

Date of Report: September 24, 2003  
 Date of Next Report: Final Report  
 Date of Work Program Approval: July 24, 2001  
 Project completion Date: September 24, 2003

Amendment Approved: December 13, 2001

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**LCMR FINAL WORK PROGRAM REPORT**

**I. PROJECT TITLE: Restoring Minnesota's Fish and Wildlife Corridors - #CH-01 - 2e**

Area 2 – Mississippi Headwaters  
 Red Lake Band of Chippewa – Good Lake Waterfowl Enhancement

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**Overall**

**Project Manager:** Robert Jackson  
**Affiliation:** Bureau of Indian Affairs  
**Mailing Address:** One Federal Drive, Room 550, Ft. Snelling, MN 55111  
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**FINAL REPORT**

**Red Lake Band of Chippewa**

**Project Manager:** Jay Huseby  
**Affiliation:** Red Lake Band of Chippewa Indians, Dept of Natural Resources  
**Mailing Address:** P.O Box 279, Red Lake, MN 56671  
**Telephone Number:** (218) 679-3959  
**E-Mail:** jhuseby@paulbunyan.net  
**Fax:** (218) 679-2830

**Total Biennial Project Budget:**

	Amount Allocated	Amount Spent	Reimbursed	Unreimbursed Outstanding Expenses	Balance
<b>Wage, Salaries, Benefits</b>	\$35,492.00	\$31,148.76	\$5,370.00	\$25,778.76	\$4,343.24
<b>Equipment</b>	\$15,000.00	\$15,000.00	\$8,674.75	\$6,325.25	\$0.00
<b>Development</b>	\$87,000.00	\$77,774.82	\$27,720.70	\$50,054.12	\$9,225.18
<b>Total</b>	\$137,492.00	\$123,923.58	\$41,765.45	\$82,158.13	\$13,568.42

**Legal Citation:** M.L. 2001, 1<sup>st</sup> Special Session, Chapter 2, Section 14, Subd. 04(e) \$11,745,000 (Env. Trust Fund). Restoring Minnesota's Fish and Wildlife Habitat Corridors

**Appropriation Language:**

4(e) Restoring Minnesota's Fish and Wildlife Habitat Corridors; \$5,873,000 the first year and \$5,872,000 the second year are from the trust fund to the Commissioner of Natural Resources for acceleration of agency programs and cooperative agreements with Minnesota Waterfowl Association, Minnesota Deer Hunter's Association, Ducks Unlimited, National Wild Turkey Federation, Pheasants Forever, The Nature Conservancy, Minnesota Land Trust, Trust for Public Land, U. S. Fish and Wildlife Service, Bureau of Indian Affairs, Natural Resources Conservation Service, and the U. S. Forest Service to restore and acquire habitat to sustain fish, wildlife and plants. \$352,000 is for program coordination, corridor identification and mapping. \$3,343,000 is for restoration and management activities in wildlife management areas, wetland habitat, lakes, wild rice beds, grasslands and fisheries habitat. \$2,650,000 is for conservation easement programs on riparian areas, big woods forests, native prairies and wetlands. \$5,400,000 is for habitat acquisition activities on prairies, riparian areas and other fish and wildlife habitat corridors. As a part of the required work program, criteria and priorities for planned acquisition and restoration activities must be submitted to the Legislative Commission on Minnesota Resources for review and approval. Land acquired with this appropriation must be sufficiently improved to meet at least minimum management standards as determined by the Commissioner of Natural Resources. Any land acquired in fee title by Commissioner of Natural Resources with money from this appropriation must be designated: (1) as an outdoor recreation unit under Minnesota Statutes, Section 86A.07, or (2) as provided in Minnesota Statutes, Section 89.018, subdivision 2, paragraph (a): 97A.101; 97A.125:97C.001; and 97C.011; and in compliance with 116P.15. The Commissioner may so designate any lands acquired in less than fee title. This appropriation is available until June 30, 2004, at which time the project must be completed and final products delivered, unless an earlier date is specified in the work program.

