

LCCMR Work Program Final Report
Restoring Minnesota's Fish and Wildlife Habitat Corridors Phase 3
Habitat Conservation Partnership

2E2: Circle of Flight - Leech Lake Band of Ojibwe

Project Manager: John Ringle **Fund:** Environment and Natural Resources Trust Fund
Affiliation: Leech Lake Band of Ojibwe
Address: 6530 HWY 2 NW
Cass Lake, MN 56633 **Legal Citation:** ML 2005 First Special Session,
Ch. 1, Art. 2, Sec. 11 Subd. 5a
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Total Biennial Project Budget

Result	Environmental Trust Fund	Environmental Trust Funds Spent	Environmental Trust Balance	Other Funds Proposed	Other Funds Spent
Restoration	\$28,000.00	\$28,000.00	\$0.00	\$50,000.00	\$50,000.00
Total	\$28,000.00	\$28,000.00	\$0.00	\$50,000.00	\$50,000.00

Work Program Summary

Overall Project Outcome and Results

The goal of our portion of the Habitat Corridors Partnership was to improve habitat for nesting and foraging waterfowl within the boundaries of the Leech Lake Reservation. We conducted 1-year drawdowns on 2 controlled impoundments and managed water control structures on 16 others. We installed Clemson levelers (beaver control devices) on 2 impoundments and a natural flowage. We installed 150 new nest boxes at 16 locations and maintained and rehabilitated 80 others installed previously. Over 70% showed signs of waterfowl usage. We conducted prescribed burns on over 500 acres of marsh to enhance waterfowl nesting habitat. Monitoring will continue to be able to determine the effectiveness of our activities.

Project Results Use and Dissemination

Presentations have been made at the 20th Annual Native American Fish and Wildlife Society meeting at Lac du Flambeau Reservation in Wisconsin in September 2007 in addition to local talks by our Fish and Wildlife Staff. The projects with photos were written up in the Bureau of Indian Affairs Circle of Flight brochure published in Spring of 2008.

LCCMR Work Program Final Report

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Restoration Activities

Project Name: West Banks 2 Impoundment						
Project Area: 2 - Mississippi Headwaters						
Activity: Wetland Enhancement						
Land Type: Tribal - Lake						
Description: This impoundment was drawn down to allow vegetation desirable for waterfowl cover and food to regrow as well as to eliminate any fish that have become established.						
				Acres	Shoreline Feet	# NestBoxes
Non-Prorated Totals:				17.00	0.00	0.00
Funding Type	Funds Use	Funding Amount	Prorated Acres	Shoreline Feet	# NestBoxes	
ETF	Restoration	\$374.00	11.08	0.00	0.00	
ETF	Restoration	\$200.00	5.92	0.00	0.00	
West Banks 2 Impoundment Total:		\$574.00	17.00	0.00	0.00	

Project Name: West Banks I Impoundment						
Project Area: 2 - Mississippi Headwaters						
Activity: Wetland Enhancement						
Land Type: Tribal - Lake						
Description: This impoundment was drawn down to allow vegetation desirable for waterfowl cover and food to regrow as well as to eliminate any fish that have become established.						
				Acres	Shoreline Feet	# NestBoxes
Non-Prorated Totals:				5.00	0.00	0.00
Funding Type	Funds Use	Funding Amount	Prorated Acres	Shoreline Feet	# NestBoxes	
ETF	Restoration	\$373.00	3.25	0.00	0.00	
ETF	Restoration	\$200.00	1.75	0.00	0.00	
West Banks I Impoundment Total:		\$573.00	5.00	0.00	0.00	

LCCMR Work Program Final Report

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

2E2: Circle of Flight - Leech Lake Band of Ojibwe

Project Name: Brush Lake Impoundment						
Project Area: 2 - Mississippi Headwaters						
Activity: Wetland Restoration						
Land Type: Tribal - Lake						
Description: Additional renovations were made to the dike and water control to enhance the value of the impoundment for waterfowl.						
				Acres	Shoreline Feet	# NestBoxes
Non-Prorated Totals:				27.00	0.00	0.00
Funding Type	Funds Use	Funding Amount	Prorated Acres	Shoreline Feet	# NestBoxes	
ETF	Restoration	\$7,530.00	27.00	0.00	0.00	
Brush Lake Impoundment Total:		\$7,530.00	27.00	0.00	0.00	

