DU, including coverage in the state DU newsletter, the national DU magazine, and the DU webpage (www.ducks.org).

VIII. LOCATION:

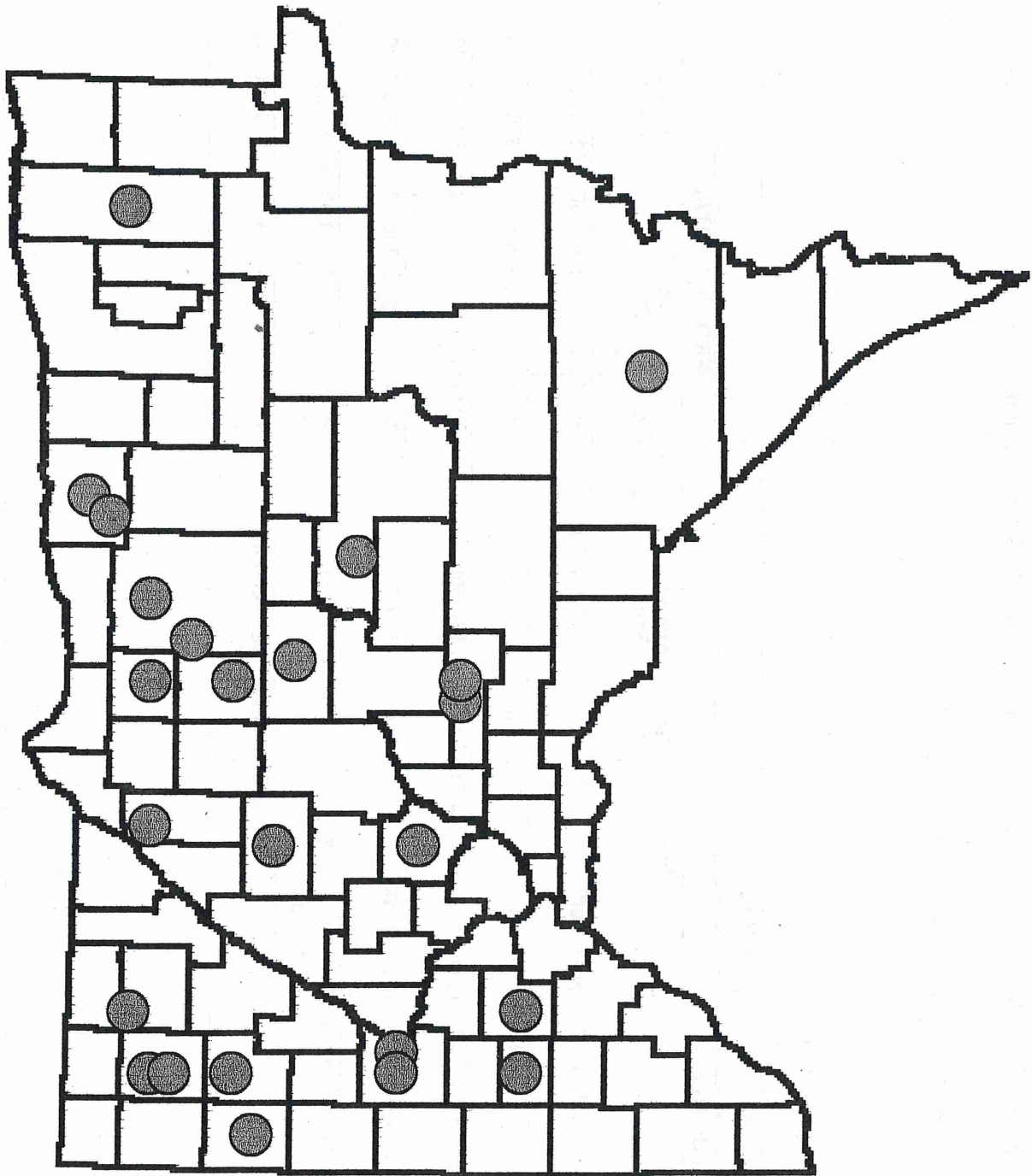
Projects are located throughout Minnesota; see Figure 1 for general project locations.

IX. REPORTING REQUIREMENTS:

Periodic workprogram progress reports will be submitted not later than March 15 and December 15 each year. A final workprogram report and associated products will be submitted by June 30, 2003 or by the completion date as set in the appropriation.

X. RESEARCH PROJECTS: N/A

Figure 1. LCMR-DU project locations.



Attachment A. Workplan as approved 08/15/02 with requested amendment (shift \$14,000 from contract surveying to contract engineering).

Project Title: Engineering Support for Public Land Waterfowl Projects, Final Report

Project Number: CH30

LCMR Recommended Funding: \$275,000

Attachment A Deliverable Products and Related Budget						
2001 LCMR Project Biennial Budget				PROJECT TOTAL:		
Budget Item.(Title of Result)	Result 1 Budget:	Result 1 Spent:	Result 1 Balance:	BUDGET TOTAL:	TOTAL SPENT:	BALANCE TOTAL:
DU Professional Staff	\$ 116,100.00	\$116,100.00	\$0.00	\$ 116,100.00	\$116,100.00	\$ 0.00
DU Technical Staff	\$ 70,200.00	\$70,200.00	\$0.00	\$ 70,200.00	\$70,200.00	\$0.00
Contract surveying (by bid)	\$ 38,500.00	\$38,500.00	\$0.00	\$ 38,500.00	\$38,500.00	\$0.00
Contract Engineering (by bid)	\$ 49,000.00	\$49,000.00	\$0.00	\$ 49,000.00	\$49,000.00	\$0.00
Travel outside Minnesota - Mileage from Bismarck to MN	\$ 1,200.00	\$1,200.00	\$0.00	\$ 1,200.00	\$1,200.00	\$0.00
COLUMN TOTAL	\$ 275,000.00	\$275,000.00	\$0.00	\$ 275,000.00	\$275,000.00	\$0.00