## **II. and III. FINAL PROJECT SUMMARY**

### **Red Lake**

Project activities were centered around a 2,000-acre, impoundment in the northwestern corner of the Red Lake Indian Reservation, in an area known to attract large numbers of migrating and breeding waterfowl. Efforts were designed to increase use of habitats by waterfowl and other wetland-dependant wildlife populations, as well as increase access to the site for those interested in wetland wildlife populations. Objectives included: clearing a portion of a large wooded island within the impoundment, construction of boat access sites and associated parking areas, construction of nesting islands/hunter blind sites and waterfowl nesting structures, enhancement of local grassland nesting cover, development of site management maps, seeding of wild rice, and establishment of wildlife food plots. All project objectives were completed. A total of 60-acres of trees and brush were cleared from the future waterfowl nesting island, then aerial and site-specific herbicide applications were completed to reduce regeneration. Three boat landings and associated parking areas were completed, increasing access to the impoundment and use by wildlife enthusiasts. Six small nesting islands/blind sites were constructed, 50 waterfowl nesting structures were placed within the impoundment, and 10 acres of grassland cover was established to increase local waterfowl nesting effort, success and production. To benefit migratory wildlife populations, 3,050 pounds of wild rice was seeded into the impoundment, and 120 acres of barley food plots were planted. Once established, wild rice can be self-sustaining, benefiting wildlife populations for many years. Aerial photography of the site was shot and data was gathered to develop an impoundment depth profile. Information will be used to more effectively manage habitats at this site. Project activities were showcased during a site tour by the U. S. Fish and Wildlife Service's Northern Tallgrass Prairie Ecosystem Team, and during presentations given at several professional wildlife meetings.

#### IV. OUTLINE OF PROJECT RESULTS

Result 1 consists of 3 major areas of activity:

- a. Constructing 3 access sites, placing 50 waterfowl nesting structures, and constructing 6 small nesting islands/hunter blind sites.
- b. Shooting aerial photography of project site, developing impoundment depth profile, seeding wild rice, and establishing 50 acres of barley food plots per year.
- c. Clearing trees and brush from an 80-acre island and establishing grassland nesting cover on island and adjacent to impoundment.

a. All activities were completed. Use of the site has increased noticeably since construction of boat ramps and parking areas. Nesting waterfowl (mallards and blue-winged teal) used about 1/3 of the nesting structures placed within the impoundment. In the future, fabric will be placed on newly constructed islands/blind sites to reduce wave erosion before vegetation is established. Building these small islands within or immediately adjacent to emergent stands of vegetation would also offer a degree of shelter from wave action and will be recommended in the future.

b. All activities were completed. Aerial photos and depth profile data will be used to manage water levels and vegetation communities to accommodate seasonal use by a variety of wildlife species. Barley food plots were used extensively during spring and fall migration periods.

c. All activities were completed, with the exception of establishing grassland cover on the island that was clear-cut. Removal or piling of woody materials (especially tree stumps) took longer than anticipated, due to complications arising from frozen ground conditions during the period when heavy equipment had access to the island. Standard logging equipment could not remove many of the oak stumps after the trees had been sheared, and tracked caterpillars had to be contracted to finish this portion of the project. Slash piles will be burned and grassland cover promoted as part of future management activities.

#### Red Lake

Total Red Lake Project Budget by Category and Funding Source:

	Amount Obligated	Amount Spent	Balance
<b>Personnel</b>			
LCMR	\$ 35,492.00	\$ 31,148.76	\$ 4,343.24
BIA/COF	\$ 57,950.00	\$ 55,878.89	\$ 2,071.11
RLBCI	\$ 38,750.00	\$ 33,922.61	\$ 4,827.39
Total	\$ 132,192.00	\$ 120,950.26	\$ 11,241.74
<b>Equipment</b>			
LCMR*	\$ 15,000.00	\$ 15,000.00	\$ 0.00
BIA/COF	\$ 22,000.00	\$ 12,723.97	\$ 9,276.03
RLBCI	\$ 0.00	\$ 0.00	\$ 0.00
Total	\$ 37,000.00	\$ 27,723.97	\$ 9,276.03
<b>Development</b>			
LCMR	\$ 87,000.00	\$ 77,774.82	\$ 9,225.18
BIA/COF	\$ 750.00	\$ 750.00	\$ 0.00