Project Name: Ketchum Impoundment						
Project Area: 2 - Mississippi Headwaters						
Activity: Wetland Enhancement						
Land Type: Tribal - Lake						
Description: Ketchum Impoundment is managed to enhance waterfowl reproduction as well as provide habitat for other species that utilize semi open marshes. A major bog removal project, leveler replacement, and dike renovation was conducted in 2007.						
				Acres	Shoreline Feet	# NestBoxes
Non-Prorated Totals:				38.00	0.00	0.00
Funding Type	Funds Use	Funding Amount	Prorated Acres	Shoreline Feet	# NestBoxes	
ETF	Restoration	\$3,907.00	38.00	0.00	0.00	
Ketchum Impoundment Total:		\$3,907.00	38.00	0.00	0.00	

Project Name: Boy River meadows						
Project Area: 2 - Mississippi Headwaters						
Activity: Wetland Enhancement						
Land Type: Private - Lake						
Description: A prescribed burn was conducted on tribal lands along the Boy River, in conjunction with other landowners, to enhance habitat for waterfowl and other species that utilize this habitat.						
				Acres	Shoreline Feet	# NestBoxes
Non-Prorated Totals:				500.00	0.00	0.00
Funding Type	Funds Use	Funding Amount	Prorated Acres	Shoreline Feet	# NestBoxes	
ETF	Restoration	\$1,400.00	500.00	0.00	0.00	
Boy River meadows Total:		\$1,400.00	500.00	0.00	0.00	

LCCMR Work Program Final Report

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

2E2: Circle of Flight - Leech Lake Band of Ojibwe

Project Name: Battle Point Prescribed Burn						
Project Area: 2 - Mississippi Headwaters						
Activity: Wetland Enhancement						
Land Type: Tribal - Lake						
Description: A prescribed burn was conducted on wetland habitat at Battle Point to enhance habitat for nesting waterfowl and other speices that utilize this habitat.						
				Acres	Shoreline Feet	# NestBoxes
Non-Prorated Totals:				40.00	0.00	0.00
Funding Type	Funds Use	Funding Amount	Prorated Acres	Shoreline Feet	# NestBoxes	
ETF	Restoration	\$1,400.00	40.00	0.00	0.00	
Battle Point Prescribed Burn Total:		\$1,400.00	40.00	0.00	0.00	

Project Name: Winnie Ponds						
Project Area: 2 - Mississippi Headwaters						
Activity: Wetland Enhancement						
Land Type: Tribal - Lake						
Description: A prescribed burn was conducted on wetland habitat at the Winnie Ponds Fish and Wildlife Area to enhance habitat for nesting waterfowl and other speices that utilize this habitat.						
				Acres	Shoreline Feet	# NestBoxes
Non-Prorated Totals:				47.00	0.00	0.00
Funding Type	Funds Use	Funding Amount	Prorated Acres	Shoreline Feet	# NestBoxes	
ETF	Restoration	\$1,400.00	47.00	0.00	0.00	
Winnie Ponds Total:		\$1,400.00	47.00	0.00	0.00	

Project Name: Black Smith Ponds nestboxes						
Project Area: 2 - Mississippi Headwaters						
Activity: Nestbox Installed						
Land Type: Tribal - Lake						
Description: Nest boxes were installed to provide nesting locations for cavity nesting waterfowl.						
				Acres	Shoreline Feet	# NestBoxes
Non-Prorated Totals:				0.00	0.00	12.00
Funding Type	Funds Use	Funding Amount	Prorated Acres	Shoreline Feet	# NestBoxes	
ETF	Restoration	\$780.00	0.00	0.00	12.00	
Black Smith Ponds nestboxes Total:		\$780.00	0.00	0.00	12.00	

