

# Manitoba Model Forest Inc. 2008-09

## Annual Report and Financial Report To The Forest Communities Program



August, 2009

## Table of Contents

1.0 Introduction.....	3
2.0 Activity and Project Reports.....	5
3.0 Progress Towards Intended Outcomes .....	65
3.1 Immediate Outcomes .....	67
3.2 Intermediate Outcomes .....	72
3.3 Long-term Outcomes .....	75
4.0 Annual Financial Report.....	77
5.0 Other .....	81

## 1.0 Introduction

This is the second annual report of the Manitoba Model Forest (MBMF) under the Forest Communities Program (FCP) of Natural Resources Canada. The format of this report follows the template provided by the Canadian Forest Service, and covers the period from April 1, 2008 to March 31, 2009. During this period, cash funding to the MBMF was \$694,448 from all sources (including \$325,000 from Natural Resources Canada – Canadian Forest Service under the FCP), with an additional estimated in-kind contribution of \$1.146 million from all partners.

All projects implemented in 2008-09 (and described in this Annual Report) have a basis in our 5 Year Strategic Plan. As such, all projects and activities also meet the objectives of the FCP. It is important to note that due to the large number of projects and activities in the MBMF Annual Work Plan, not all projects received cash funding from the FCP. Many projects received cash funding from other project partners only. Regardless of the funding source, all projects and activities of the MBMF fall under the 5 Year Strategic Plan, and thus, the FCP.

Under the FCP, the MBMF has developed six main program theme areas. This includes 1) program administration, 2) forest community engagement and capacity building, 3) integrated landscape management, 4) education, 5) international programs, and 6) communications and networking.

Under the Forest Community Engagement and Capacity Building theme area, the Committee for Cooperative Moose Management undertook aerial surveys to assess the moose population in Game Hunting Area 36, just south of the MBMF area. Hollow Water First Nation and Black River First Nation, members of the moose committee, applied for funding to Indian and Northern Affairs Canada to continue to explore options for a moose co-management regime with the Province of Manitoba. In addition, the Hollow Water First Nation and Black River First Nation Traditional Area Advisory Committees (TAACs) met frequently in their communities to discuss resource management issues in their traditional territories. The Community Opportunities Program, a fund provided by the MBMF to local communities and organizations, funded 9 community-based projects. A new project through the West Region Tribal Council was initiated to document traditional land use in the Duck Mountains of western Manitoba. The Manitoba Trappers Association and Tembec Inc. continued with final revisions to the long-awaited document “Integrating Furbearer Habitat Requirements and Trapper Concerns in Forestry Development”. Finally, a series of community workshops were held to explore economic opportunities in the development of a non-timber forest product (NTFP) sector in eastern Manitoba. These preliminary workshops will be followed by more intensive NTFP training.

Under the Integrated Landscape Management theme area, several science-based research and monitoring projects initiated under the former Model Forest Program continued. The Eastern Manitoba Woodland Caribou Advisory Committee, a committee of the MBMF, was very active. The committee developed a draft conservation strategy for the Atiko and Bloodvein woodland caribou ranges, undertook aerial surveys for caribou, moose, wolves and deer in the Owl Lake caribou range, conducted a caribou recruitment (birth) and survival study, utilized a computer model to predict caribou calving locations, and continued to monitor caribou habitat use response to an experimental forest harvest using GPS collars on the animals. The committee’s research was presented at 2 international conferences. Discussions were initiated with partners in western Manitoba, including Louisiana Pacific Corp., Ducks Unlimited Canada, Manitoba Water Stewardship and three Conservation Districts, to initiate a watershed management project in the Duck Mountains. The water quality monitoring program in the MBMF in eastern Manitoba continued. Long-term vegetation study plots were established in riparian forests adjacent to a lake in the MBMF to examine the ecological

effects of leaving forested riparian buffer strips during harvesting. Similar long-term monitoring plots were also established in the Bois des Esprit, a new protected area in the City of Winnipeg. A project to identify and document locations of rare plants in the MBMF area helped to identify almost 250 sites containing 6 rare plant species. This information will contribute to forest management planning. A national landscape design workshop was held by the MBMF to initiate a process to develop new guidelines in the province. Finally, a computer visualization tool was developed which depicts the impacts of a major wind throw event in the Whiteshell Provincial Park, along with the future regeneration of the forest. This draft product will be finalized in the following year and an educational DVD will be developed and used in provincial park interpretive programs.

Under the Education theme area, more than 50 presentations about the MBMF and our new programs were made to schools, NGOs, government agencies and other organizations. The Winnipeg River Learning Centre, in its second year of operation, offered a myriad of training programs. The centre had a record enrollment, with almost 200 fulltime and part-time students. The majority of students were Aboriginal. The MBMF held its first Junior Ranger program for the first time in several years. Thirty students from 8 communities in eastern and western Manitoba, as well as north western Ontario, participated in the 2 summer programs. Training of school teachers, as well as students in the Faculty of Education at the University of Winnipeg (our future teachers) in MBMF natural resource curricula provided a mechanism for the use of our curricula in schools across the province. The MBMF Education Coordinator made presentations to more than 250 teachers and almost 1,000 students in 2008-09. The MBMF continued to assist the Manitoba Forestry Association with its ever popular Landowner and Woodlot Education series. Approximately 680 people attended the 27 woodlot education workshops and tours. Finally, the MBMF held a series of Fire Smart workshops in eastern Manitoba to address the significant risk to forest fire faced by many communities.

Under the International theme area, a contribution agreement with the Canadian International Development Agency (CIDA) was signed to initiate a project on ethno-tourism with the Indigenous Nairi Awari communities of Costa Rica. The MBMF General Manager and the MBMF President met with the project communities in Costa Rica to launch the project. As part of the project, the community of Jameikari constructed a cabin, shower/washroom facilities and hiking trail upgrades.

Under the Communications theme area, the MBMF developed several new communication products, including a new brochure and a new edition of our newsletter "For All Our Relations". The creation of a 15 year summary of the achievements of the MBMF was initiated, as well as the design of a new logo. The MBMF supported the creation and publication of a hard cover picture book of the east side of Lake Winnipeg, and donated copies to each school and regional library in the MBMF area.

## 2.0 Activity and Project Reports

The following section provides a summary of each of the projects and/or activities that were undertaken by the MBMF in the 2008-09 program year. For each project, the purpose and a description of the activities and achievements are provided, as well as a summary of each project budget, contributing partners and the outputs. Projects are organized by Theme Area. Each Theme Area is color-coded (see below) to easily identify which theme area a project falls under.

Color Codes for Theme Areas

Management and Administration
Forest Community Engagement and Capacity Building
Integrated Landscape Management
Education
International Programs
Communications and Outreach

<b>Project Title:</b> Staff Salaries and Associated Deductions <b>Project Number:</b> 08-1-01 <b>Theme Area:</b> Management and Administration <b>Project Leader:</b> Beverly Dube, MBMF <b>Project Status:</b> On-going, Year 2 of 5	2008-09
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**Purpose:** To ensure the proper and timely management of the administrative affairs of the MBMF by supporting the salaries/contracts of the Executive Assistant and General Manager.

**Report:** Funding was used to pay the salary, Employment Insurance and Canada Pension Plan obligations of the MBMF Executive Assistant, as well as the contract for the General Manager. Note: Budgeted amounts do not include a Benefits package. Key activities include:

- Overseeing the efficient day to day operations of the office
- On-going budgeting and financial management of the MBMF
- Development of the first Annual Report to the FCP for the period of October 1, 2007 to March 31, 2008
- Implementation of the 2008-09 Annual Work Plan
- Development of budgets and 2009-10 Annual Work Plan under the FCP
- Coordination of strategic and project planning and administration
- Development of funding proposals, including a new study on wolves funded by the Sustainable Development Innovations Fund (see project caribou project 08-2-33)
- Development of a contribution agreements:
  - Canadian International Development Agency (CIDA) and Brokenhead Ojibway Nation, for the implementation of an ethno-tourism project with the Cabecar Indigenous peoples of Costa Rica (see project 08-6-01)
  - Science Horizons Youth Internship Program, for the terrestrial bio-monitoring project (see project 08-2-06)
  - First Nations Forestry Program and Brokenhead Ojibway Nation for the Junior Rangers program (see project 08-4-08)
- Preparation of financial and activity reports to the MBMF Board of Directors for Board meetings
- Organizing MBMF Working Group meetings and individual project steering committee meetings
- Negotiation of funding contracts with MBMF funders and preparation of invoices
- Presentations to new and existing partners and interested parties re: FCP
- Networking with, and attendance at meetings of the Canadian Model Forest Network and the International Model Forest Network

Note: There was a slight over expenditure of FCP funding (expenses exceeded budget by \$374). This over expenditure was paid by MBMF funds.

<b>Expenditures and Contributions:</b>			
<b>Project Expenditures</b>	<b>Cash</b>	<b>In-kind</b>	<b>Total</b>
Administration	\$114,534	-	\$114,534
Project Activities	-	-	-
<b>Total</b>	<b>\$114,534</b>	<b>-</b>	<b>\$114,534</b>
<b>Project Contributions</b>			
NR-Can-CFS (FCP)	\$114,160	-	\$114,160

<b>Total</b>	<b>\$114,160</b>	<b>-</b>	<b>\$114,160</b>
<b>Outputs:</b>			
<ul style="list-style-type: none"> <li>▪ Contribution agreements with other funding partners</li> <li>▪ F2007-08 Annual (Six Month) Report to the FCP</li> <li>▪ Implementation of F2008-09 Annual Work Plan</li> <li>▪ F2009-10 Annual Work Plan</li> <li>▪ Budgets and financial reports</li> <li>▪ Minutes of Board, Working Group and Project Committee meetings</li> <li>▪ Project planning documents</li> <li>▪ Governance Policies and Procedures</li> </ul>			
<b>Other Project Partners:</b> None			

<b>Project Title:</b> Supplies and Services <b>Project Number:</b> 08-1-02 <b>Theme Area:</b> Management and Administration <b>Project Leader:</b> Beverly Dube, MBMF <b>Project Status:</b> On-going, Year 2 of 5	2008-09
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**Purpose:** To provide for the proper functioning of the MBMF office, coverage for liability and the financial accountability of the MBMF

**Report:** Funding was used to pay for all office supplies and services, as well as accounting services for the financial audit and various insurances. Key activities and components included:

- Purchase of a digital camera, business cards, projector screen, computer monitor, software
- Service contract for photocopier
- Phone and internet service
- Mail and courier services
- Janitorial service
- Utilities (heat, lighting), office space
- Fire and theft insurance, Board of Directors Liability and Accident insurance
- Annual incorporation fee, Chamber of Commerce fee
- Audit and auditor fees
- Advertising in local newspapers

**Project Expenditures and Contributions:**

<b>Project Expenditures</b>	<b>Cash</b>	<b>In-kind</b>	<b>Total</b>
Administration	\$29,199	\$23,000	\$52,199
Project Activities	-	-	-
<b>Total</b>	<b>\$29,199</b>	<b>\$23,000</b>	<b>\$52,199</b>
<b>Project Contributions</b>	<b>Cash</b>	<b>In-kind</b>	<b>Total</b>
NR-Can-CFS (FCP)	\$29,000	-	\$29,000
MBMF	\$199	-	\$199
Tembec	-	\$23,000	\$23,000
<b>Total</b>	<b>\$29,199</b>	<b>\$23,000</b>	<b>\$52,199</b>

**Outputs:**

- Properly functioning MBMF office
- Insurance policies
- Financial audit for 2007-08

**Other Project Partners:** None

<b>Project Title:</b> Travel <b>Project Number:</b> 08-1-04 <b>Theme Area:</b> Management and Administration <b>Project Leader:</b> Beverly Dube, MBMF <b>Project Status:</b> On-going, Year 2 of 5	2008-09
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**Purpose:** To provide for travel to meetings, workshops and conferences relevant to the MBMF program for staff

**Report:** Funding was used to pay for travel (including airfare, hotel, mileage for personal vehicles, meals and incidentals) associated with attending meetings, workshops and conferences related to MBMF projects and programs. Travel rates are set by MBMF policy.

Funding was used to pay for travel for the following meetings/workshops:

- Attending International Model Forest Network Global Forum in Hinton, Alberta
- Project meetings with Reventazon Model Forest and visit to the indigenous community of Jameikari in Costa Rica
- Travel to Canadian Model Forest Network meetings
- Travel related to various local MBMF meetings (Board, working group, project steering committees)

Note: There was a slight over expenditure of FCP funding (expenses exceeded budget by \$51). This over expenditure was paid by MBMF funds.

**Project Expenditures and Contributions:**

<b>Project Expenditures</b>	<b>Cash</b>	<b>In-kind</b>	<b>Total</b>
Administration	\$9,051	-	\$9,051
Activities	-	-	-
<b>Total</b>	<b>\$9,051</b>	<b>-</b>	<b>\$9,051</b>
<b>Project Contributions</b>	<b>Cash</b>	<b>In-kind</b>	<b>Total</b>
NR-Can-CFS (FCP)	\$9,000	-	\$9,000
<b>Total</b>	<b>\$9,000</b>	<b>-</b>	<b>\$9,000</b>

**Outputs:**

- Staff travel to MBMF Board and Working Group/Project Steering Committee Meetings
- Meetings in Costa Rica re: eco-tourism project with Reventazon MF and community of Jameikari
- Attend and participate in IMFN Global Forum
- Participation in Canadian Model Forest Network meetings

**Other Project Partners:** None

<b>Project Title:</b> Board Support and Travel <b>Project Number:</b> 08-1-06 <b>Theme Area:</b> Management and Administration <b>Project Leader:</b> Beverly Dube, MBMF <b>Project Status:</b> On-going, Year 2 of 5	2008-09
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**Purpose:** To provide for travel and support for Board meetings

**Report:** The MBMF Board of Directors is made up of a large diversity of organizations and communities and provides support and direction to the MBMF programs. Funding in this “project” is used to pay for costs (meals, room rentals, mileage for Board members) associated with Board meetings.

- The MBMF Board met 5 times during the year. The focus of each meeting included review of progress on projects, budget reviews and development of the 2009-10 Annual Work Plan.
- The MBMF Board of Directors is comprised of 28 partner organizations/communities and 34 Board members. Louisiana Pacific and the Manitoba Forestry Association joined the Board of Directors in 2008-09.
- The MBMF held its Annual General Meeting on June 26, 2008. The AGM also was the official launch of the FCP in Manitoba. The meeting was attended by the Honourable Vic Toews, MP for Provencher and President of the Treasury Board of Canada, as well as other dignitaries and Canadian Forest Service staff.

**Project Expenditures and Contributions:**

<b>Project Expenditures</b>	<b>Cash</b>	<b>In-kind</b>	<b>Total</b>
Administration	\$16,000	\$39,000	\$55,000
Activities	-	-	-
<b>Total</b>	<b>\$16,000</b>	<b>\$39,000</b>	<b>\$55,000</b>

<b>Project Contributions</b>	<b>Cash</b>	<b>In-kind</b>	<b>Total</b>
NRCan-CFS (FCP)	\$16,000	-	\$16,000
Board members (26 organizations)	-	\$39,000	\$39,000
<b>Total</b>	<b>\$16,000</b>	<b>\$39,000</b>	<b>\$55,000</b>

- Outputs:**
- Board meeting minutes
  - Approved 2009-10 Annual Work Plan
  - Approved Annual Budgets
  - Program/Project Planning Documents.