RLBCI	\$ 5,000.00	\$ 5,000.00	\$ 0.00
Total	\$ 92,750.00	\$ 83,064.13	\$ 9,685.87
<b>TOTAL</b>			
LCMR	\$137,492.00	\$ 123,923.58	\$ 13,568.42
BIA/COF	\$ 80,700.00	\$ 69,352.86	\$ 11,347.14
RLBCI	\$ 43,750.00	\$ 38,922.61	\$ 4,827.39

\* Equipment purchased with this money will be used for the same purpose throughout its useful life.

## II. TOTAL PROJECT BUDGET: LCMR

	<u>Red Lake</u>
All Results - Personnel:	\$35,492
All Results - Equipment:	\$15,000
All Results - Development:	\$87,000
 TOTAL:	 \$137,492

## III. PAST, PRESENT AND FUTURE SPENDING:

The Circle of Flight Program was initially funded in fiscal year 1991 and has distributed almost three million dollars to Minnesota Reservations and inter-tribal organizations for waterfowl and wetland enhancement projects.

The reservations and inter-tribal organizations are key partners with federal agencies, state and county governments and private organizations such as Ducks Unlimited, Nature Conservancy, and the Minnesota Waterfowl Association. The Fond du Lac and Red Lake Bands have also received North American Conservation Act funding for wild rice restoration and waterfowl enhancement projects totaling over \$500,000.

## IV. DISSEMINATION:

The Bureau of Indian Affairs (Circle of Flight) and Minnesota Reservations have partnered with a wide variety of federal, state, and private wildlife organizations during the past ten years and have successfully completed a number of "high profile" wildlife habitat enhancement/restorations projects.

Education is a high priority with publication of an annual Circle of Flight brochure and the production of several educational videos.

## V. LOCATION:

Area 2 – Mississippi Headwaters  
Red Lake Band of Chippewa

**IX. REPORTING REQUIREMENTS:** Periodic work program progress reports will be submitted to the LCMR not later than May 31, 2002, November 30, 2002, March 30, 2003 and November 30, 2003. Final work program report and associated products will be submitted by June 30, 2004, or by the completion date as set in the appropriation.

Attachment A. Deliverable Products and Related Budget – LCMR Funds Only  
 2001 LCMR Project Biennial Budget, CH-01 Restoring Minnesota's Fish and Wildlife Habitat Corridors  
 Circle of Flight (2e) Bureau of Indian Affairs--Project Areas 2 and 5

Budget Item	LCMR Budget	LCMR Year 2	LCMR Spent	LCMR Remaining
<b>Personnel</b>	\$35,492.00	-	\$31,148.76	\$4,343.24
Project Director: @ \$22.35 / hr. X 108 hrs. + .25 fringe				
1 - Biologist @ \$14.42/hr. X 901.28 hrs. + .25 fringe				
1 - Technician @ \$10.58/hr. X 881.28 hrs. + .25 fringe				
1 - Seasonal @ \$10.00/hr. X 23.1 hrs.				
	\$15,000.00	-	\$15,000.00	0
<b>Equipment</b>				
1 - ARGO amphibious A.T.V. and trailer @ \$13,800.00				
1 - Johnboat and trailer @ \$1,200.00 of (\$1,799.00 = total cost)				
<b>Development</b>	\$87,000.00	-	\$77,774.82	\$9,225.18
"Vendor services" (total = \$62,608.50)				
Food plots and grassland plantings @ \$16,130.00				
Aerial photography, herbicide application, logger access @ \$5,981.00				
Nesting island construction and preparation @ \$24,992.50				
Boat landings, parking areas, wetland excavation @ \$15,505.00				
"Supplies" (total = \$15,166.32)				
Gas and oil @ \$3,530.04				
Wild rice seed @ \$4,575.00				
1 - steel culvert @ \$3,900.00				
Nesting structure materials @ \$1,472.00				
Equipment repairs and maintenance @ \$1,689.28				
<b>TOTAL</b>	<b>\$137,492.00</b>		<b>\$123,923.58</b>	<b>\$13,568.42</b>

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### Amendment: 3 December, 2003

**Date of Report:** 23 May, 2003  
**Date of Next Status Report:** 30 November, 2003  
**Date of Work Program Approval:**  
**Project Completion Date:** 30 June, 2006

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#### I. PROJECT TITLE: Good Lake Waterfowl Enhancement Project, Phase II.