LCCMR Work Program Final Report

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

2E2: Circle of Flight - Leech Lake Band of Ojibwe

Project Name: Third River Flowage						
Project Area: 2 - Mississippi Headwaters						
Activity: Nestbox Installed						
Land Type: Tribal - Lake						
Description: Nest boxes were installed to provide nesting habitat for cavity nesting waterfowl						
				Acres	Shoreline Feet	# NestBoxes
Non-Prorated Totals:				0.00	0.00	12.00
Funding Type	Funds Use	Funding Amount	Prorated Acres	Shoreline Feet	# NestBoxes	
ETF	Restoration	\$780.00	0.00	0.00	12.00	
Third River Flowage Total:		\$780.00	0.00	0.00	12.00	

Project Name: Sugar Lake Road Pond						
Project Area: 2 - Mississippi Headwaters						
Activity: Nestbox Installed						
Land Type: Tribal - Lake						
Description: Nest boxes were installed to provide nesting locations for cavity nesting waterfowl						
				Acres	Shoreline Feet	# NestBoxes
Non-Prorated Totals:				0.00	0.00	10.00
Funding Type	Funds Use	Funding Amount	Prorated Acres	Shoreline Feet	# NestBoxes	
ETF	Restoration	\$650.00	0.00	0.00	10.00	
Sugar Lake Road Pond Total:		\$650.00	0.00	0.00	10.00	

Project Name: Quey Jensen Road Pond						
Project Area: 2 - Mississippi Headwaters						
Activity: Nestbox Installed						
Land Type: Tribal - Lake						
Description: Nest boxes were installed to provide nesting locations for cavity nesting waterfowl.						
				Acres	Shoreline Feet	# NestBoxes
Non-Prorated Totals:				0.00	0.00	10.00
Funding Type	Funds Use	Funding Amount	Prorated Acres	Shoreline Feet	# NestBoxes	
ETF	Restoration	\$650.00	0.00	0.00	10.00	
Quey Jensen Road Pond Total:		\$650.00	0.00	0.00	10.00	

LCCMR Work Program Final Report

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

2E2: Circle of Flight - Leech Lake Band of Ojibwe

Project Name: Mettler Road Pond						
Project Area: 2 - Mississippi Headwaters						
Activity: Nestbox Installed						
Land Type: Tribal - Lake						
Description: Nest boxes were installed to provide nesting locations for cavity nesting waterfowl.						
				Acres	Shoreline Feet	# NestBoxes
Non-Prorated Totals:				0.00	0.00	12.00
Funding Type	Funds Use	Funding Amount	Prorated Acres	Shoreline Feet	# NestBoxes	
ETF	Restoration	\$780.00	0.00	0.00	12.00	
Mettler Road Pond Total:		\$780.00	0.00	0.00	12.00	

Project Name: Kitchi Creek						
Project Area: 2 - Mississippi Headwaters						
Activity: Nestbox Installed						
Land Type: Tribal - Lake						
Description: Nest boxes were installed to provide nesting locations for cavity nesting waterfowl.						
				Acres	Shoreline Feet	# NestBoxes
Non-Prorated Totals:				0.00	0.00	14.00
Funding Type	Funds Use	Funding Amount	Prorated Acres	Shoreline Feet	# NestBoxes	
ETF	Restoration	\$910.00	0.00	0.00	14.00	
Kitchi Creek Total:		\$910.00	0.00	0.00	14.00	

Project Name: Silver Lake						
Project Area: 2 - Mississippi Headwaters						
Activity: Nestbox Installed						
Land Type: Tribal - Lake						
Description: Nest boxes were installed to provide nesting locations for cavity nesting waterfowl.						
				Acres	Shoreline Feet	# NestBoxes
Non-Prorated Totals:				0.00	0.00	8.00
Funding Type	Funds Use	Funding Amount	Prorated Acres	Shoreline Feet	# NestBoxes	
ETF	Restoration	\$520.00	0.00	0.00	8.00	
Silver Lake Total:		\$520.00	0.00	0.00	8.00	