**Other Project Partners:** Board members, representing 26 organizations

<b>Project Title:</b> Forest Community Engagement and Capacity Building Working Group Support <b>Project Number:</b> 08-5-01 <b>Theme Area:</b> Forest Community Engagement and Capacity Building <b>Project Leader:</b> Brian Kotak, MBMF <b>Project Status:</b> On-going, Year 2 of 5			2008-09
<b>Purpose:</b> To provide for travel and support for the Working Group meetings and for members to attend conferences and other relevant meetings			
<b>Report:</b> The Forest Community Engagement and Capacity Building Working Group meets periodically to develop work plans and track progress of on-going projects under the working group's direction (i.e., under the theme area of the same name). Funding is used to pay for costs associated with Working Group meetings including mileage, meals, room rentals and travel of working group members to other relevant meetings and/or conferences <ul style="list-style-type: none"> <li>▪ The Working Group met once, on January 7, 2009. The Work Group discussed the prioritization of projects for the FY2009-10 work plan year.</li> <li>▪ Travel support for MBMF Forest Community Engagement consultant to attend Manitoba Mining Association annual conference in Winnipeg. The conference had a 1 day session on Aboriginal involvement in the mining sector.</li> </ul>			
<b>Project Expenditures and Contributions</b>			
<b>Project Expenditures</b>	<b>Cash</b>	<b>In-kind</b>	<b>Total</b>
Administration	-	-	-
Activities	\$2,500	\$6,600	\$9,100
<b>Total</b>	<b>\$2,500</b>	<b>\$6,600</b>	<b>\$9,100</b>
<b>Project Contributions</b>			
	<b>Cash</b>	<b>In-kind</b>	<b>Total</b>
NRCan-CFS (FCP)	\$2,500	-	\$2,500
Tembec	-	\$300	\$300
Shining Waters Heritage Region	-	\$300	\$300
Manitoba Conservation	-	\$600	\$600
Manitoba Trappers Association	-	\$300	\$300
Manitoba Hydro	-	\$300	\$300
Brokenhead Ojibway Nation	-	\$600	\$600
Black River First Nation	-	\$1,800	\$1,800
Hollow Water First Nation	-	\$1,200	\$1,200
Louisiana Pacific	-	\$300	\$300
Winnipeg River Learning Centre	-	\$300	\$300
Woodlot Association of MB	-	\$300	\$300
MB Metis Federation	-	\$300	\$300
<b>Total</b>	<b>\$2,500</b>	<b>\$6,600</b>	<b>\$9,100</b>
<b>Outputs:</b>			
<ul style="list-style-type: none"> <li>▪ Program/Project Planning Document and Meeting minutes</li> <li>▪ Working Group Budget</li> <li>▪ PowerPoint presentation related to specific projects under the Working Group</li> <li>▪ Attendance of First Nation community consultant at MB Mining Association annual conference</li> </ul>			
<b>Other Project Partners:</b> Working Group members, representing 13 organizations. These include Brokenhead Ojibway Nation, MB Conservation, Tembec, Manitoba Trapper's Association, Black			

River First Nation, Hollow Water First Nation, Sagkeeng First Nation, Winnipeg River Learning Centre, MB Hydro, Manitoba Metis Association, Woodlot Association of Manitoba, Manitoba Forestry Association, Northeast Sustainable Development Association.

<b>Project Title:</b> Community Opportunities Program <b>Project Number:</b> 08-5-02 <b>Theme Area:</b> Forest Community Engagement and Capacity Building <b>Project Leader:</b> Bev Dube, Manitoba Model Forest <b>Project Status:</b> On-going, Year 2 of 5	2008-09
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**Purpose:** To support local community economic development, environmental and education projects

**Report:** Initiated in Phase III of the Model Forest Program, the MBMF Community Opportunities Program has provided seed funding for a wide diversity of community-driven projects including economic development, community beautification, environment and education. The program provides an avenue to demonstrate direct and tangible benefits for MBMF communities. Each spring, the MBMF advertises and solicits proposals for community-focused project. Eligibility criteria and program guidelines are provided to each community or local organization. Proposed projects must be consistent with the MBMF 5 Year Strategic Plan. The MBMF may chose to focus project proposals on a particular theme (e.g., non-timber forest products, education) in any one year. When necessary, Model Forest staff provide assistance to communities and local organizations in completing the application form. The proposals are reviewed and judged based on predetermined criteria, by a subcommittee of the MBMF Board of Directors. The following project proposals were successful in 2008-09:

- Black River First Nation community garden
- Town of Powerview-Pine Falls anniversary park upgrades
- Rivers North Fitness Coop fitness centre upgrades
- Green Kids environmental theatre for kids
- Seymourville community clean up
- Pinawa Secondary School Courtyard Forest Ecosystem
- Powerview School maple tapping and syrup production
- Youth Encouraging Sustainability field camp
- Edgewater Development Corporation establishment

**Project Expenditures and Contributions**

<b>Project Expenditures</b>	<b>Cash</b>	<b>In-kind</b>	<b>Total</b>
Administration	-	-	-
Project Activities	\$31,000	\$113,100	\$144,100
<b>Total</b>	<b>\$31,000</b>	<b>\$113,100</b>	<b>\$144,100</b>
<b>Project Contributions</b>			
	<b>Cash</b>	<b>In-kind</b>	<b>Total</b>
NRCan-CFS (FCP)	\$30,500	-	\$30,500
MBMF	\$500	\$2,000	\$2,500
Community Opportunities Application Review Committee	-	\$1,500	\$1,500
Partnering Organizations in the Successful Community Opportunities Funding Applications	-	\$109,600	\$109,600
<b>Total</b>	<b>\$31,000</b>	<b>\$113,100</b>	<b>\$144,100</b>

**Outputs:**

- Support for locally-driven economic development, environmental and education projects in the

MBMF area

- Increased profile of the MBMF and its programs in the region
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**Other Project Partners:.**

<b>Project Title:</b> Committee for Cooperative Moose Management <b>Project Number:</b> 08-5-13 <b>Theme Area:</b> Forest Community Engagement and Capacity Building <b>Project Leader:</b> Kelly Leavesley, Manitoba Conservation <b>Project Status:</b> On-going, Year 2 of 5	2008-09
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**Purpose:** To provide support for the Committee for Moose Management to meet and discuss moose management issues in the MBMF area, as well as to further discussions with local First Nation communities regarding a proposed moose co-management model.

**Report:** Since 1992, the “Moose Committee” (a committee of the MBMF) has conducted research into the effects of various forest management techniques (harvesting, renewal, access control) and hunting management options on moose populations, undertaken public education activities and provided a mechanism for local communities to have input into Tembec’s annual forest management operating plans. In 2008-09, the moose committee undertook the following activities:

- In the winter of 2008/09, Manitoba Conservation (a partner of the moose committee) undertook the collection of moose distribution data using aerial surveys in Game Hunting Area 36 (just south of the MBMF area). The survey provided data on moose that could be prepared to the moose population found in the MBMF area. In conjunction with the Eastern Manitoba Woodland Caribou Advisory Committee, aerial surveys for moose, caribou, deer and wolves were undertaken in parts of Game Hunting Area 26 (particularly, in the Owl Lake woodland caribou range)
- Hollow Water First Nation and Black River First Nation (members of the Moose Committee) held meetings within their communities to discuss the potential for a moose co-management trial area in their traditional land use area. With the aid of the MBMF Community Engagement Consultant, both communities developed and submitted a proposal on moose co-management to INAC (the proposal is still under review by INAC).
- Due to difficulties in scheduling, the Moose Committee did not meet in 2008-09

Note: Expenses exceeded cash contributions (by \$3,277). This amount was covered by non-FCP surplus funds in this project from the previous fiscal year.

**Project Expenditures and Contributions**

<b>Project Expenditures</b>	<b>Cash</b>	<b>In-kind</b>	<b>Total</b>
Administration	-	-	-
Project Activities	\$8,277	\$30,900	\$39,177
<b>Total</b>	<b>\$8,277</b>	<b>\$30,900</b>	<b>\$39,177</b>
<b>Project Contributions</b>	<b>Cash</b>	<b>In-kind</b>	<b>Total</b>
Manitoba Hydro	\$5,000	-	\$5,000
Tembec	-	\$1,800	\$1,800
MBMF	-	\$7,500	\$9,656
Manitoba Conservation	-	\$3,600	\$3,600
Black River First Nation	-	\$9,000	\$9,000
Hollow Water First Nation	-	\$9,000	\$9,000
<b>Total</b>	<b>\$5,000</b>	<b>\$30,900</b>	<b>\$35,900</b>

**Outputs:**

- Aerial surveys in Game Hunting Areas 26 and 36
- Meetings in Hollow Water First Nation and Black River First Nation re: moose co-management

pilot project

- Moose co-management funding proposals submitted to INAC

**Other Project Partners:** Brokenhead Ojibway Nation, Manitoba Metis Federation, Manitoba Trappers Association, Pinawa Wildlife Association, Brokenhead River Fish and Game Association, Manitoba Archers and Bow Hunters Association.

<b>Project Title:</b> First Nation Engagement in Western Manitoba <b>Project Number:</b> 08-5-14 <b>Theme Area:</b> Forest Community Engagement and Capacity Building <b>Project Leader:</b> Brian Kotak, MBMF and Wade Cable, Louisiana Pacific <b>Project Status:</b> On-going, Year 2 of 5	2008-09
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**Purpose:** To provide support for the engagement of First Nation communities in western Manitoba into the MBMF program

**Report:** Over the last 5 years, Louisiana Pacific (LP) has supported several MBMF projects in eastern Manitoba. With the initiation of the Forest Communities Program, the MBMF has committed to initiate projects in western Manitoba, where LP operates. In particular, both LP and the MBMF wish to establish partnerships with First Nation communities in western Manitoba, so that First Nations in that part of the province will become more actively involved in natural resource management decision-making and in training, economic development and other opportunities

Specific activities that occurred during 2008-09 included:

- Meetings with West Region Tribal Council to discuss the development of a traditional land use study in the Duck Mountains (part of Louisiana Pacific's Forest Management License Area)
- Funding of the traditional land use study in the Duck Mountains. The land use study is still underway.
- Financial support of a new education centre being constructed in the Duck Mountains, which will serve as a focal point for training of First Nation youth and others, in natural resource management
- Support for 3 youth from Skownan First Nation in western Manitoba, to attend the MBMF Junior Ranger program in eastern Manitoba.
- The MBMF ran a two day natural resource management career workshop with 40 students from Skownan First Nation.

Note: There was a small surplus of non-FCP funding (\$4,304) which was carried over to fiscal 2009-10.

#### **Project Expenditures and Contributions**

<b>Project Expenditures</b>	<b>Cash</b>	<b>In-kind</b>	<b>Total</b>
Administration	-	-	-
Project Activities	\$7,196	\$92,900	\$100,096
<b>Total</b>	<b>\$7,196</b>	<b>\$92,900</b>	<b>\$100,096</b>
<b>Project Contributions</b>			
	<b>Cash</b>	<b>In-kind</b>	<b>Total</b>
NRCan-CFS (FCP)	\$6,500	-	\$6,500
Louisiana Pacific	\$5,000	\$12,000	\$17,000
MBMF	-	\$600	\$600
West Region Tribal Council	-	\$12,500	\$12,500
Western MB First Nations	-	\$5,000	\$5,000
Sustainable Development Innovations Fund	-	\$25,000	\$25,000
First Nations Forestry Program	-	\$37,800	\$37,800
<b>Total</b>	<b>\$11,500</b>	<b>\$92,900</b>	<b>\$104,400</b>
<b>Outputs:</b>			

- Meetings with Louisiana Pacific to identify their program needs in western Manitoba
- Meeting with West Region Tribal Council, regarding future MBMF programming in western Manitoba and traditional land use study
- Traditional land use study in the Duck Mountains of western MB
- Construction of a education centre in the Duck Mountains
- Attendance of 3 youth from Skownan First Nation at MBMF Junior Ranger program
- Career workshop with 40 Skownan First Nation youth

**Other Project Partners:** Potential western Manitoba First Nation communities include: Ebb and Flow First Nation, Tootinawazibeeng First Nation, Waywayseecappo First Nation, Wuskwi Sipihk First Nation, Pine Creek First Nation, Sapotaweyak Cree Nation, Gamblers First Nation, Keeseekoowenin First Nation and O-Chi-Chak-Ko-Sipi First Nation.

<b>Project Title:</b> Traditional Area Advisory Committees (TAACs) <b>Project Number:</b> 08-5-03 <b>Theme Area:</b> Forest Community Engagement and Capacity Building <b>Project Leader:</b> Rene Barker, Community Involvement Consultant <b>Project Status:</b> On-going, Year 2 of 5	2008-09
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**Purpose:** To support the establishment and functioning of Traditional Area Advisory Committees (TAACs) in each of the 4 MBMF area First Nation communities, as a mechanism to facilitate discussion between communities and resource industries.

**Report:** With the assistance of the MBMF, over the last 5 years two First Nation communities in the MBMF area have established Traditional Area Advisory Committees (TAACs). These community-based committees provide advice and information to their Chief and Councils on matters relating to resource development within their community's traditional areas. TAACs operate at arms-length from Chief and Council. Resource industries interact directly with the TAACs, discussing future or planned resource development activities (e.g., forestry, road building, mining exploration, etc). The TAACs are made up of a diverse cross section of community members, including trappers, fishermen, traditional plant harvesters, hunters, etc. TAACs also plan and hold field trips with local industries to view resource industry activities. Each TAAC has developed a vision statement, objectives and policies and procedures for meetings and involvement.

During 2008-09, the following activities occurred:

- 12 meetings of the Hollow Water First Nation and Black River First Nation TACCs were held to discuss issues of natural resource management in their traditional land use areas, as well as the development of a moose co-management proposal to INAC. A joint meeting of the two TAACs was also held. Topics for TAAC meetings included Tembec's annual forestry plans and long-term plan, updates on the east side of Lake Winnipeg land use study, trapping, moose management and wildlife refuges, mining, cottage development, establishment of a natural resource training program for youth, all-weather road development on the east side of Lake Winnipeg
- Meetings with Chief and Council (and others) from Sagkeeng First Nation and Brokenhead Ojibway Nation to initiate TAACs in their communities. Brokenhead Ojibway Nation expressed interest in establishing a TAAC. Sagkeeng First Nation is still exploring the concept.

Note: Expenses exceeded cash contributions by \$13,967. This deficit was covered off by surplus non-FCP funding from the previous fiscal year.

<b>Project Expenditures and Contributions</b>			
<b>Project Expenditures</b>	<b>Cash</b>	<b>In-kind</b>	<b>Total</b>
Administration	-	-	-
Project Activities	\$18,967	\$49,650	\$68,617
<b>Total</b>	<b>\$18,967</b>	<b>\$49,650</b>	<b>\$68,617</b>
<b>Project Contributions</b>	<b>Cash</b>	<b>In-kind</b>	<b>Total</b>
Tembec Enterprises Inc	\$5,000	\$3,150	\$8,150
Hollow Water First Nation	-	\$20,400	\$20,400
Black River First Nation	-	\$14,700	\$14,700
Brokenhead Ojibway Nation	-	\$450	\$450
Sagkeeng First Nation	-	\$750	\$750

MB Conservation	-	\$4,200	\$4,200
MBMF	-	\$6,000	\$6,000
<b>Total</b>	<b>\$5,000</b>	<b>\$49,650</b>	<b>\$54,650</b>
<b>Outputs:</b>			
<ul style="list-style-type: none"> <li>▪ 12 meetings and meeting minutes associated with the Hollow Water First Nation and Black River First Nation TAACs</li> <li>▪ Meetings and discussions with Brokenhead Ojibway Nation and Sagkeeng First Nation regarding establishment of TAACs</li> <li>▪ Provision of a venue for discussions between First Nation communities and resource industries with respect to resource extraction activities in each of the community's traditional areas.</li> </ul>			
<b>Other Project Partners:</b> None			

<b>Project Title:</b> First Nation Land Use Planning <b>Project Number:</b> 08-5-15 <b>Theme Area:</b> Forest Community Engagement and Capacity Building <b>Project Leader:</b> Rene Barker, MBMF Community Involvement Consultant <b>Project Status:</b> On-going, Year 2 of 5	2008-09
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**Purpose:** To support the development and continual improvement of MBMF area First Nation land use plans

**Report:** First Nations values and land use information is a critical component of any integrated landscape management plan. In Phase II of the Canadian Model Forest program, the MBMF provided support to two First Nation communities in the MBMF area to develop land use plans. These plans provide each community with a written and GIS-based record of locations of spiritual, cultural and economic importance in their traditional areas and provide information necessary for future land use decisions. The use of such land use information however, has not been consistent between the communities. Also, there are other First Nation communities in the MBMF area that do not have traditional land use plans. Activities in 2008-09 included:

- Discussions on traditional land use were held during both the Hollow Water First Nation and Black River First Nation TAAC meetings.