**Project Manager:** Jay T. Huseby, Ph.D.  
**Affiliation:** Red Lake Dept. of Natural Resources, Red Lake Band of Chippewa Indians  
**Mailing Address:** Box 279  
**City / State / Zip:** Red Lake, MN 56671  
**Telephone Number:** (218)-679-3959, ext. 1307  
**E-Mail Address:** jhuseby@paulbunyan.net  
**FAX Number:** (218)-679-2830

**Total Biennial LCMR Project Budget:**      **LCMR Appropriation:** \$90,150.00  
**Minus Amount Spent:** \$0  
**Equal Balance:** \$90,150.00

**Legal Citation:** ML 2003, Chap. 128, Art. 1, Sec. 9, Subd. 5(b).

**Appropriation Language:** 5,000,000 (Env. Trust Fund) Restoring Minnesota's Fish and Wildlife Habitat Corridors Phase II - \$250,000,000 the first year and \$250,000,000 the second year are from the trust fund to the commissioner of natural resources for the second biennium for acceleration of agency programs and cooperative agreements with Minnesota Deer Hunters Association, Ducks Unlimited, Inc., National Wild Turkey Federation, Pheasants Forever, The Nature Conservancy, Minnesota Land Trust, the Trust for Public Land, Minnesota Valley Trust, Inc., U.S. Fish and Wildlife Service, U.S. Bureau of Indian Affairs, Red Lake Band of Chippewa, Leech Lake Band of Chippewa, Fond du Lac Band of Chippewa, USDA-Natural Resources Conservation Service, and the Board of Water and Soil Resources to plan, restore, and acquire fragmented landscape corridors that connect areas of quality habitat to sustain fish, wildlife, and plants. As part of the required work program, criteria and priorities for planned acquisition and restoration activities must be submitted to the legislative commission on Minnesota resources for review and approval before expenditure. Expenditures are limited to the 11 project 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 residential structures unless expressly approved in the work program. Any land acquired in fee title by the commissioner of natural resources with money from this appropriation must be designated: (1) as an outdoor recreation unit under Minnesota Statutes, section 86A.07; or (2) as provided in Minnesota Statutes, sections 89.018, subdivision 2, paragraph (a); 97A.101; 97A.125; 97C.001; and 97C.011. The commissioner may so designate any lands acquired in less than fee title. The appropriation is available until June 30, 2006, at which time the project must be completed and final products delivered, unless an earlier date is specified in the work program.

Red Lake is pleased to announce completion of activities associated with "Restoring Minnesota's Fish and Wildlife Corridors Project, Phase I. Final Report accepted 24 October, 2003.

## **II. PROJECT SUMMARY AND RESULTS:**

This project will continue wildlife enhancement activities in and around a 2,000 acre multi-purpose impoundment, located in the northwest portion of the Red Lake Indian Reservation. Phase II Activities will build on accomplishments from Phase I, promoting use of the area by wetland dependant wildlife populations, and increasing use of the site by outdoor recreationists. Additionally, Phase II activities will include documentation of existing wildlife populations through collection of baseline survey data. This information will be used to evaluate and guide management activities. Dollars will be used to improve boat landings, parking areas and access roads. Nesting cover will be established on an 80-acre nesting island, and grassland nesting cover adjacent to the impoundment and on small island / hunter blind sites will be improved. Surveys of resident wildlife populations (small mammals, waterfowl, and secretive marsh birds) will be conducted and 50 waterfowl nesting structures will be monitored and improved. Wild rice will be seeded in the impoundment and 70 acres of upland food plots adjacent to the impoundment will be established during 2004 and 2005.