LCCMR Work Program Final Report

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

2E2: Circle of Flight - Leech Lake Band of Ojibwe

Project Name: Three Island Lake						
Project Area: 2 - Mississippi Headwaters						
Activity: Nestbox Installed						
Land Type: Tribal - Lake						
Description: Nest boxes were installed to provide nesting locations for cavity nesting waterfowl.						
				Acres	Shoreline Feet	# NestBoxes
Non-Prorated Totals:				0.00	0.00	14.00
Funding Type	Funds Use	Funding Amount	Prorated Acres	Shoreline Feet	# NestBoxes	
ETF	Restoration	\$910.00	0.00	0.00	14.00	
Three Island Lake Total:		\$910.00	0.00	0.00	14.00	

Project Name: Mud Lake						
Project Area: 2 - Mississippi Headwaters						
Activity: Nestbox Installed						
Land Type: Tribal - Lake						
Description: Nest boxes were installed to provide nesting locations for cavity nesting waterfowl.						
				Acres	Shoreline Feet	# NestBoxes
Non-Prorated Totals:				0.00	0.00	12.00
Funding Type	Funds Use	Funding Amount	Prorated Acres	Shoreline Feet	# NestBoxes	
ETF	Restoration	\$780.00	0.00	0.00	12.00	
Mud Lake Total:		\$780.00	0.00	0.00	12.00	

Project Name: Cedar Lake						
Project Area: 2 - Mississippi Headwaters						
Activity: Nestbox Installed						
Land Type: Tribal - Lake						
Description: Nest boxes were installed to provide nesting locations for cavity nesting waterfowl.						
				Acres	Shoreline Feet	# NestBoxes
Non-Prorated Totals:				0.00	0.00	14.00
Funding Type	Funds Use	Funding Amount	Prorated Acres	Shoreline Feet	# NestBoxes	
ETF	Restoration	\$910.00	0.00	0.00	14.00	
Cedar Lake Total:		\$910.00	0.00	0.00	14.00	

LCCMR Work Program Final Report

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

2E2: Circle of Flight - Leech Lake Band of Ojibwe

Project Name: Woodtick Tail Road Pond						
Project Area: 2 - Mississippi Headwaters						
Activity: Nestbox Installed						
Land Type: Tribal - Lake						
Description: Nest boxes were installed to provide nesting locations for cavity nesting waterfowl.						
				Acres	Shoreline Feet	# NestBoxes
Non-Prorated Totals:				0.00	0.00	12.00
Funding Type	Funds Use	Funding Amount	Prorated Acres	Shoreline Feet	# NestBoxes	
ETF	Restoration	\$780.00	0.00	0.00	12.00	
Woodtick Tail Road Pond Total:		\$780.00	0.00	0.00	12.00	

Project Name: Ten Section Lake						
Project Area: 2 - Mississippi Headwaters						
Activity: Nestbox Installed						
Land Type: Tribal - Lake						
Description: Nest boxes were installed to provide nesting locations for cavity nesting waterfowl.						
				Acres	Shoreline Feet	# NestBoxes
Non-Prorated Totals:				0.00	0.00	8.00
Funding Type	Funds Use	Funding Amount	Prorated Acres	Shoreline Feet	# NestBoxes	
ETF	Restoration	\$520.00	0.00	0.00	8.00	
Ten Section Lake Total:		\$520.00	0.00	0.00	8.00	

Project Name: Little LuLu Lake						
Project Area: 2 - Mississippi Headwaters						
Activity: Nestbox Installed						
Land Type: Tribal - Lake						
Description: Nest boxes were installed to provide nesting locations for cavity nesting waterfowl.						
				Acres	Shoreline Feet	# NestBoxes
Non-Prorated Totals:				0.00	0.00	12.00
Funding Type	Funds Use	Funding Amount	Prorated Acres	Shoreline Feet	# NestBoxes	
ETF	Restoration	\$780.00	0.00	0.00	12.00	
Little LuLu Lake Total:		\$780.00	0.00	0.00	12.00	

LCCMR Work Program Final Report

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2E2: Circle of Flight - Leech Lake Band of Ojibwe