Note: Funding for this project was used to pay for the contract services of a Community Engagement consultant. In-kind contributions from Hollow Water and Black River First Nations are already noted under the TAAC project.

**Project Expenditures and Contributions**

<b>Project Expenditures</b>	<b>Cash</b>	<b>In-kind</b>	<b>Total</b>
Administration	-	-	-
Project Activities	\$4,340	-	\$4,340
<b>Total</b>	<b>\$4,340</b>	-	<b>\$4,340</b>
<b>Project Contributions</b>	<b>Cash</b>	<b>In-kind</b>	<b>Total</b>
NRCan-CFS (FCP)	\$4,340	-	\$4,340
<b>Total</b>	<b>\$4,340</b>	-	<b>\$4,340</b>

**Outputs:**

- Meetings of the 2 TAACs to discuss land use issues

**Other Project Partners:** None

<b>Project Title:</b> Trapper Involvement <b>Project Number:</b> 08-5-10 <b>Theme Area:</b> Forest Community Engagement and Capacity Building <b>Project Leader:</b> Bob Yatkowsky, Tembec Enterprises Inc. <b>Project Status:</b> On-going, Year 2 of 5	2008-09
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**Purpose:** To involve the trapping community in MBMF projects and build capacity for their involvement in natural resource management decision-making.

**Report:** In Phase II of the Model Forest Program, the MBMF worked with the trapping community to develop a GIS-based database of trapper’s values (location of trails, cabins, high value habitat) in each registered trap line. This product has been used effectively to help plan forest harvesting areas in trap lines and to develop associated mitigation plans. In addition, the MBMF, with the assistance of the Manitoba Trappers Association, is currently completing the development of a Best Management Practices (BMP) manual entitled “Integrating Furbearer Habitat Requirements and Trapper Concerns in Forestry Development”. The manual is written from a trapper’s perspective. The objectives of the manual are: 1) to create effective communications amongst industry, government and the trapping community, 2) promote respectful relationships in resource-based planning and development, 3) minimize negative impacts that forestry activities may have on trapping activities, 4) enhance stewardship initiatives in forestry and trapping, and 5) increase knowledge and understanding for resource users. The manual is currently in the last phase of editing.

Activities in 2008-09 included:

- Final revisions to the draft BMP manual. Note: the manual will be printed in 2009-10 and distributed to trappers and forest industry representatives. A pdf version of the manual will also be uploaded to the MBMF website.

Funding was used primarily to pay the contract services of a community engagement consultant.

Note: There was a surplus of \$1,024 of non-FCP funding which was carried forward to the next fiscal year.

**Project Expenditures and Contributions:**

<b>Project Expenditures</b>	<b>Cash</b>	<b>In-kind</b>	<b>Total</b>
Administration	-	-	-
Project Activities	\$3,976	\$8,200	\$12,176
<b>Total</b>	<b>\$3,976</b>	<b>\$8,200</b>	<b>\$12,176</b>
<b>Project Contributions</b>			
	<b>Cash</b>	<b>In-kind</b>	<b>Total</b>
Tembec Enterprises Inc	\$2,500	\$1,800	\$4,300
Manitoba Hydro	\$2,500	-	\$2,500
Manitoba Trapper’s Association	-	\$2,400	\$2,400
Manitoba Conservation	-	\$1,800	\$1,800
Manitoba Model Forest	-	\$1,200	\$1,200
Hollow Water First Nation	-	\$1,000	\$1,000
<b>Total</b>	<b>\$5,000</b>	<b>\$8,200</b>	<b>\$13,200</b>

**Outputs:**

- Draft Trapper BMP manual

**Other Project Partners:** None

<b>Project Title:</b> Alternative Economic Opportunities from the Forest <b>Project Number:</b> 08-5-18 <b>Theme Area:</b> Forest Community Engagement and Capacity Building <b>Project Leader:</b> Bob Austman, MBMF Education Coordinator Consultant <b>Project Status:</b> On-going, Year 2 of 5			2008-09
<b>Purpose:</b> To explore opportunities for alternative economic development in the MBMF area based on Non-Timber Forest Products			
<b>Report:</b> There are many opportunities for the development of non-timber forest product (NTFP) businesses in the MBMF area. NTFPs can provide opportunities for communities by building on local skills and knowledge of the forest. In most instances, NTFPs represent an opportunity for supplemental income, not as a main, annual income.			
<b>Activities in 2008-09 included:</b> <ul style="list-style-type: none"> <li>▪ Co-hosting three introductory NTFP workshops with Royal Roads University (Centre for Non-timber Resources), the Manitoba Forestry Association and the Woodlot Association of Manitoba. Workshops were held in Hollow Water First Nation, and the towns of Lac du Bonnet and Powerview-Pine Falls. 81 people attended the workshops, including 15 students from Wanipigow School (Hollow Water First Nation).</li> <li>▪ Workshops covered topics such as what NTFPs are, marketing, value-added, opportunities and past experiences in Manitoba, specific NTFP topics (growing mushrooms and tapping trees for sap/syrup) and an overview of the Forest Community Program</li> <li>▪ Survey of workshop participants to gauge interest in future topics and for more intensive training programs</li> <li>▪ Support for the development of a NTFP training curriculum (being done through Royal Roads University)</li> </ul>			
<b>Project Expenditures and Contributions:</b>			
<b>Project Expenditures</b>	<b>Cash</b>	<b>In-kind</b>	<b>Total</b>
Administration	-	-	-
Project Activities	\$10,000	8,500	18,500
<b>Total</b>	<b>\$10,000</b>	<b>\$8,500</b>	<b>\$18,500</b>
<b>Project Contributions</b>	<b>Cash</b>	<b>In-kind</b>	<b>Total</b>
NRCan-CFS (core funding)	\$7,500	-	\$7,500
Manitoba Hydro	\$2,500	-	\$2,500
Manitoba Forestry Association	-	\$900	\$900
Woodlot Association of Manitoba	-	\$1,200	\$1,200
Hollow Water First Nation	-	\$200	\$200
Brokenhead Ojibway Nation	-	\$500	\$500
MBMF	-	\$3,600	\$3,600
Winnipeg River Learning Centre	-	\$600	\$600
Royal Roads University	-	\$1,500	\$1,500
<b>Total</b>	<b>\$10,000</b>	<b>\$8,500</b>	<b>\$18,500</b>
<b>Outputs:</b>			
<ul style="list-style-type: none"> <li>▪ 3 introductory NTFP workshops in 3 communities</li> <li>▪ 81 people attending the workshops</li> </ul>			

- Greater awareness of NTFP economic opportunities in the MBMF area
- Survey of community interest in NTFP opportunities
- Initiation of the development of a NTFP training curriculum

**Other Project Partners:** None

<b>Project Title:</b> Integrated Landscape Management Working Group Support <b>Project Number:</b> 08-2-23 <b>Theme Area:</b> Integrated Landscape Management <b>Project Leader:</b> Vince Keenan, Tembec Enterprises Inc. <b>Project Status:</b> On-going, Year 2 of 5	2008-09
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**Purpose:** To provide for travel and support for ILM Working Group meetings

**Report:** The ILM Working Group meets periodically to develop work plans and track progress of on-going projects under the working group's direction. Funding is used to pay for costs associated with ILM Working Group meetings, as well as to provide funding to attend relevant conferences for members of the working group.

During 2008-09, the following activities were undertaken:

- The working group met twice (on October 23, 2008 and January 8, 2009) to review progress on projects and to develop the work plan for the 2009-10 fiscal year
- Funding from the working group was used to send a researcher from the Eastern Manitoba Woodland Caribou Advisory Committee to an international caribou workshop in Goose Bay (Newfoundland and Labrador), where the research of our caribou committee was presented. In addition, the working group financially supported the travel of another caribou research scientist and a graduate student to present their caribou research results at the Wildlife Society conference in Miami, Florida

**Project Expenditures and Contributions:**

<b>Project Expenditures</b>	<b>Cash</b>	<b>In-kind</b>	<b>Total</b>
Administration	-	-	-
Project Activities	\$9,000	\$6,000	\$15,000
<b>Total</b>	<b>\$9,000</b>	<b>\$6,000</b>	<b>\$15,000</b>
<b>Project Contributions</b>			
	<b>Cash</b>	<b>In-kind</b>	<b>Total</b>
NRCan-CFS (core)	\$9,000	-	\$2,500
Tembec	-	\$900	\$900
Shining Waters Heritage Region	-	\$300	\$300
Manitoba Metis Federation	-	\$300	\$300
Manitoba Conservation	-	\$1,500	\$1,500
Louisiana Pacific	-	\$300	\$300
Manitoba Trappers Association	-	\$300	\$300
Manitoba Model Forest	-	\$600	\$600
University of Winnipeg	-	\$300	\$300
Woodlot Association of Manitoba	-	\$300	\$300
Pinawa	-	\$300	\$300
Black River First Nation	-	\$300	\$300
Manitoba Naturalist Society	-	\$300	\$300
Time to Respect Earth's Ecosystems	-	\$300	\$300
<b>Total</b>	<b>\$9,000</b>	<b>\$6,000</b>	<b>\$15,000</b>

**Outputs:**

- Program/Project Planning Documents
- Working Group Budget

- Attendance and presentations at two international conferences:
  - Davis, T., D. Schindler and D. Walker. 2008. Distribution and Movement of Woodland Caribou During Spring Calving Season in Eastern Manitoba. North American Caribou Workshop, Goose Bay, Newfoundland and Labrador, November 4-6, 2008.
  - Davis, T., D. Schindler and D. Walker. 2008. Distribution and Movement of Woodland Caribou During Spring Calving Season in Eastern Manitoba. Proceedings of the 15th Annual Conference of The Wildlife Society. Miami, Florida, November 8-12, 2008.
  - Schindler, D., D. Walker and T. Davis. 2008. Effects of a logging road on boreal woodland caribou movement and range use in south eastern Manitoba. Proceedings of the 15th Annual Conference of The Wildlife Society. Miami, Florida, November 8-12, 2008.
- PowerPoint presentations related to specific projects under the Working Group

**Other Project Partners:** Working Group members, representing 13 organizations. These include Brokenhead Ojibway Nation, MB Conservation, Tembec, Time to Respect Earth's Ecosystems (TREE), Universities of Manitoba and Winnipeg, Manitoba Trapper's Association, Black River First Nation, Hollow Water First Nation, MB Hydro, Mining Association of Manitoba, Louisiana Pacific, Manitoba Metis Federation, Community of Seymourville, and Ducks Unlimited.

<b>Project Title:</b> Caribou Management <b>Project Number:</b> 08-2-33 <b>Theme Area:</b> Integrated Landscape Management <b>Project Leader:</b> Dennis Brannen, Manitoba Conservation <b>Project Status:</b> On-going, Year 2 of 5	2008-09
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**Purpose:** To maintain self-sustaining populations of woodland caribou within and beyond the MBMF area in eastern Manitoba by determining habitat use/availability and determining factors that influence caribou survival. This work will support the development of Recovery Action Plans under the Species at Risk Act.

**Report:** The Eastern Manitoba Woodland Caribou Advisory Committee (EMWCAC), a committee of the MBMF has been active in research, and monitoring of woodland caribou, and the development and implementation of caribou management strategies for the last 17 years. The EMWCAC is a multi-stakeholder committee comprised of representatives from First Nation communities, the forest industry, government and local and provincial stakeholder organizations. Through this program, the knowledge and understanding of Woodland Caribou requirements in eastern Manitoba has been significantly advanced, and the EMWCAC has been recognized by Manitoba Conservation as an advisory body that provides input on resource management decisions that may effect Woodland Caribou. Committee activities and recommendations have influenced industry and government management decisions on the landscape, particularly with respect to forestry, access development and road retirement. The Committee's work has also resulted in immediate protection to woodland caribou through modifications in timber harvest design and the extent of harvesting within the Owl Lake woodland caribou herd's range.

Activities undertaken in 2008-09 include:

- 9 meetings of the EMWCAC and its sub-committees (Science & Technology, Education, Data Management) were held. Minutes were generated for each meeting.
- A summer caribou capture event was conducted in the Atiko caribou range (Sassiginigak Lake)
- Monitoring of wolves that were previously collared with either GPS or VHF collars was conducted throughout the year by use of aerial telemetry flights
- A draft conservation strategy of the Atiko/Bloodvein caribou range was developed. A final version will be completed in 2009-10.
- Forest harvesting continued in the Experimental Harvest Area of the Owl Lake caribou range
- Regular aerial telemetry flights to collect location data of caribou were undertaken (in Experimental Harvest Area and in broader region) to better understand landscape/habitat use
- Recruitment and survival surveys of woodland caribou in the Owl Lake range were undertaken
- A multi-species (moose, caribou, wolves, deer, etc.) track survey was conducted
- An aerial survey was conducted to assess wolf distribution
- Data analysis (GPS/VHF data, habitat use, core use areas, etc.) was initiated
- An assessment of the implications of the new Tembec 20 year forest management plan on woodland caribou was initiated
- A computer model was developed for predicting caribou calving locations in the Owl Lake caribou range. The model will be verified in the summer of 2009 through field surveys.
- A caribou poster and postcards (for recording caribou sightings by the public) were developed and printed
- A re-printing of the MBMF provincial caribou curriculum was completed. There has been a high demand for this curriculum.
- Additional copies of the MBMF educational caribou DVD "Shadows of the Forest" were made.

- The EMWCAC held a grand opening of the new caribou kiosk at the Black Lake Campground. Approximately 75 people (invited guests, Junior Rangers and campers staying at the campground) attended.
- Planning was initiated to host the 2010 International Caribou Conference in Winnipeg
- An assessment of the potential impacts of a highway along the east side of Lake Winnipeg was initiated by the EMWCAC
- A proposal was submitted to the Sustainable Development Innovations Fund to develop a methodology for conducting risk assessments on caribou ranges in Manitoba using a “fuzzy logic” model. The application was successful and the project was implemented in 2009-10
- A student at Red River Community College (Winnipeg) was selected to develop a fall/winter habitat model for caribou in the Atiko range

Note: Expenses exceeded cash contributions by \$22,284. This apparent deficit was covered by non-FCP funds that were carried over from the previous fiscal year.