## **III. PROGRESS SUMMARY AS OF:**

**30 November, 2003**

**30 March, 2004**

**30 November, 2004**

**30 March, 2005**

**30 November, 2005**

**30 June, 2006**

## **IV. OUTLINE OF PROJECT RESULTS:**

**Result 1:** Waterfowl and public access enhancement activities at Good Lake Impoundment.

**Description:** To promote public use, three boat access ramps and visitor parking areas will be repaired and maintained, and access roads leading to the impoundment will be improved. Activities will include vegetation removal, earth moving, and road grading. Woody vegetation will be removed and suppressed on an 80-acre nesting island. Sprouting trees and brush will be set back using site-specific chemical applications and mechanical cutting, and residual woody debris will be piled and burned, to provide 50 acres of open grassland nesting cover on the island. Maintenance of grasslands adjacent to impoundment and on small islands / hunter blind sites will be conducted to set back encroachment of woody vegetation. Surveys of resident wildlife populations (waterfowl, small mammals, and secretive marsh birds) will be conducted. Information will be used to guide future management activities. Fifty waterfowl nesting structures located within the impoundment will be refurbished, monitored and maintained to promote local recruitment. Natural strain wild rice (3,000 pounds) will be seeded into the impoundment, and 70 acres of upland food plots will be established in 2004 and 2005 adjacent to the impoundment to promote use by migrating waterfowl and other wildlife.



<b>Summary Budget Information for Result 1:</b>	<b>LCMR Budget Balance</b>	<b><u>\$90,150.00</u></b> <b><u>\$90,150.00</u></b>
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	<b>Personnel</b>	<b>Equipment</b>	<b>Development</b>	<b>Other</b>	<b>Total</b>
<b>LCMR</b>	\$0.00	\$7,830.00	\$82,320.00	\$0.00	\$90,150.00
<b>BIA</b>	\$136,116.72	\$0.00	\$2,000.00	\$24,952.64	\$163,069.36
<b>RLB</b>	\$0.00	\$20,000.00	\$0.00	\$0.00	\$20,000.00
<b>Total</b>	\$136,116.72	\$27,830.00	\$84,320.00	\$24,952.64	\$273,219.36

**Completion Date:**

**Result Status as of 30 November, 2003:**  
**Result Status as of 30 March, 2004:**  
**Result Status as of 30 November, 2004:**  
**Result Status as of 30 March, 2005:**  
**Result Status as of 30 November, 2005:**  
**Result Status as of 30 June, 2006:**

**Final Report Summary:**

**V. TOTAL LCMR PROJECT BUDGET:**

**All Results: Personnel: \$0.00**  
**All Results: Equipment: \$7,830.00**  
**All Results: Development \$82,320.00**

**TOTAL LCMR PROJECT BUDGET: \$90,150.00**

Total Red Lake Project Budget by Category and Funding Source:

	Budget	Beginning Balance	Current Invoice	Ending Balance
<b>Personnel</b>				
LCMR	\$0.00	\$0.00		
BIA/COF	\$136,116.72	\$136,116.72		
RLBCI	\$0.00	\$0.00		
Total	\$136,116.72	\$136,116.72		
<b>Equipment</b>				
LCMR*	\$7,830.00	\$7,830.00		
BIA/COF	\$0.00	\$0.00		
RLBCI	\$20,000.00	\$20,000.00		
Total	\$27,830.00	\$27,830.00		
<b>Development</b>				
LCMR	\$82,320.00	\$82,320.00		
BIA/COF	\$2,000.00	\$2,000.00		
RLBCI	\$0.00	\$0.00		
Total	\$84,320.00	\$84,320.00		
<b>Other</b>				
LCMR	\$0.00	\$0.00		
BIA/COF	\$24,952.64	\$24,952.64		
RLBCI	\$0.00	\$0.00		
Total	\$24,952.64	\$24,952.64		
<b>TOTAL</b>				
LCMR	\$90,150.00	\$90,150.00		
BIA/COF	\$163,069.36	\$163,069.36		
RLBCI	\$20,000.00	\$20,000.00		
Grand Total	\$273,219.36	\$273,219.36		

**VI. PAST, PRESENT, AND FUTURE SPENDING:**

**A. Past Spending:**

The Good Lake Waterfowl Enhancement Project began in July, 2002. Project activities continue, and are supported by commitments from LCMR Project: "Restoring Minnesota's Fish and Wildlife Corridors" - #CH-010-2e (\$137,492.00), the U. S. Bureau of Indian Affairs' Circle of Flight Program (\$80,700.00), and the Red Lake Band of Chippewa Indians (\$43,750.00).