Project Name: Middle Pigeon Flowage						
Project Area: 2 - Mississippi Headwaters						
Activity: Wetland Restoration						
Land Type: Tribal - Lake						
Description: A Clemson beaver baffle was installed in Middle Pigeon Creek to restore the water flow to the system and prevent damage to the wild rice that is important to waterfowl that use the area.						
				Acres	Shoreline Feet	# NestBoxes
Non-Prorated Totals:				0.00	0.00	0.00
Funding Type	Funds Use	Funding Amount	Prorated Acres	Shoreline Feet	# NestBoxes	
ETF	Restoration	\$801.00	0.00	0.00	0.00	
Middle Pigeon Flowage Total:		\$801.00	0.00	0.00	0.00	

Restoration Project Totals

Funding Type	Funding Amount	Prorated Acres	Shoreline Feet	# NestBoxes
ETF	\$27,335.00	674.00	0.00	150.00
Other Funds	\$0.00	0.00	0.00	0.00
State Funds	\$0.00	0.00	0.00	0.00
Partner's State Leveraged Funds	\$0.00	0.00	0.00	0.00
Other	\$0.00	0.00	0.00	0.00
Total	\$27,335.00	674.00	0.00	150.00

LCCMR Work Program Final Report

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Work Program Expenditures Not Attributable to Specific Projects

Funding Type	Funding Category	Amount	Description
ETF	Admin	\$665.00	Biologist time for planning and implementing projects.
Other Funds	Supplies and Misc	\$50,000.00	Staff time, vehicle and other expenses paid for by the BIA "Circle of Flight" Tribal Fund.
Total		\$50,665.00	

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

Funding Type	Funding Amount
ETF	\$665.00
Other Funds	\$50,000.00
State Funds	\$0.00
Partner's State Leveraged Funds	\$0.00
Other	\$0.00
Total	\$50,665.00

Work Program Expenditures Breakdown

Expenditure	ETF Funds	Other Funds	State Funds	Partners State Leveraged Funds	Other
Restoration Projects	\$27,335.00	\$0.00	\$0.00	\$0.00	\$0.00
Not Attributable to Specific Projects	\$665.00	\$50,000.00	\$0.00	\$0.00	\$0.00
Total	\$28,000.00	\$50,000.00	\$0.00	\$0.00	\$0.00

Funding Type Definitions

ETF:	Grant dollars provided through the Minnesota Environment and Natural Resources Trust Fund
Other Funds:	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)
State Funds:	State Funds expended on HCP projects (not eligible for use as other funds commitment)
Partners State Leveraged Funds:	Non state funds that have leveraged state funds as part of an HCP project (not eligible for use as other funds commitment)
Other:	Any other expenditures (e.g. grant income funds)

Attachment A: Budget Detail for 2005 Projects

Project Title: Restoring Minnesota's Fish & Wildlife Habitat Corridors Phase III - Circle of Flight (2e2)

Legal Citation: ML 2005 First Special Session, Chapter 1, Art. 2, Sec. 11 Subd. 5(a) - Phase III

Project Manager Name: John P. Ringle

LCMR Requested Dollars: \$28,000.

2005 LCMR Proposal Budget	<u>Result 1 Budget:</u>	Amount Spent 1/30/08	Balance 1/30/087	
	Habitat Ennacement for Waterfowl.			
BUDGET ITEM				TOTAL FOR BUDGET ITEM
PERSONNEL: Staff Expenses, wages, salaries - Field Technician 1	6,500	6,500	0	6,500
Field Technician 2	6,500	6,500	0	6,500
PERSONNEL: Staff benefits – Field Technician 1	2,000	2,000	0	2,000
Field Technician 2	2,000	2,000	0	2,000
Contracts				
Professional/technical : <i>Leech Lake Public Works Dept. for Heavy equipment usage and operator</i>	2,000	2,000	0	2,000
Equipment / Tools - <i>Materials for nest boxes, Clemson levelers, culvert and pipe, dam boards, misc. hardware</i>	9,000	9,000	0	9,000
COLUMN TOTAL	28,000	28,000	0	28,000

Habitat Conservation Partnership 2E2 - Phase III Accomplishments -Circle of Flight- *Red Lake Band of Chippewa Indians*