**Project Expenditures and Contributions:**

<b>Project Expenditures</b>	<b>Cash</b>	<b>In-kind</b>	<b>Total</b>
Administration	-	-	-
Project Activities	\$90,234	\$174,650	\$264,884
<b>Total</b>	<b>\$90,234</b>	<b>\$174,650</b>	<b>\$264,884</b>
<b>Project Contributions</b>	<b>Cash</b>	<b>In-kind</b>	<b>Total</b>
MB Conservation	\$30,000	\$143,250	\$173,250
MB Hydro	\$25,000	\$900	\$25,900
Tembec	-	\$9,600	\$9,600
Eastland Wildlife Association	\$200	\$300	\$500
Manitoba Habitat Heritage Corp	\$6,750	-	\$6,750
Manitoba Trappers Association	-	\$2,000	\$2,000
Manitoba Transportation	-	\$1,800	\$1,800
Manitoba Model Forest	-	\$6,600	\$6,600
University of Winnipeg	-	\$5,700	\$5,700
Time to Respect Earth's Ecosystems	-	\$4,500	\$4,500
<b>Total</b>	<b>\$67,950</b>	<b>\$174,650</b>	<b>\$242,600</b>

**Outputs:**

- Meeting minutes, budgets, project presentations
- Database on distribution and population status of various woodland caribou ranges in eastern Manitoba
- Database on distribution and movements of wolves in caribou ranges
- Database on distribution of moose, deer, wolves and caribou
- Data analysis to determine Owl Lake woodland caribou response to timber harvest in Experimental Harvest Area
- Initial recruitment and survival survey data analysis
- Initial data synthesis of multi-species and wolf aerial survey flights
- Draft conservation strategy for the Atiko and Bloodvein caribou ranges
- Computer model to predict caribou calving locations
- Promotional materials (posters, postcards, DVDs, curriculum)
- Caribou kiosk at Black Lake campground

**Other Project Partners:** Lac du Bonnet Fish & Wildlife Association

<b>Project Title:</b> Natural Disturbance Regime <b>Project Number:</b> 08-2-49 <b>Theme Area:</b> Integrated Landscape Management <b>Project Leader:</b> Dr. James Ehnes, EcoStem Ltd. <b>Project Status:</b> Year 2 of 3	2008-09
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**Purpose:** To re-measure aspects of permanent samples plots established under an experimental natural disturbance-based timber harvesting template, as well as in benchmark burned landscapes.

**Report:** The Natural Disturbance Regime project began in 1998 as a way to enhance the ecological sustainability of timber harvesting. The project conducted research on wildfire behavior and forest recovery in the eastern two-thirds of the Tembec FML# 1 and then developed harvest guidelines to approximate large wildfire disturbance at site, stand and landscape spatial scales. Harvest guidelines were published and then tested with operational trials from 1999 to 2001. Monitoring and other follow-up research was conducted from 1999 to 2004. Note: all field work activities under this project were completed in the summer of 2007, just prior to the start of the FCP. Data analysis and the development of a project report which assesses the short-term effectiveness of the natural disturbance-based guidelines will be completed in the second year of the FCP.

The following activities occurred in 2008-09:

- Data analysis of all plots and sites was initiated. A final project report will be written in 2009-10

Note: there were no cash contributions or expenditures in 2008-09.

**Project Expenditures and Contributions:**

<b>Project Expenditures</b>	<b>Cash</b>	<b>In-kind</b>	<b>Total</b>
Administration	-	-	-
Project Activities	-	-	-
<b>Total</b>	-	-	-
<b>Project Contributions</b>	<b>Cash</b>	<b>In-kind</b>	<b>Total</b>
	-	-	-
<b>Total</b>	-	-	-

**Outputs:**

- Initial data analysis

**Other Project Partners:** None

<b>Project Title:</b> Stakeholder-based Watershed Management in Western Manitoba <b>Project Number:</b> 08-2-63 <b>Theme Area:</b> Integrated Landscape Management <b>Project Leader:</b> Donna Kopecky, Louisiana Pacific <b>Project Status:</b> Year 2 of 4	2008-09
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**Purpose:** To develop collaborative approaches to water quality and watershed management in western Manitoba.

**Report:** This project seeks to bring together a wide diversity of stakeholders in western Manitoba to examine water quality issues in a region dominated by both agricultural and forest industry activities. The project will serve to initiate a research program to examine the effects of land use practices on water quality in the Duck Mountains and surrounding region of western Manitoba. A first step is to engage a diverse cross-section of stakeholders. Ultimately, the project will help provide the basis for a more complete understanding of the effects of various land use practices on water quality, the development of watershed management plans, and the implementation of pilot projects to improve water quality in western Manitoba

Specific activities that occurred in 2008-09 included:

- An initial meeting of potential project partners was held in Swan River, MB on December 9, 2008. This included Louisiana Pacific, Ducks Unlimited Canada, Manitoba Water Stewardship, Swan Lake Conservation District, Intermountain Conservation District and Lake of the Prairies Conservation District.
- Each organization discussed their research and monitoring priorities and potential involvement in a watershed project
- Planning meetings were then initiated for a watershed workshop to be held in March, 2009. The workshop was subsequently postponed until May, 2009 due to a spring snow storm.

Note: There was a surplus (funding exceeded expenditures) of \$4,340 of non-FCP funding. This amount was carried forward to the next fiscal year.

**Project Expenditures and Contributions:**

<b>Project Expenditures</b>	<b>Cash</b>	<b>In-kind</b>	<b>Total</b>
Administration	-	-	-
Project Activities	\$660	\$6,450	\$7,110
<b>Total</b>	<b>\$660</b>	<b>\$6,450</b>	<b>\$7,110</b>
<b>Project Contributions</b>	<b>Cash</b>	<b>In-kind</b>	<b>Total</b>
Louisiana Pacific	\$5,000	\$1,500	\$6,500
Ducks Unlimited Canada	-	\$1,500	\$1,500
MBMF	-	\$1,500	\$1,500
Intermountain CD	-	\$150	\$150
Lake of the Prairies CD	-	\$150	\$150
Swan Lake CD	-	\$150	\$150
MB Water Stewardship	-	\$1,500	\$1,500
<b>Total</b>	<b>\$5,000</b>	<b>\$6,450</b>	<b>\$11,450</b>

**Outputs:**

- Project partner meetings
- Identification of project partner priorities

- Planning for 2009 Watershed workshop in Swan River

**Other Project Partners:** None

<b>Project Title:</b> Watershed Management Tools <b>Project Number:</b> 08-2-66 <b>Theme Area:</b> Integrated Landscape Management <b>Project Leader:</b> Brian Kotak, Miette Environmental <b>Project Status:</b> On-going, Year 2 of 5	2008-09
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**Purpose:** To assess the impacts of watershed features and disturbance regimes (fire, logging, agriculture) on water quality in the MBMF area in order to support the development of watershed management tools.

**Description:** This monitoring program is developing a baseline of data on stream hydrology (flow) and water quality in the Model Forest area, information that is currently lacking. The information will also be used to develop watershed planning tools that can be utilized by Tembec to more fully incorporate water quality objectives into their forest management planning process. Ultimately, the utility of the watershed planning tools will be assessed through a watershed-scale harvesting experiment in the Tembec Forest Management License area.

Activities that occurred in 2008-09 included:

- Water quality and hydrology data were collected once per month from May to September, 2008 on the O’Hanly, Black, Manigotagan, Wanipigow and Rabbit rivers (7 sites total)
- Water quality data was collected by helicopter from 20 remote river watersheds in the Tembec Kaneshoot Operating Area, in order to document current water quality and to select sites for a future forest harvest experiment
- Data were combined with water quality and hydrology data from 2004-2008
- A statistical analysis to examine the influence of watershed features, climate and disturbance (fire, timber harvesting) on water quality was initiated. This will be completed in the next fiscal year and will form the basis for the development of watershed management tools

Note: there was a small surplus (\$259) of non-FCP funding. This was carried forward to the next fiscal year.

**Project Expenditures and Contributions:**

<b>Project Expenditures</b>	<b>Cash</b>	<b>In-kind</b>	<b>Total</b>
Administration	-	-	-
Project Activities	\$24,741	\$12,200	\$36,941
<b>Total</b>	<b>\$24,741</b>	<b>\$12,200</b>	<b>\$36,941</b>
<b>Project Contributions</b>	<b>Cash</b>	<b>In-kind</b>	<b>Total</b>
Manitoba Conservation	\$25,000	-	\$25,000
Tembec	-	\$1,200	\$1,200
Miette Environmental	-	\$11,000	\$11,000
<b>Total</b>	<b>\$25,000</b>	<b>\$12,200</b>	<b>\$37,200</b>

**Outputs:**

- Water quality data on a suite of important rivers in eastern Manitoba
- Preliminary data analysis summarizing 5 years of water quality data
- Baseline water quality and identification of watersheds for watershed-scale timber harvesting experiment

**Other Project Partners:** None

<b>Project Title:</b> Terrestrial Biomonitoring <b>Project Number:</b> 08-2-06 <b>Theme Area:</b> Integrated Landscape Management <b>Project Leader:</b> Brian Kotak, Miette Environmental <b>Project Status:</b> On-going, Year 2 of 5	2008-09
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**Purpose:** To establish long-term forest monitoring plots in the MBMF area and in urban forests in order to track changes in forest health, data which contributes to a national database through the Ecological Monitoring and Assessment Network. Additionally, to involve high school students in environmental monitoring.

**Description:** Since 2004, a regional terrestrial bio-monitoring program was implemented by the MBMF to examine the potential impact of climate change on forest ecosystem parameters in the boreal forest and also in urban forests in the City of Winnipeg. Since 2005, study plots have been established using Environment Canada’s Ecological Monitoring and Assessment Network (EMAN) national monitoring protocols. The program forged partnerships with 3 high schools in the MBMF region (Wanipigow, Powerview and Lac du Bonnet) and schools in Winnipeg. With the aid of part-time researchers and the Model Forest Education Coordinator, the science classes from the schools participated in the collection of environmental data in forests of different ages and origin (e.g., logged, fire).

Activities that occurred in 2008-09 included:

- Training of 2 university summer students in EMAN monitoring protocols. The two students attended the national EMAN training in Turkey Point, ON.
- Establishment and baseline data collection of EMAN-type monitoring plots in buffer strips around lakes in the MBMF area in order to examine the effects of wind throw (blow down) in buffer strips following timber harvest. The study site was featured as part of a field tour in the fall of 2008 with Tembec’s Sustainable Forest Management Advisory Committee.
- Completion of the establishment of EMAN-type monitoring plots in the oak forests of Bois des Esprit, in the City of Winnipeg.
- Involvement of high school students from Wanipigow School (located in the MBMF area) in the establishment and monitoring of study plots
- In conjunction with the Rare Species project (see 08-2-24), collection of rare plant and frog data in eastern Manitoba. Almost 250 new sites were identified (containing more than 1,400 individuals) that contained Hookers Orchid, Pad-leaved Orchid, Checkered Rattlesnake Plantain, Running Club Moss, Bog Club Moss and Swamp Pink. No rare frog species were observed.
- Analysis of plot and transect data.
- Uploading of all data to the EMAN website for use by Environment Canada at the national level
- Production of 4 project reports (riparian forests, Bois des Esprit, rare orchids and rare frogs)

Note: There was a surplus (\$12,897) of non-FCP funds that was carried over to the next fiscal year.

<b>Project Expenditures and Contributions:</b>			
<b>Project Expenditures</b>	<b>Cash</b>	<b>In-kind</b>	<b>Total</b>
Administration	-	-	-
Project Activities	\$61,603	\$14,200	\$75,803
<b>Total</b>	<b>\$61,603</b>	<b>\$14,200</b>	<b>\$75,803</b>

<b>Project Contributions</b>	<b>Cash</b>	<b>In-kind</b>	<b>Total</b>
MBMF	\$5,000	\$1,200	\$6,200
Manitoba Hydro	\$10,000	-	-
Environment Canada	\$12,000	-	-
Manitoba Conservation	\$45,000	\$1,000	\$46,000
Tembec	\$2,500	\$1,000	\$3,500
Frontier School Division	-	\$1,000	\$1,000
Northeast Sustainable Development Assoc	-	\$1,000	\$1,000
Miette Environmental	-	\$9,000	\$9,000
<b>Total</b>	<b>\$74,500</b>	<b>\$14,200</b>	<b>\$58,501</b>

**Outputs:**

- Establishment of 10 long-term EMAN-type monitoring plots in riparian forests surrounding lakes in eastern Manitoba. Completion of establishment of 5 EMAN plots in the Bois des Esprit (Winnipeg).
- Contribution of the above data to Environment Canada's national forest health monitoring database (EMAN database)
- Identification of new sites for rare plants in eastern Manitoba. This information was provided to Manitoba Conservation to update the Conservation Data Centre database.
- Training of 2 university students in EMAN monitoring protocols
- 4 project reports (riparian forests in eastern Manitoba, Bois des Esprit, rare orchids, rare frogs):
  - Lees, L., D. Martinson and B.G. Kotak. 2008. Assessment of frog and toad populations in the Manitoba Model Forest, Year 1: May to July 2008. Manitoba Model Forest Report 08-2-06 D. 23 pp.
  - Martinson, D., L. Lees and B.G. Kotak. 2008. Assessment of rare plant species in the Manitoba Model Forest, Year 1: May to August 2008. Manitoba Model Forest Report 08-2-06 C. 19 pp.
  - Martinson, D., L. Lees and B.G. Kotak. 2008. Long-term ecological implications of the use of riparian buffer strips in forest management: vegetation plot establishment and baseline data collection in eastern Manitoba. Manitoba Model Forest Report 08-2-06 B. 65 pp.
  - Martinson, D., L. Lees and B.G. Kotak. 2008. Long-term bio-monitoring plots in the Bois des Esprit urban oak forest ecosystem, Year 1: plot establishment and a baseline data report. Manitoba Model Forest Report 08-2-06 A. 42 pp.
- Involvement of Wanipigow school (6 students and 1 teacher) in forest bio-monitoring program

**Other Project Partners:** Wanipigow School

<b>Project Title:</b> Integration of Rare Species into Landscape Management Planning <b>Project Number:</b> 08-2-24 <b>Theme Area:</b> Integrated Landscape Management <b>Project Leader:</b> Brian Kotak, Manitoba Model Forest <b>Project Status:</b> On-going, Year 2 of 5	2008-09
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**Purpose:** To incorporate rare plants species into landscape management planning by undertaking surveys on the occurrence and locations of rare plant species in eastern and western Manitoba

**Description:** Currently, species at risk only receive attention in landscape management planning if they fall on the federal Species At Risk Act (SARA), the Manitoba Endangered Species Act (MESA) or occur on lists developed by COSEWIC. There are many regionally- or provincially-rare plant and frog species in Manitoba which do not receive any planning considerations because they do not occur on lists under SARA, MESA or COSEWIC. Additionally, there is a lack of information on where these rare species occur. A database is available through the Conservation Data Centre, which identifies which species are rare in each eco-region of Manitoba, but the occurrence information for most of these species is very limited, or records of sightings are very old (e.g., no information since the 1960s). This project will provide funding to several NGOs with an interest in rare plant species (e.g., Native Orchid Conservation, Manitoba Naturalist Society, etc.), to conduct surveys in the MBMF area of eastern Manitoba, and in the LP area of western Manitoba to begin to improve our knowledge of where such plants may occur.

Activities that occurred in 2008-09 included:

- A contract was provided to Native Orchid Conservation (an NGO) to conduct surveys for rare plants in eastern Manitoba and the Interlake region. Rare plants in the interlake (in the Tembec Integrated Wood Supply Area West) included Upland White Aster, Loesel's Twayblade, and Yellow Lady Slipper. Purple Fringed Orchids were observed in the extreme southeastern part of Manitoba (the only location where this extremely rare plant is found). Seeds were collected and submitted to the national seed bank. Checkered Rattlesnake Plantain and Large-toothed Aspen was also observed in the MBMF area
- As noted in the Terrestrial Bio-monitoring project (08-2-06), a significant number of sites were documented that contained rare plants in the eastern part of the MBMF area (in and around Nopiming Provincial Park).

**Project Expenditures and Contributions:**

<b>Project Expenditures</b>	<b>Cash</b>	<b>In-kind</b>	<b>Total</b>
Administration	-	-	-
Project Activities	\$5,000	\$1,800	\$6,800
<b>Total</b>	<b>\$5,000</b>	<b>\$1,800</b>	<b>\$6,800</b>
<b>Project Contributions</b>	<b>Cash</b>	<b>In-kind</b>	<b>Total</b>
Tembec Enterprises Inc.	\$5,000	\$300	\$5,300
Manitoba Conservation	-	\$300	\$5,300
MBMF	-	\$1,200	\$1,200
<b>Total</b>	<b>\$5,000</b>	<b>\$1,800</b>	<b>\$6,800</b>

**Outputs:**

- Project report from Native Orchid Conservation
- Rare plant report produced as part of Terrestrial Bio-monitoring project
- All data was provided to the Conservation Data Centre

**Other Project Partners:** None

<b>Project Title:</b> Species of Special Interest <b>Project Number:</b> 08-2-26 <b>Theme Area:</b> Integrated Landscape Management <b>Project Leader:</b> Tim Swanson <b>Project Status:</b> On-going, Year 2 of 5	2008-09
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**Purpose:** To identify plants of special interest (e.g., medicinal plants) to MBMF area First Nation communities, and to assist forest management planning by developing simple tools to predict the potential locations/habitats of such plants across the MBMF landscape.