**B. Current Spending:**

In addition to LCMR dollars, Phase II activities will be supported by the U. S. Bureau of Indian Affairs' Circle of Flight Program (\$163,069.36), and in-kind contributions from the Red Lake Band of Chippewa Indians (\$20,000.00).

**C. Required Match:**

**D. Future Spending:**

The Red Lake Band of Chippewa Indians will continue to manage this area for waterfowl and other wetland-dependant wildlife populations after completion of Phase II objectives. The site will likely be considered for future restoration and enhancement efforts, as well as research projects. The Red Lake Band will support maintenance activities and future projects (restoration and/or research) could be supported by a wide variety of funding sources.

**VII. PROJECT PARTNERS:**

**A. Partners Receiving LCMR Funds:**

**B. Project Cooperators:**

**VIII. DISSEMINATION:**

The Red Lake Band and Bureau of Indian Affairs (Circle of Flight) have partnered with a wide variety of federal, state, and private wildlife organizations during the past 10 years and have successfully completed a number of "high profile" wildlife habitat enhancement/restoration projects. Members of the U. S. Fish and Wildlife Service's Northern Tallgrass Prairie Ecosystem Team toured the Good Lake project site in 2001, and Phase I project results have been presented at several professional fish and wildlife meetings. The successful completion of this project will undoubtedly attract additional partners for future management efforts in and around the Good Lake project site.

**IX. LOCATION:**

The project site is located near the western edge of the Diminished Red Lake Indian Reservation, in northern Clearwater County.

**X. REPORTING REQUIREMENTS:**

Periodic work program progress reports will be submitted not later than 30 November, 2003; 30 March, 2004; 30 November, 2004; 30 March, 2005; and 30 November, 2005 to LCMR. A final work program report and associated products will be submitted by 30 June, 2006.



Attachment A. Deliverable Products and Related Budget – LCMR Funds Only

**Project Title: Good Lake Waterfowl Restoration Project, Phase II.**

**Legal Citation: ML 2003, Chap. 128, Art. 1, Sec. 9, Subd. 5(b).**

**Period covered by reimbursement request:**

Budget Item	Budget	Beginning Balance	Current Invoice	Ending Balance
<b>Personnel</b>	\$0.00			
<b>Equipment</b> 2 – hand planters @ \$550.00 2 – drip torches @ \$380.00 3 – brush saws @ \$4,500.00 2 – chain saws @ \$900.00 3 sets protective clothing / equip. @ \$1,500.00	\$7,830.00			
<b>Development</b> <b>“vendor services”</b> field prep. / seeding 30 acres mixed seed food plot (2 yrs.) @ \$10,970.00 field prep. / seeding 40 acres barley food plots (2 yrs.) @ \$13,600.00 heavy equipment clearing / piling debris (100 hrs.) @ \$9,000.00 2 – aerial herbicide treatments (65 acres) @ \$1,950.00 site prep. for seeding lg island (65 acres) @ \$5,850.00 aerial seed application (65 acres) @ \$4,875.00 heavy equipment improving sm. islands / blinds (160 hrs.) @ \$14,400.00 heavy equipment improving access (roads, ramps, parking) (60 hrs.) @ \$5,400.00 Design, construction, placement of 5 interpretive signs @ \$2,000.00 <b>“supplies”</b> survey materials (optics, recorders, tapes, traps, etc.) @ \$2,000.00	\$82,320.00			

nest structure materials (hardware, lumber, fill) @ \$1,275.00				
wild rice seed (3,000 lbs.) @ \$6,000.00				
fuel, equipment repairs and maintenance @ 5,000.00				
<b>Other</b>	\$0.00			
<b>TOTAL</b>	<b>\$90,150.00</b>			