**Description:** MBMF area First Nations actively use the forests in their traditional territories for numerous activities, including hunting and gathering. In particular, the gathering and use of medicinal plants plays a critical role in their culture and well-being. Forest management planning rarely incorporates such values due to the lack of information/data available from each community. This pilot project will involve First Nation communities to identify plants of interest, identify locations where these plants occur (if desired by each community) and the habitats where they occur.

Activities that occurred in 2008-09 included:

- Initial meetings were held with Brokenhead Ojibway Nation to discuss their participation in the project and to identify potential plants of interest.
- A proof of concept predictive model was developed by a GIS student from Red River Community College (Winnipeg) based on several plant species of interest to Brokenhead Ojibway Nation and using habitat preference information.

Note: there were no project cash expenditures, and the funding (non-FCP) was carried over to the next fiscal year.

**Project Expenditures and Contributions:**

<b>Project Expenditures</b>	<b>Cash</b>	<b>In-kind</b>	<b>Total</b>
Administration	-	-	-
Project Activities	-	\$1,800	\$1,800
<b>Total</b>	<b>-</b>	<b>\$1,800</b>	<b>\$1,800</b>
<b>Project Contributions</b>	<b>Cash</b>	<b>In-kind</b>	<b>Total</b>
Tembec Enterprises Inc.	10,000	-	\$10,000
Manitoba Conservation	-	\$1,200	\$1,200
Brokenhead Ojibway Nation	-	\$600	\$600
<b>Total</b>	<b>\$10,000</b>	<b>\$1,800</b>	<b>\$11,800</b>

**Outputs:**

- Initial meetings with Brokenhead Ojibway Nation
- Proof of concept predictive model

**Other Project Partners:** None

<b>Project Title:</b> Landscape Design <b>Project Number:</b> 08-2-27 <b>Theme Area:</b> Integrated Landscape Management <b>Project Leader:</b> Brian Kotak, Manitoba Model Forest <b>Project Status:</b> On-going, Year 2 of 5	2008-09
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**Purpose:** To develop landscape-level planning criteria and guidelines for industrial development in the forested regions of Manitoba

**Description:** The Forest Practices Committee, a government/industry consortium of which the MBMF is a partner, develops forest management guidelines in Manitoba. The Committee has developed pre-harvest assessments protection of understory species, and riparian management guidelines. These guidelines form a component of provincial policy for forestry activities. In 2007, the MBMF was asked by the Forest Practices Committee to consider assisting in the development of a guideline on landscape design, which would integrate the latest science and best management practices from across Canada into a Manitoba guideline.

Activities that occurred in 2008-09 included:

- The MBMF co-hosted a national conference (with the Sustainable Forest Management Network, Edmonton) on landscape design in April 2008. The workshop, attended by more than 100 people included presentations on the use of landscape design theory in landscape planning as well as focus groups.
- A DVD of all presentations was produced as well as a draft conference summary document.
- Based on the conference and summary, a draft white paper on landscape design will be produced and presented to Manitoba Conservation in 2009-10.
- The MBMF also provided funding to and co-hosted a “Forest Futures” workshop with the Sustainable Forest Management Network on October 21, 2008. The workshop provided a thought-provoking assessment of the effects of various scenarios of future climate change, geopolitics and societal values on the forest industry in Canada. The workshop was part of a series of workshops held by the Sustainable Forest Management Network across Canada.

Note: there was a surplus (\$7,434) of non-FCP funding which was carried over to the next fiscal year.

<b>Project Expenditures and Contributions:</b>			
<b>Project Expenditures</b>	<b>Cash</b>	<b>In-kind</b>	<b>Total</b>
Administration	-	-	-
Project Activities	\$34,365	\$35,000	\$69,365
<b>Total</b>	<b>\$34,365</b>	<b>\$35,000</b>	<b>\$69,365</b>
<b>Project Contributions</b>	<b>Cash</b>	<b>In-kind</b>	<b>Total</b>
Sustainable Forest Management Network	\$26,799	\$10,000	\$36,799
Tembec Enterprises Inc.	\$5,000	\$3,000	\$8,000
Louisiana Pacific	\$10,000	\$3,000	\$13,000
Manitoba Conservation	-	\$3,000	\$3,000
Ducks Unlimited Canada	-	\$3,000	\$3,000
MBMF	-	\$3,000	\$3,000
Forest Practices Committee	-	\$10,000	\$10,000
<b>Total</b>	<b>\$41,799</b>	<b>\$35,000</b>	<b>\$76,799</b>

**Outputs:**

- National conference on landscape design, co-hosted with the Sustainable Forest Management Network
- DVD of conference presentations
  - Landscape planning and design: From science to implementation. DVD of Presentations. Winnipeg, Manitoba. April 15-16, 2008.
- Draft Conference Summary document
  - Landscape planning and design: From science to implementation. Workshop summary. Winnipeg, Manitoba. April 15-16, 2008.
- Workshop on Forest Futures co-hosted with the Sustainable Forest Management Network

**Other Project Partners:** None

<b>Project Title:</b> Scenario Planning <b>Project Number:</b> 08-2-25 <b>Theme Area:</b> Integrated Landscape Management <b>Project Leader:</b> Vince Keenan, Tembec, Tim Swanson, Manitoba Conservation <b>Project Status:</b> On-going, Year 1 of 4	2008-09
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**Purpose:** To develop tools that will assist the forest industry and Manitoba Conservation in communicating forest dynamics to the public and interested parties through computer generated visualization models.

**Description:** Draft computer generated visualization models and their outputs were developed in Phase III of the Model Forest Program, which incorporated a digital Forest Resource Inventory, forest harvest and regeneration information and assessment of various scales and techniques. The computer model and output allowed the industry and provincial government to provide visual tools for the public to understand the complexities of forest management.

Activities in 2008-09 included:

- A contract to The Forestry Corp was awarded and a computer visualization tool that depicts a natural disturbance event (a major forest blow down event), forest harvest and the resultant forest regeneration and succession that will take place over time in one specific area of Whiteshell Provincial Park was developed. The interactive, computer generated model allows the user to “fly” over a geo-referenced selected portion of the blow down area at various points in time during forest succession. The tool was developed using 3DNature’s Visual Nature Studio 3 software. The tool will be refined in 2009-10 and the visualization will be included in an educational DVD for use in provincial park interpretive programs, school groups, advisory groups and the general public.

Note: there was a slight surplus (\$2,400) of non-FCP funding that was carried over to the next fiscal year.

**Project Expenditures and Contributions:**

<b>Project Expenditures</b>	<b>Cash</b>	<b>In-kind</b>	<b>Total</b>
Administration	-	-	-
Project Activities	\$12,600	\$7,500	\$20,100
<b>Total</b>	<b>\$12,600</b>	<b>\$7,500</b>	<b>\$20,100</b>
<b>Project Contributions</b>	<b>Cash</b>	<b>In-kind</b>	<b>Total</b>
Tembec Enterprises Inc.	\$15,000	\$2,500	\$17,500
Manitoba Conservation	-	\$5,000	\$5,000
<b>Total</b>	<b>\$15,000</b>	<b>\$7,500</b>	<b>\$22,500</b>

**Outputs:**

- Computer visualization tool that depicts the impacts of a wind storm in the Whiteshell Provincial Park, as well as forest harvesting and succession

**Other Project Partners:** The Forestry Corp

<b>Project Title:</b> Education Working Group Support <b>Project Number:</b> 08-4-10 <b>Theme Area:</b> Education <b>Project Leader:</b> Rod Bollman, RM of Victoria Beach, Jennifer Lidgett, Tembec <b>Project Status:</b> On-going, Year 2 of 5	2008-09
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**Purpose:** To provide for travel and support for the Education Working Group meetings

**Report:** The Education Working Group meets periodically to develop work plans and track progress of on-going projects under the working group's direction (i.e., under the theme area of the same name). Funding is used to pay for costs associated with Working Group meetings including mileage, meals, room rentals and travel of working group members to other relevant meetings and/or conferences.

Activities in 2008-09 included:

- The Working Group met three times, on October 30, 2008, January 6, 2009 and March 20, 2009. The Work Group discussed the prioritization of projects for the F2008-09 work plan year and reviewed the status of current education projects.
- Funding from the Education Working Group was also used to send the Education Coordinator to a national workshop on Junior Rangers in Moncton, NB (February, 2009) and a workshop on Ecological Goods & Services (in Ottawa, ON in March, 2009)

Note: there was a slight deficit (expenses exceeded funding by \$29) of FCP funds

**Project Expenditures and Contributions:**

<b>Project Expenditures</b>	<b>Cash</b>	<b>In-kind</b>	<b>Total</b>
Administration	-	-	-
Project Activities	\$3,029	\$9,900	\$12,929
<b>Total</b>	<b>\$3,029</b>	<b>\$9,900</b>	<b>\$12,929</b>
<b>Project Contributions</b>	<b>Cash</b>	<b>In-kind</b>	<b>Total</b>
NRCan-CFS (core)	\$3,000	-	\$3,000
Tembec	-	\$300	\$300
Shining Waters Heritage Region	-	\$300	\$300
Town of Lac du Bonnet	-	\$300	\$300
Manitoba Metis Federation	-	\$300	\$300
Louisiana Pacific	-	\$300	\$300
Manitoba Forestry Association	-	\$900	\$900
MBMF	-	\$2,700	\$2,700
Manitoba Hydro	-	\$900	\$900
Sunrise School Division	-	\$900	\$900
Winnipeg River Learning Centre	-	\$600	\$600
Woodlot Assoc of Manitoba	-	\$600	\$600
LDG of Pinawa	-	\$900	\$900
Black River First Nation	-	\$600	\$600
RM of Victoria Beach	-	\$300	\$300
<b>Total</b>	<b>\$3,000</b>	<b>\$9,900</b>	<b>\$12,900</b>

**Outputs:**

- Program/Project Planning Documents. Meeting minutes

- Working Group Budgets
- PowerPoint presentations related to specific projects under the Working Group
- Attendance and presentations at the Junior Rangers workshop (Moncton) and EG&S workshop (Ottawa)

**Other Project Partners:** None

<b>Project Title:</b> Winnipeg River Learning Centre <b>Project Number:</b> 08-4-07 <b>Theme Area:</b> Education <b>Project Leader:</b> Gary Enns, Manager of Winnipeg River Learning Centre. <b>Project Status:</b> On-going, Year 2 of 5	2008-09
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**Purpose:** To support the start up and program development of the Winnipeg River Learning Centre

**Report:** The Winnipeg River Learning Centre is a project of the Winnipeg River Regional Round Table (WRRRT). The Manitoba Model Forrest (MBMF) is a member of the WRRRT, and has provided the initial seed funding that has made it possible to hire a WRLC Manager. The Winnipeg River Learning Centre (WRLC) Trades School idea grew out of a 2004 priority setting exercise of the WRRRT, and from a regional training needs assessment underwritten by Little Black River First Nation in 2005. Surveys conducted in each First Nation (and non-First Nation) community in the region, as well as major businesses (MB Hydro, Tembec, mining, etc.) documented the keen interest and need for a regional trades school.

The WRRRT completed a comprehensive feasibility study in June of 2007, building on the regional interest in post-secondary education and trades training. The Sunrise School Division is providing use of its recently decommissioned Pine Falls Public School as home to the WRLC.

Activities in 2008-09 included:

- The WRLC submitted a proposal to the Whiteshell Community Adjustment Fund/ Community Futures Winnipeg River for the implementation of an electrical certificate program. The proposal was successful and has advanced program development and delivery significantly in 2008 – 2009.
- Red River Community College – Gimli Campus has delivered its full-time Health Care Aide Certificate program twice in the past 12 months with students in the last class just starting the practicum portion of their program. The full-time RRC Accounting and Bookkeeping for Small Business Certificate program started in May and wrapped up in December of 2008. RRC – Gimli Campus also got its Human Resource Management Certificate program underway this spring at the WRLC on a part-time basis.
- The Winnipeg River Learning Centre designed and developed its first unique Certificate program in 2008 -2009 – the WRLC Certificate in Business Computing – and is contracted by Sagkeeng Education and Training to deliver this 260-hour program to ten students on a part-time basis. First courses started this past winter. The program is ongoing, with classes resuming in September. Non-Sagkeeng students also are able to access the courses offered in this program.
- The WCAF funding (\$85,000.00) in 2008, to support program and facility development, provided the WRLC with the resources to expand its programming options (e.g. WRLC Certificate in Business Computing) and created the support needed to continue the partnership development required in developing a sustainable post-secondary education and training institution in the Town of Powerview-Pine Falls. The \$10,000.00 grant from the Town of Powerview-Pine Falls helped with facility and equipment expenditures at the WRLC and also supported overall project administration.
- The WRLC was extremely fortunate to receive WCAF financial support of \$250,000.00 in early 2009. This funding was targeted to establishment of the Level 1- Electrical Certificate at the Winnipeg River Learning Centre. This funding enabled the WRLC to purchase all

equipment, materials, and supplies required in setting up and delivering the RRC certificate at the WRLC. This funding also made it possible for the WRLC to set up its own computer lab with the most current operating system and applications. Purchase of classroom tables and chairs also was made possible through this funding.

- **2008 – 2009 enrollments at WRLC** – full-time programs 43, with more than 65% Aboriginal participation. Part-time programs, courses, workshops enrollments were 149, with Aboriginal participation in the 50% range.
  - Building on existing, and developing potential partnerships. In particular, development of partnership programming that will bring a number of new program initiatives to the WRLC:
    - Practical Nursing Diploma Program – Assiniboine Community College, NEHA, Sagkeeng, Hollow Water, Little Black River, and JUST Training are working to bring this to WRLC in 2010;
    - Land and Water Stewardship Certificate – University of Manitoba, Assiniboine Community College, Manitoba Model Forest, and University College of the North are engaged in the design and development of this unique to WRLC Certificate program. WRLC plans to begin offering courses and workshops on a part-time basis in fall 2009 as the program takes shape;
    - Natural Resources Officer Certificate – University College of the North, Manitoba Model Forest, South East Education Authority, and the WRLC are coordinating efforts to bring “Year One” of this UCN program to the WRLC. Possible program start in winter of 2009 – 2010;
    - Non Timber Forest Products Workshops (One- to –two week courses) are planned for delivery at the WRLC by Royal Roads University in fall of 2009. MBMF and regional First Nations are taking the lead in bringing this program initiative to the region.
  - Continued development of fund-raising proposals – in particular, (1) a proposal to Manitoba Competitiveness, Training and Trade, and (2) a proposal to the federal Community Adjustment Fund;
  - The WRLC has undertaken a Strategic Planning activity facilitated by CFWR staff, resulting in identification of vision, mission, as well as strategic goals and objectives. A final planning session will begin expanding planning documents and begin development of a long-term business plan;
  - Public relations, promotions, consultations, and presentations - ongoing
  - A WRLC Board Executive has been established, and Winnipeg River Learning Centre incorporation papers are filed
  - Identify, plan, and deliver training workshops in collaboration with RRC, ACC, and with Manitoba Hydro - ongoing
  - Continue to develop marketing and promotional strategies and materials to recruit students, and to raise the profile of the Winnipeg River Learning Centre

**Project Expenditures and Contributions:**

<b>Project Expenditures</b>	<b>Cash</b>	<b>In-kind</b>	<b>Total</b>
Administration	-	-	-
Project Activities	\$30,000	\$331,000	\$361,000
<b>Total</b>	<b>\$30,000</b>	<b>\$331,000</b>	<b>\$361,000</b>
<b>Project Contributions</b>	<b>Cash</b>	<b>In-kind</b>	<b>Total</b>

NRCan-CFS (Core funding)	\$5,000	-	\$5,000
Manitoba Hydro	\$25,000	-	\$25,000
North Eastman Regional Health Authority	-	\$15,000	\$15,000
Sunrise School Division	-	\$30,000	\$30,000
Whiteshell Community Adjustment Fund	-	\$250,000	\$250,000
Powerview-Pine Falls	-	\$10,000	\$10,000
Red River Community College	-	\$20,000	\$20,000
MBMF	-	\$6,000	\$6,000
<b>Total</b>	<b>\$30,000</b>	<b>\$331,000</b>	<b>\$361,000</b>

**Outputs:**

- New partnerships for the initiative
- Funding proposals. A funding proposal by the WRLC to the Whiteshell Community Adjustment Fund was successful (\$250,000)
- Promotional materials
- Course offerings, including: health care aide, accounting and bookkeeping for small business, human resource management, certificate in business computing
- Enrollment of 43 full time and 149 part-time students.
- High aboriginal enrollment (>50%)
- Initiated strategic planning
- WRLC Board Executive established and articles of incorporation submitted to the provincial government
- The WRLC was profiled in the Canadian Community Economic Development Network newsletter
- The WRLC won the 2008 Community Initiative Award of the Winnipeg River Community Futures

**Other Project Partners:** Project members, representing 28 organizations. These include Brokenhead Ojibway Nation, MB Conservation, Tembec, RM of Alexander, RM of Brokenhead, RM of Reynolds, RM of Whitemouth, RM of Springfield, RM of St. Clements, Red River Community College, Town of Powerview-Pine Falls, Town of Beausejour, Sunrise School Division, Manitoba Education and Training, Community of Manigotagan, Community of Seymourville, Winnipeg River Regional Round Table, RM Lac du Bonnet, Town of Lac du Bonnet, LGD of Pinawa, Town of Bisset, Manitoba Trapper's Association, Black River First Nation, Hollow Water First Nation, Sagkeeng First Nation, MB Hydro, and Manitoba Metis Association.

<b>Project Title:</b> Junior Rangers <b>Project Number:</b> 08-4-08 <b>Theme Area:</b> Education <b>Project Leader:</b> Bob Austman, Education Coordinator Consultant <b>Project Status:</b> On-going, Year 2 of 5	2008-09
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**Purpose:** To provide hands-on training regarding natural resource management to MBMF area students (both First Nation and non-First Nation) through the development of a field-oriented training program

**Report:** The summer of 2008 was the first year of establishing and running a Junior Ranger program by the MBMF under the FCP. The Junior Ranger program provides hands-on experience and training for students 16-18 years of age in various aspects of natural resource management. The program allows students to “test the waters” to see if a career in natural resource management is something for them, to provide training in a number of aspects of such a career and to grow personally. A maximum of 16 students attend one of two 3-week program sessions in July and August. The program was held at the Manitoba Conservation Shoe Lake Fire Fighting Training Facility and the Manitoba Forestry Association’s Forest Discovery Centre in eastern Manitoba. The program was offered free of charge to the communities/students.

Activities in 2008-09 included:

- Development of program planning for the summer 2008 Junior Rangers program
- Development of funding proposals for the summer 2008 program
- Identification of training delivery groups/individuals and establishing the exact program schedule
- Meetings with MBMF area First Nation schools and communities regarding the up-coming program. Meeting with MBMF non-First Nation schools and communities
- Advertising camp positions (camp foreman, cooks, etc) and initiating the hiring process
- Securing funding required to offer the Junior Rangers program in 2008
- Offering two 3 week programs (one in July and one in August)
- Training programs, providing more than 200 hours of instruction, that were offered included:
  - Canadian Boating Safety\*
  - First Aid\*
  - Trapping and Furbearer Management\*
  - Canadian Firearm Safety\*
  - Wastewater Treatment (tour of Tembec newsprint mill wastewater treatment facility)
  - Caribou Biology and Management
  - Chainsaw Safety and Maintenance\*
  - Non-timber Forest Products
  - Introduction to Forest Management
  - Sawmilling
  - Forest Regeneration Surveys
  - Level 3 EFF Fire Fighting\*
  - Forest Tree Nursery tour
  - Fish Hatchery Science
  - Forest Health Monitoring and Measurement
  - ATV Safety\*
  - Introduction to GPS and Orienteering
  - First Nation Traditional Knowledge and Values

- Bush Survival
- Tour of Manitoba Hydro Generating Station
- Several of the training courses were provincially or federally accredited (denoted above with an asterisk)
- Thirty students participated, including students from eastern and western Manitoba and northwestern Ontario. Students represented both Aboriginal and non-Aboriginal communities: Hollow Water First Nation, Community of Seymourville, Black River First Nation, Sagkeeng First Nation, Brokenhead Ojibway Nation, Town of Powerview-Pine Falls, Town of Lac du Bonnet, Town of Pinawa, Town of Bissett, Skownan First Nation (western MB) and Shoal Lake First Nation (northwestern ON)
- Students also participated in daily camp chores (dishes, cleaning buildings and outhouses) and in camp maintenance (e.g., brushing out the road)
- A graduation ceremony was held at the end of each session, which was attended by family members
- Post program review to identify areas for improvement in 2009
- The Junior Ranger program was highlighted in the December 2008 Canadian Model Forest Network's "Communique" newsletter

Note: the apparent deficit (project expenditures exceeding project cash contributions) was covered off by carry-forward funds from Louisiana Pacific and Tembec from the previous fiscal year.

**Project Expenditures and Contributions:**

<b>Project Expenditures</b>	<b>Cash</b>	<b>In-kind</b>	<b>Total</b>
Administration	-	-	-
Project Activities	\$83,266	\$82,800	\$166,066
<b>Total</b>	<b>\$83,266</b>	<b>\$82,800</b>	<b>\$166,066</b>
<b>Project Contributions</b>	<b>Cash</b>	<b>In-kind</b>	<b>Total</b>
NRCan-CFS (core)	\$25,000	-	\$25,000
Manitoba Hydro	\$5,000	\$300	\$5,300
Tembec Enterprises Inc	\$5,000	\$2,000	\$7,000
Louisiana-Pacific	\$20,000	\$3,200	\$23,200
First Nation Forestry Program	\$18,000	-	\$18,000
Manitoba Conservation	-	\$65,000	\$65,000
Manitoba Trapper's Association	-	\$1,000	\$1,000
Manitoba Forestry Association	-	\$2,000	\$2,000
Hollow Water First Nation	-	\$600	\$600
Brokenhead Ojibway Nation	-	\$3,500	\$3,500
Pineland Nursery	-	\$300	\$300
Zirk's Sawmill	-	\$600	\$600
MBMF	-	\$4,000	\$4,000
Manitoba Water Stewardship	-	\$300	\$300
<b>Total</b>	<b>\$73,000</b>	<b>\$82,800</b>	<b>\$150,800</b>

**Outputs:**

- Program planning meetings and meeting minutes, including meetings with individual communities
- Meetings with potential funders for the 2008 program year
- Program budget for 2008

- Two Junior Ranger programs offered in the summer of 2008
- 30 students attended the program and received training in a variety of aspects of natural resource management
- More than 200 hours of hands-on instruction/training was provided to each student
- 11 communities were represented
- Post-program review minutes
- Training program evaluations filled out by the Junior Ranger students
- The MBMF Junior Ranger program was highlighted in the Canadian Model Forest Network December 2008 issue of their newsletter “Communique”

**Other Project Partners:** None

<b>Project Title:</b> Provincial Natural Resource Management Curricula <b>Project Number:</b> 08-4-14 <b>Theme Area:</b> Education <b>Project Leader:</b> Bob Austman, Education Coordinator Consultant <b>Project Status:</b> On-going, Year 2 of 5	2008-09
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**Purpose:** To develop provincially-accredited curricula on subjects related to boreal forest ecosystems and natural resource management

**Report:** In Phase III of the Model Forest Program, the MBMF developed two provincially-accredited textbook supplements on Sustainable Forest Ecosystems, one for **Grade 7 Science** Curriculum and one for **Grade 10 Science** Curriculum. The curriculum meets all the teaching outcomes mandated by the Province of Manitoba. Printed copies are provided to all teachers in Manitoba free of charge, and the documents are one of the most frequently downloaded MBMF publications. Also in Phase III, the MBMF developed a curriculum on Woodland Caribou designed to enhance **Grade 12 Biology**.

Curriculum-related activities in 2008-09 included:

- training to assist the implementation of MBMF curricula was delivered to 40 Manitoba teachers through the Province’s annual Special Area Groups (SAG) conferences (November, 2008)
- The caribou curriculum was translated into French
- Curriculum workshops were held in Dauphin for Frontier School Division in April, 2008 (12 teachers)
- Participate in Monarch Butterfly Teacher Network workshop (July, 2008)
- Presentation of MBMF curricula to University of Winnipeg Faculty of Education students (October, 2008)
- Presentation of the MBMF caribou curriculum at the Manitoba Forestry Association’s Forest Ed for Teachers (March, 2009) at Camp Nutimik. 25 teachers attended.
- Re-printing of the Senior 2 and Grade 7 curricula for distribution to teachers
- Financial support for the construction of an educational centre in the Duck Mountains of western Manitoba. The MBMF will be able to use this facility for our educational programming.
- Initial development of curriculum materials for Senior 2 Social Studies

Funding in this project was used primarily for the contract services of an educational consultant and to support the travel of the Educational Consultant.

Note: the apparent deficit (project expenditures exceeding project cash contributions) was covered off by carry-forward funds from Louisiana Pacific and Manitoba Hydro from the previous fiscal year.

<b>Project Expenditures and Contributions:</b>			
<b>Project Expenditures</b>	<b>Cash</b>	<b>In-kind</b>	<b>Total</b>
Administration	-	-	-
Project Activities	\$42,209	\$8,000	\$50,209
<b>Total</b>	<b>\$42,209</b>	<b>\$8,000</b>	<b>\$50,209</b>
<b>Project Contributions</b>	<b>Cash</b>	<b>In-kind</b>	<b>Total</b>
NRCan-CFS (core)	\$7,500	-	\$5,000
Manitoba Hydro	\$15,000	\$1,000	\$16,000

Louisiana Pacific	\$7,500	\$2,000	\$9,500
Tembec	-	\$3,000	\$3,000
University of Winnipeg	-	\$1,000	\$1,000
University of Manitoba	-	\$1,000	\$1,000
<b>Total</b>	<b>\$30,000</b>	<b>\$8,000</b>	<b>\$38,000</b>

**Outputs:**

- French version of the popular caribou curriculum
- Delivery of curriculum workshops to 77 school teachers
- Delivery of caribou curriculum to 20 students in the Faculty of Education (Univ. of Winnipeg)
- Delivery of curriculum to 25 teachers at Forest Ed for Teachers
- Printing of 100 extra copies of MBMF curriculum materials
- Initiation of the development of a new Senior 2 natural resource curriculum in Social Studies

**Other Project Partners:** None

<b>Project Title:</b> Woodlot Education <b>Project Number:</b> 08-4-09 <b>Theme Area:</b> Education <b>Project Leader:</b> Ken Fosty, Manitoba Forestry Association <b>Project Status:</b> On-going, Year 2 of 5	2008-09
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**Purpose:** To improve environmental sustainability of private woodlots by providing educational programming to woodlot owners

**Report:** During Phase III of the Model Forest Program, the MBMF partnered with the Manitoba Forestry Association (MFA) and the Woodlot Association of Manitoba on a number of private woodlot education initiatives. These included the development of a provincial database to track woodlot management activities, development and implementation of standardized woodlot management plans, a woodlot best practices manual, the creation of demonstration woodlots and an land owner education program. Funding for this project is used primarily to assist the MFAs woodlot education program. The MBMF Education Coordinator participated in many of the workshops and tours.

Activities in 2008-09 included:

- Assisting and participating in MFAs landowner woodlot education program, including workshops held throughout the province. “Let’s Get Planting” workshops focused on a number of topics including proper tree planting techniques, seedling sources, common planting errors, proper transplanting/timing, site preparation, and vegetation management. Additional workshops focused on woodlot management and best management practices, and insects and disease and maple syrup production. Several woodlot management workshops also included demonstrations (micro sawmills, horse logging).
- Participation in a landowner education field day at the MBMF demonstration woodlot (May, 2008)
- Meetings were held with the Manitoba Forestry Association to discuss future woodlot education initiatives that the MBMF may participate in with the MFA

**Project Expenditures and Contributions:**

<b>Project Expenditures</b>	<b>Cash</b>	<b>In-kind</b>	<b>Total</b>
Administration	-	-	-
Project Activities	\$5,000	\$7,650	\$12,650
<b>Total</b>	<b>\$5,000</b>	<b>\$7,650</b>	<b>\$12,650</b>
<b>Project Contributions</b>			
	<b>Cash</b>	<b>In-kind</b>	<b>Total</b>
NRCan-CFS (core)	\$2,500	-	\$2,500
Louisiana Pacific	\$2,500	-	\$2,500
Manitoba Forestry Association – Woodlot Program	-	\$3,000	\$3,000
Manitoba Christmas Tree Grower’s Association	-	\$300	\$300
Woodlot Association of Manitoba	-	\$500	\$500
Manitoba Conservation – Forestry Branch	-	\$500	\$500
MBMF	-	\$750	\$750
Intermountain Conservation	-	\$600	\$600

District			
Kelsey Conservation District	-	\$600	\$600
Swan Lake Conservation District	-	\$600	\$600
Winnipeg River Learning Centre	-	\$500	\$500
RM of Victoria Beach	-	\$300	\$300
<b>Total</b>	<b>\$5,000</b>	<b>\$7,650</b>	<b>\$12,650</b>
<b>Outputs:</b>			
<ul style="list-style-type: none"> <li>▪ Regional Workshop involving local woodlot owners/farmers/landowners</li> <li>▪ 27 woodlot education workshops and tours, with approximately 680 participants</li> <li>▪ Handout information on tree planting, tree diseases, tree maintenance, best management practices for woodlots</li> <li>▪ Media coverage in local newspapers</li> </ul>			
<b>Other Project Partners:</b> None			

<b>Project Title:</b> Education for Sustainable Development <b>Project Number:</b> 08-4-13 <b>Theme Area:</b> Education <b>Project Leader:</b> Bob Austman, Education Coordinator Consultant <b>Project Status:</b> On-going, Year 2 of 5	2008-09
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**Purpose:**

**Report:** Over the last 5 years, the MBMF has developed numerous initiatives surrounding the education of students, teachers and the general public with respect to natural resource management. This has included delivery of workshops, presentations, educational materials, hosting field trips, creation of educational DVDs, and contributing to the development of educational components of other MBMF projects (e.g., woodland caribou, forest bio-monitoring). These activities have been led by our Education Coordinator, with the assistance of numerous partnering organizations. The objective of this project is to provide educational opportunities and experiences to a wide diversity of target audiences across Manitoba.

Activities in 2008-09 included:

- Planning meetings for the Manitoba Envirothon. The MBMF Education Coordinator was on the planning committee and meetings were held each month. The Envirothon competition is led by the Manitoba Forestry Association. Planning for the event took a considerable amount of effort for all of the partners.
- Participation in the Manitoba Envirothon (held in May 2008 in Pinawa, a MBMF community). 33 high school teams competed in 2008. The theme of the competition in 2008 was recreational impacts on ecosystems. A number of MBMF Board members and staff assisted with the Envirothon competition, including as trail monitors and presentation judges.
- Presentation on the MBMF woodland caribou research program at the Sustainability Fair (February, 2009)
- Financial assistance to the Manitoba Forestry Association in the creation of a “stuffed tree” teaching aid and the development of a “Forest in a Box” teaching aid
- Numerous presentations on boreal forest sustainability, MBMF research and monitoring projects and the Forest Communities Program were given to schools. More than 230 teachers from across Manitoba attended such presentations and 1,000 students learned about the MBMF and its programs. Presentations were also made to local senior citizen groups. Special presentations were made to schools on Earth Day and during National Forestry Week.
- Numerous “walk and talk” field tours in the boreal forest were made with school classes. Students from Wanipigow School participated in assisting in the collection of bio-monitoring data from MBMF research sites in the fall of 2008
- A field tour of Tembec’s Sustainable Forest Management Advisory Committee (a public advisory committee, of which the MBMF is a member) was held in the fall of 2008 to one of the MBMF bio-monitoring research sites.

Funding for this project was used mainly to pay for the contract and travel expenses of an educational consultant.

**Project Expenditures and Contributions:**

Project Expenditures	Cash	In-kind	Total
Administration			

Project Activities	\$13,507	\$10,000	\$23,507
<b>Total</b>	<b>\$13,507</b>	<b>\$10,000</b>	<b>\$23,507</b>
<b>Project Contributions</b>	<b>Cash</b>	<b>In-kind</b>	<b>Total</b>
NRCan-CFS (core)	\$4,500	-	\$4,500
Manitoba Hydro	\$10,000	\$1,000	\$11,000
Tembec	-	\$2,500	\$2,500
Manitoba Conservation	-	\$2,500	\$2,500
Manitoba Education and Training	-	\$1,000	\$1,000
Manitoba Forestry Association	-	\$3,000	\$3,000
<b>Total</b>	<b>\$14,500</b>	<b>\$10,000</b>	<b>\$24,500</b>
<b>Planned Outputs:</b>			
<ul style="list-style-type: none"> <li>▪ Completion of programming for 2008 Envirothon and Forest Ed initiatives. Participation in both events.</li> <li>▪ Creation of a “stuffed tree” teaching aid and work towards the development of a “Forest in a Box teaching aid</li> <li>▪ Involvement of high school students in MBMF bio-monitoring project</li> <li>▪ Presentations on MBMF projects and initiatives to MBMF region schools and universities</li> <li>▪ Forest management tours</li> </ul>			
<b>Other Project Partners:</b> None			

<b>Project Title:</b> Climate Change <b>Project Number:</b> 08-4-15 <b>Theme Area:</b> Education <b>Project Leader:</b> Stan Kaczanowski <b>Project Status:</b> On-going, Year 2 of 5	2008-09
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**Purpose:** To provide forest-based communities with information regarding the potential risks and opportunities related to climate change, to assess community vulnerability to climate change and to provide adaptation strategies to communities.

**Report:** During Phase III of the Model Forest program, the MBMF hosted a number of workshops on climate change in communities throughout the MBMF area. The workshops brought in experts from across the country to share information on a variety of topics related to climate change, including the potential impacts on forests, water, wildlife and rural communities, and predictive models (e.g., global circulation models). The workshops were designed to engage and educate communities about the potential threats and possible opportunities due to climate change. In addition, workshops were also held regarding community vulnerability and methods to manage and reduce risks from wildfires. The community of Victoria Beach (in the MBMF area) participated in a pilot project on vulnerability assessment with the Canadian Forest Service. As part of this, the community undertook a risk assessment of the area and utilized Red Zone software. Red Zone ([www.redzonesoftware.com](http://www.redzonesoftware.com)) is a software information system that provides for the storage of information critical for community planning in wildfire risk reduction and to enable first responders to more efficiently respond to emergency situations. Work in this project in 2008-09 focused on providing Fire Smart workshops in forest-based communities.

Activities in 2008-09 included:

- Workshops were held in Black River First Nation, Town of Bissett, Nutamik Lake (Whiteshell Provincial Park), Town of Woodridge, Town of Vassar. The manual “Fire Smart: Protecting Your Community From Wildfire”, developed by Partners in Protection (an Alberta-based coalition of professionals involved in emergency services, land-use planning and park management – [www.partnersinprotection.ab.ca](http://www.partnersinprotection.ab.ca)) was used as a basis for discussions with these communities.
- Workshops covered topics such as an overview of the MBMF programs, fire in Canada, fire in the wildland/urban interface, Fire Smart and hazard assessment, and examples of Fire Smart and Red Zone programs in Manitoba.
- Fire Smart manuals were provided to the communities.

The deficit (project expenses exceeding cash contributions) was offset by carry-forward funding from the Climate Change Action Fund from a previous fiscal year.

<b>Project Expenditures and Contributions:</b>			
<b>Project Expenditures</b>	<b>Cash</b>	<b>In-kind</b>	<b>Total</b>
Administration	-	-	-
Project Activities	\$6,148	\$1,800	\$7,948
<b>Total</b>	<b>\$6,148</b>	<b>\$1,800</b>	<b>\$7,948</b>
<b>Project Contributions</b>			
	<b>Cash</b>	<b>In-kind</b>	<b>Total</b>
NRCan-CFS (core)	\$4,000	-	\$4,000
Town of Bissett	-	\$300	\$300

RM of Piney	-	\$600	\$600
Black River First Nation	-	\$300	\$300
MBMF	-	\$600	\$600
<b>Total</b>	<b>\$4,000</b>	<b>\$1,800</b>	<b>\$5,800</b>
<b>Outputs:</b>			
<ul style="list-style-type: none"> <li>▪ Fire Smart workshops in 5 forest-based communities</li> <li>▪ Identification of communities interested in developing fire protection plans</li> </ul>			
<b>Other Project Partners:</b> None			

<p><b>Project Title:</b> Development of Indigenous Ethno-tourism enterprises in Costa Rica  <b>Project Number:</b> 08-6-01  <b>Theme Area:</b> International Programs  <b>Project Leader:</b> Brian Kotak, General Manager of MBMF  <b>Project Status:</b> On-going, Year 2 of 5</p>	<p>2008-09</p>
<p><b>Purpose:</b> To initiate an ethno-tourism project with the Nairi Awari communities of Costa Rica which focuses on providing eco-tourism and cultural education opportunities</p>	
<p><b>Description:</b> During the last 2 years, Brokenhead Ojibway Nation (BON) and the MBMF initiated a project with the Reventazon Model Forest, the Regional Model Forest Network for Latin America and the Caribbean (LAC-Net) and Centro Agrinomico Tropical de Investigacion y Ensenanza (CATIE) on ethno-cultural tourism with the Nairi Awari (Indigenous) peoples of Costa Rica. To this end, a Concept Paper to the Indigenous Peoples Partnership Program of CIDA was submitted and approved for funding in 2007. A delegation from the MBMF and Brokenhead Ojibway Nation traveled to Costa Rica in March, 2007 to meet with the project partners and Cabecares communities. During this initial phase of the project, a feasibility study was completed, as well as a gender equity assessment and environmental impact assessment. Subsequently, (during the first six months of the FCP) a full proposal was submitted to CIDA for funding of a two year project that will focus on eco-tourism, non-timber forest products, land use planning and management of the Cabecares Reserve lands which is located next to La Amistad International Park (a World Heritage Site based on its exceptional biodiversity values), environmental education and monitoring. The Indigenous community is also located along the Pacuare River, one of the most acclaimed white water rafting rivers in the world. It is the desire of the community to establish an eco-tourism/ethno-tourism enterprise in which the community can provide tourism opportunities that highlight the natural tropical environment of their reserve, and the community's traditions and culture. The project will also provide opportunities for collaboration and exchange of ideas between the Nairi Awari peoples and Brokenhead Ojibway Nation (who have experience in eco-tourism, NTFPs, indigenous land use planning and cultural exchange).</p>	
<p>The following activities occurred in 2008-09:</p>	
<ul style="list-style-type: none"> <li>▪ A contribution agreement was signed between CIDAs Indigenous Peoples Partnership Program and BON in late December, 2008, thus allowing the project to proceed further.</li> <li>▪ With seed funding from the FCP, the community of Jameikari began development of a riverside tourism site along the Pacuare River in their reserve area. The community initiated construction of a 2 story, open-concept timber frame cabin. The cabin includes a large kitchen, eating area and sleeping area. The building will be completed later in 2009. In addition to the cabin, a bathroom, complete with flush toilets and showers were developed. A septic tank and field were constructed for this facility, set back from the river to prevent contamination. Hiking paths from the river to the cabin were also upgraded by providing a base of gravel and sand. The community also built a new hiking trail connecting the riverside cabin to the main community of Jameikari (about a 1 hour hike into the mountains). The new trail is much less steep than a previous trail. In 2009, the community will build a new cultural centre, mirador (viewing platform), upgrade hiking trails and install a drinking water treatment system.</li> <li>▪ All infrastructure mentioned above was constructed and completed by hand, including creation of wooden planks for the cabin.</li> <li>▪ MBMF General Manager and MBMF President visited the community in Costa Rica from January 26 to February 17, 2009 to track progress on the project, review budgets and the CIDA contribution agreement, and to assist in the construction of the pathway from the river to the riverside cabin. Meetings were also held with members of the community of Jameikari, the</li> </ul>	

Reventazon Model Forest Board of Directors, staff from CATIE and the Iboamerican Network of the International Model Forest network to discuss the project in detail and to set up a system to monitor and disburse funding to the community. The MBMF made a presentation on the project to a Protected Areas steering committee who is establishing a corridor of protected areas in Costa Rica. The Nairi Awari communities are members of this steering committee. The MBMF President also made a presentation on BONs protected wetland initiative and their involvement in a First Nation tourism association (Eastside Sustainable Tourism Inc).

- While in Costa Rica, visits were made to the Nairi Awari community of Tsinikitcha, who are interested in becoming more involved in the eco-tourism project.
- A community celebration was held in Jameikari to celebrate the approval of the CIDA proposal. Approximately 80 people attended, representing 8 Nairi Awari communities. Some people hiked for 2 days through the rain forest to attend the celebration. Prior to the festivities (which included traditional songs, dances and soccer games), a meeting was held with all present to discuss the project and how to include all communities in the economic development activities of the project.
- A draft Memorandum of Understanding between the project partners was developed
- The project partners in Costa Rica submitted a proposal to the United Nations Development Agency Small Grants Program for the implementation of training programs in eco-tourism. The proposal was successful.
- The project has been highlighted in several publications: a book summarizing all Model Forest sites in the Iboamerican Network of the International Model Forest Network, the Fall 2008 newsletter of the Forest Communities Program, summer 2008 edition of the International Model Forest Network electronic newsletter, and the January 2009 edition of the MBMF newsletter.

Note: the apparent shortfall in funding (\$5,475) was covered off by the MBMF in anticipation of the transfer of funding from CIDA (which was received in the 2009-10 fiscal year).

**Project Expenditures and Contributions:**

<b>Project Expenditures</b>	<b>Cash</b>	<b>In-kind</b>	<b>Total</b>
Administration	-	-	-
Project Activities	\$20,475	\$63,400	\$83,875
<b>Total</b>	<b>\$20,475</b>	<b>\$63,400</b>	<b>\$83,875</b>
<b>Project Contributions</b>	<b>Cash</b>	<b>In-kind</b>	<b>Total</b>
NRCan-CFS (core funding)	\$15,000	-	\$15,000
MBMF	-	\$13,500	\$13,500
Brokenhead Ojibway Nation		\$9,000	\$9,000
Costa Rican partners (see list below)	-	\$40,900	\$40,900
<b>Total</b>	<b>\$15,000</b>	<b>\$63,400</b>	<b>\$78,400</b>

**Outputs:**

- Successful funding proposal to CIDA and contribution agreement under the IPP Program
- Successful funding proposal to the United Nations Development Agency Small Grant Program
- MBMF mission to Costa Rica and the Nairi Awari communities
- Community meetings to review progress on the project
- Initiation of community infrastructure upgrades, including initiation of the construction of a new riverside cabin, construction of toilet, shower and wastewater treatment facilities, and upgrades to hiking paths.

- Draft memorandum of understanding
- 4 publications describing the project

**Other Project Partners:** Asociación de Turismo Cultural Indígena Cabécar Jameikári (ATCICJ), Reventazon Model Forest, Tropical Agriculture Research and Higher Education Center (CATIE), UNDP – Costa Rica – Small Grants Program (UNDP-SGP)/ ACTUAR, Canadian International Development Agency (CIDA), Ministry of Environment and Energy (MINAE), National Commission on Indigenous Affairs (CONAI), National Institute of Apprenticeship (INA), Regional Model Forest Network for Latin America and the Caribbean (LAC-Net), communities of Nairi Awari.

<b>Project Title:</b> Communicatons Strategy Implementation <b>Project Number:</b> 08-7-01 <b>Theme Area:</b> Communications and Outreach <b>Project Leader:</b> Brian Kotak, General Manager of MBMF <b>Project Status:</b> On-going, Year 2 of 5	2008-09
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**Purpose:** To provide support for the implementation of the MBMF communications strategy

**Report:** Since its inception in 1992, the MBMF has developed, implemented and refined its communications, outreach and networking strategy to keep pace with changes in communications tools and technologies and the changing ways in which various target audiences can be best reached. Our strategy contains three main components: a) knowledge and technology transfer, b) communications and outreach, and c) networking. To achieve our strategy objectives, the MBMF periodically utilizes communications consultants who are responsible for developing and maintaining several of our communications tools including our website ([www.manitobamodelforest.net](http://www.manitobamodelforest.net)), displays, newsletters and brochures, and our annual report. The content of written materials such as brochures and newsletters are commonly developed by individual project leaders, with formatting and editing done by the communications consultant. Target audiences include MBMF Board and committee members, MBMF communities, the research community, educators, environmental organizations, political organizations and decision-makers (e.g., Members of the Legislative Assembly, Members of Parliament, Political Parties, Municipal representatives), media, the Canadian Model Forest Network, our international project partners and the general public of Manitoba. Our strategy also includes assistance with communication efforts of both the Canadian Model Forest Network and the International Model Forest Network.

Activities undertaken in 2008-09 included:

- Development of materials for the MBMF website
- Completion of a floor display unit for holding promotional materials
- Development of promotional materials for the floor-standing display
- Production of the January, 2009 edition of the MBMF Newsletter “For All our Relations”
- Payment of web hosting fees
- Initiation of the creation of a 15 year MBMF achievements book
- Development/printing of a new MBMF brochure and poster
- Initiating the creation of a new MBMF logo (to be completed in 2009-10)

Note: there was a small deficit (expenses exceeded cash funding by \$155).

**Project Expenditures and Contributions:**

<b>Project Expenditures</b>	<b>Cash</b>	<b>In-kind</b>	<b>Total</b>
Administration	-	-	-
Project Activities	\$20,155	-	\$20,155
<b>Total</b>	<b>\$20,155</b>	-	<b>\$20,155</b>
<b>Funding Partner</b>	<b>Cash</b>	<b>In-kind</b>	<b>Total</b>
NRCan-CFS (core funding)	\$20,000	-	\$20,000
<b>Total</b>	<b>\$20,000</b>	-	<b>\$20,000</b>

**Outputs:**

- Floor standing display unit
- Updated website

- For All Our Relations newsletter
- Draft 15 year report
- New MBMF brochure and poster
- Draft MBMF logo designs

**Other Project Partners:** None

<b>Project Title:</b> Communicatons Support <b>Project Number:</b> 08-7-02 <b>Theme Area:</b> Communications and Outreach <b>Project Leader:</b> Brian Kotak, General Manager of MBMF <b>Project Status:</b> On-going, Year 2 of 5	2008-09
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**Purpose:** To promote the activities, projects and accomplishments of the MBMF by supporting various vehicles for program promotion

**Description:** The MBMF utilizes various means and vehicles for promotion of our projects and programs, as well as promoting linkages with local, regional, provincial, national and international partners. The Communications Support program supports the hosting/co-sponsoring of workshops and conferences, attendance of non-MBMF staff at workshops and conferences, production of various communication tools and interaction among partners.

Activities undertaken in 2008-09 include:

- Financial support for co-hosting the Forest Futures workshop with the Sustainable Forest Management Network
- Financial support of one Indigenous person from the Costa Rican community of Jameikari to visit Manitoba in June 2008, and to attend the International Model Forest Network Global Forum in Hinton, AB.
- Financial support for the production of Manidoo Abi, a book highlighting the east side of Lake Winnipeg, including the MBMF area. In addition, 10 copies of the book were purchased and donated to MBMF area school libraries and regional libraries
- Financial support for the production of a book highlighting scenic areas in Manitoba to visit. As part of the book, a chapter will be devoted to sites in the MBMF area as well as a description of the MBMF organization and projects. The book will be published in late 2009
- Financial support for the Canadian Model Forest Network
- Purchase of MBMF promotional materials for hand out at events, conferences, workshops etc.

Note: there was a small deficit (expenses exceeded cash funding by \$86).

**Project Expenditures and Contributions:**

<b>Project Expenditures</b>	<b>Cash</b>	<b>In-kind</b>	<b>Total</b>
Administration	-	-	-
Project Activities	\$10,086	-	\$10,086
<b>Total</b>	<b>\$10,086</b>	<b>-</b>	<b>\$10,086</b>
<b>Funding Partner</b>	<b>Cash</b>	<b>In-kind</b>	<b>Total</b>
NRCan-CFS (core funding)	\$10,000	-	\$10,000
<b>Total</b>	<b>\$10,000</b>	<b>-</b>	<b>\$10,000</b>

**Outputs:**

- Co-hosting the Forest Futures workshop with the Sustainable Forest Management Network
- Attendance of one Costa Rican project partner at the Global Forum, and visit to the MBMF area
- Production of Manidoo Abi photo book, highlighting sites along the east side of Lake Winnipeg, including the MBMF area. A copy of the book in each MBMF school library and regional library
- Contribution to a Manitoba scenic site book that will highlight the MBMF area

- Various promotional materials

**Other Project Partners:** None

### 3.0 Progress Towards Intended Outcomes

As part of the MBMF 5 Year Strategic Plan under the Forest Communities Program, the MBMF developed a Logic Model which describes how individual projects and activities support the attainment of short-term **Immediate Outcomes**, medium-term **Intermediate Outcomes**, and **Long-term Outcomes**. Immediate Outcomes are those results that are expected to be achieved in the first two years of the FCP, or within the first two years of the start of a particular project (for those projects starting part way through the FCP). Immediate Outcomes provide the foundation for the achievement of the Intermediate and Long-term Outcomes. In general, Intermediate Outcomes are expected to be realized within the latter part of the 5 year FCP and Long-term Outcomes are achieved by the end of the 5 year FCP and beyond.

The MBMF Logic Model, which describes the linkages between the 6 main Program/Theme Areas of the MBMF and the activities, outputs and outcomes is shown in Figure 1. A summary of how various projects and activities undertaken in 2008-09 of the FCP contributed to the attainment of Immediate, Intermediate and Long-term Outcomes is provided, starting on page 67. Immediate Outcomes are structured around the six main program theme areas of the MBMF.

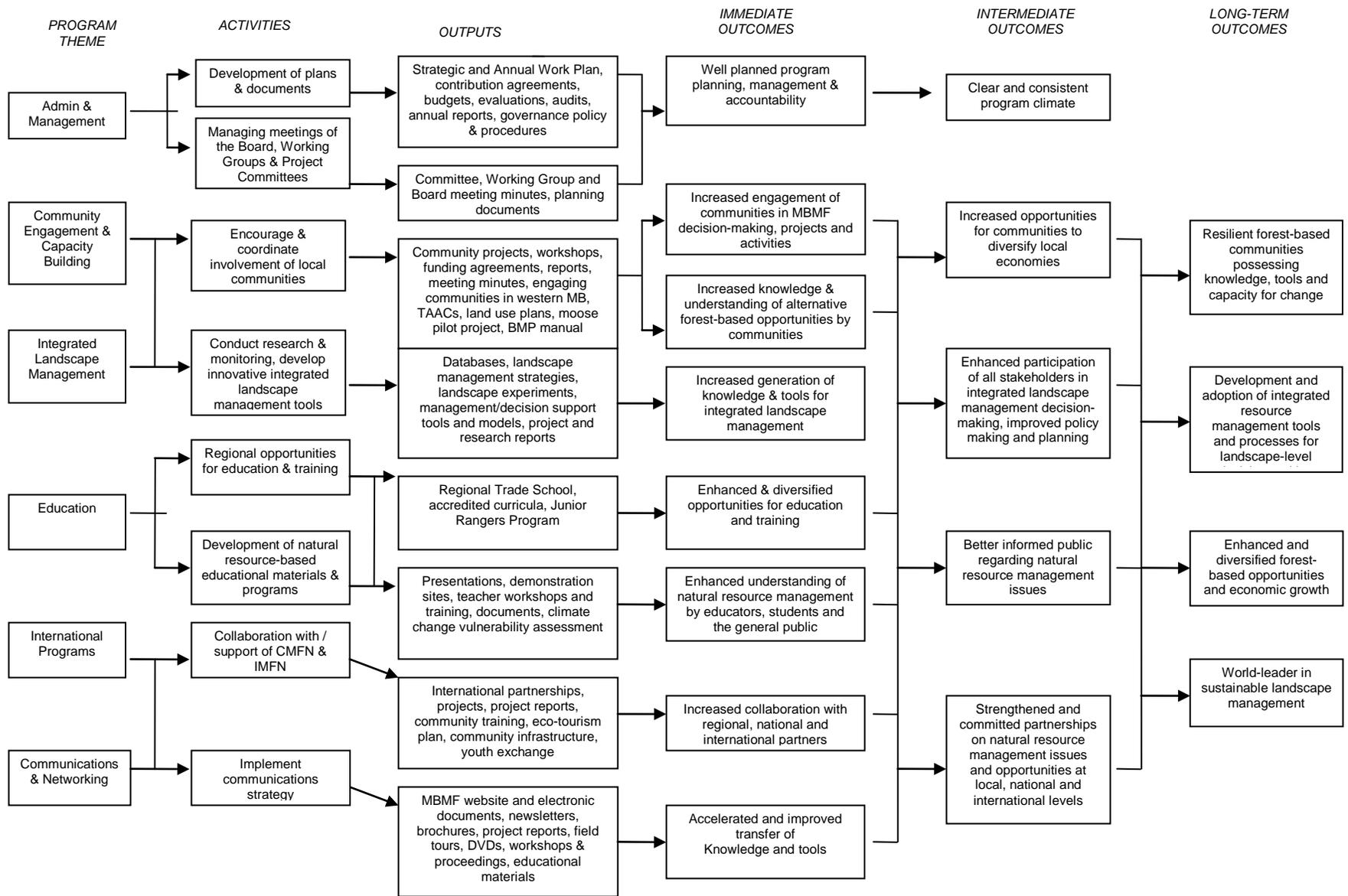


Figure 1. Manitoba Model Forest Logic Model

### **3.1 Immediate Outcomes**

<b>Theme Area: Administration and Management</b>
Immediate Outcome #1: Well-planned program planning, management and accountability
<ul style="list-style-type: none"> <li>• The MBMF staffing consisted of a part-time General Manager and a full-time Executive Assistant (08-1-01 Staff Salaries and Associated Deductions)</li> <li>• The 2009-10 Annual Work Plan and budget was developed and approved</li> <li>• The first Annual Report (i.e., first 6 months of the FCP) was developed and submitted to the CFS, and approved</li> <li>• Development of a funding proposals on wolves in the MBMF</li> <li>• Development of contribution agreements with the Canadian International Development Agency (CIDA) for our ethno-tourism project in Costa Rica (08-6-01 Development of Indigenous Ethno-tourism enterprises in Costa Rica), Science Horizons Youth Internship Program for the bio-monitoring project (08-2-06 Terrestrial Bio-monitoring), and First Nations Forestry Program for the Junior Rangers Project (08-4-08 Junior Rangers)</li> <li>• Six meetings of the three working groups (Forest Community Engagement and Capacity Building, Integrated Landscape Management, and Education) were held to develop budgets and the annual work plan for projects under their respective responsibility (08-5-01 Forest Community Engagement Working Group Support, 08-2-23 Integrated Landscape Management Working Group Support and 08-4-10 Education Working Group Support, respectively)</li> <li>• Development of project activity and financial reports to the MBMF Board of Directors</li> <li>• The MBMF Board of Directors met five times to develop, review and approve the annual work plan (08-1-06 Board Travel and Support), as well as to review progress on projects</li> <li>• Two new organizations were added to the MBMF Board of Directors: Louisiana Pacific Corp. and Manitoba Forestry Association <ul style="list-style-type: none"> <li>▪ The MBMF Annual General Meeting was held on June 26, 2008. This was also the official launch of the FCP in Manitoba. The meeting was attended by the Honourable Vic Toews, MP for Provencher and President of the Treasury Board of Canada, as well as other dignitaries and Canadian Forest Service staff.</li> <li>▪ An annual financial audit of the MBMF was conducted (08-1-02 Supplies and Services)</li> </ul> </li> <li>• Various pieces of office equipment were purchased (08-1-02 Supplies and Services)</li> <li>• Various insurances and office services were purchased (08-1-02 Supplies and Services)</li> <li>• The General Manager met with funding agencies and other partners to plan and discuss projects (08-1-04 Staff Travel), including meetings with project partners in Costa Rica</li> </ul>
<b>Theme Area: Community Engagement and Capacity Building</b>
Immediate Outcome #2: Increased engagement of communities in MBMF decision-making, projects and activities
<ul style="list-style-type: none"> <li>• Boards of Directors meetings were held to develop and approve the 2009-10 annual work plan. The Board represents more than 25 communities, organizations and interest groups, and gave an opportunity for direct input into identifying priorities for projects (08-1-06 Board Support and Travel). Opportunities for more detailed input was also provided through meetings of the Forest Community Engagement and Capacity Building Working Group (08-5-01 Forest Community Engagement Working Group Support), Integrated Landscape Management Working Group (08-2-23 Integrated Landscape Management Working Group Support), and</li> </ul>

Education Working Group (08-4-10 Education Working Group Support)

- Nine projects were funded by the MBMF under the Community Opportunities Program (08-5-02 Community Opportunities Program). This provides an example of the direct, tangible benefits of their participation in the MBMF. These community-based projects also furthered partnership building by allowing the communities to secure an additional \$113,000 in cash and in-kind funding to their projects
- With the assistance of the MBMF, Hollow Water First Nation and Black River First Nation submitted funding proposals to INAC for the continuation of developing a moose co-management regime with the Government of Manitoba (08-5-13 Committee for Cooperative Moose Management)
- The MBMF provided funding for a traditional land use study in the Duck Mountains. This is the first land use study conducted by First Nations in this area of the province and one of the first projects that the MBMF has undertaken with First Nations in western Manitoba (08-5-14 First Nation Engagement in Western Manitoba)
- Meetings of the First Nation Traditional Area Advisory Committees (TAACs) enabled communities to discuss natural resource management issues that affect their traditional areas (08-5-14 Traditional Area Advisory Committees)
- Brokenhead Ojibway Nation (BON) helped to organize and lead the Ethno/Eco-tourism project (in collaboration with the Reventazon Model Forest) in Costa Rica. BON also provided their expertise in cultural tourism to the project (08-6-01 Development of Indigenous Ethno-tourism enterprises in Costa Rica)

Immediate Outcome #3: Increased knowledge and understanding of alternative forest-based opportunities by communities

- Through a grant from the MBMF Community Opportunities Program, the Edgewater Development Corporation was formed, to help enhance economic opportunities in the Edgewater region (which includes the MBMF area)
- A traditional land use study was initiated by First Nations in the Duck Mountains of western Manitoba. The project is exploring historical and current land use by First Nations (08-5-14 First Nation Engagement in Western Manitoba)
- The Hollow Water First Nation and Black River First Nation TAACs explored opportunities, through community-based meetings, for moose co-management (including associated economic spin-offs) in their traditional area (08-5-14 Traditional Area Advisory Committees)
- Through a MBMF Community Opportunities Program grant, students at Ecole Powerview School participated in tapping Manitoba Maple trees and producing their own syrup (08-5-02 Community Opportunities Program). Students from Wanipigow School also learned about NTFPs at a workshop held in Hollow Water First Nation (08-5-18 Alternative Economic Opportunities From the Forest)
- Non-timber forest product (NTFP) workshops were held in three MBMF area communities. 81 people attended, including 15 students from Wanipigow School. Participants learned about economic opportunities in NTFPs and potential training courses (08-5-18 Alternative Economic Opportunities From the Forest). The MBMF also provided financial support for the creation of a new NTFP training course curriculum. Results of a workshop survey indicated great interest in this sector by the participants
- An Ethno/Eco-tourism project continued with the Cabecar Indigenous peoples of Costa Rica. The project will help the Nairi Awari communities of central Costa Rica develop ethno- and eco-tourism based economic opportunities in their indigenous reserve (08-6-01 Development of Indigenous Ethno-tourism enterprises in Costa Rica)

## Theme Area: Integrated Landscape Management

### Immediate Outcome #4: Increased generation of knowledge and tools for integrated landscape management

- The Manitoba Trappers Association and Tembec Inc. continued to work collaboratively together on the final revisions of a trapline/forestry best management practices manual. Once completed, this document will be an invaluable tool for the trapping industry and forest industry to use to work together and resolve land use conflicts (08-5-10 Trapper Involvement)
- An Aerial survey for moose was undertaken in Game Hunting Area 36 (just south of the MBMF area) by the moose committee to provide comparative data to the moose populations in the MBMF area (08-5-13 Committee for Cooperative Moose Management). The moose committee also collaborated with the Eastern Manitoba Woodland Caribou Advisory Committee on joint aerial surveys for moose, deer, wolves and caribou in the game hunting area to the north (Game Hunting Area 26).
- 9 meetings of the Eastern Manitoba Woodland Caribou Advisory Committee were held (08-2-33 Caribou Management)
- A new project examining wolf and caribou interactions was initiated. This involved the placement of VHF and GPS collars on wolves (08-2-33 Caribou Management)
- A draft conservation strategy for the Atiko and Bloodvein woodland caribou ranges was developed (08-2-33 Caribou Management)
- Aerial surveys were conducted in the Owl Lake caribou range to determine recruitment and survival (08-2-33 Caribou Management)
- A computer model was developed to predict caribou calving habitat and locations (08-2-33 Caribou Management)
- An assessment of the potential implications of the new 20 year Tembec Sustainable Forest Stewardship Plan on woodland caribou was undertaken (08-2-33 Caribou Management)
- Water quality information was collected on rivers in eastern Manitoba. This data will be used to understand the effects of land use practices on water quality and for the development of watershed planning tools. Initial data was collected on 20 remote river/stream sites in preparation for site selection for an experimental harvesting project (08-2-66 Watershed Management Tools)
- A land use study in the Duck Mountains (currently underway) will provide tools and information for land use decisions in that region of Manitoba (08-5-14 First Nation Engagement in Western Manitoba)
- Long-term vegetation study plots were established along one lake in the MBMF to assess the ecological implications of leaving forested riparian buffer strips during timber harvest (08-2-06 Terrestrial Bio-monitoring)
- Long-term vegetation study plots were established in the Oak forest of the Bois des Esprit (a new protected area in the City of Winnipeg) (08-2-06 Terrestrial Bio-monitoring)
- Almost 250 sites containing more than 1,400 individuals of rare plant species were documented in the MBMF area in the Rare Species project (08-2-24 Integration of Rare Species into Landscape Management Planning)
- A “proof of concept” project was undertaken to develop predictive models for locating plant species of interest to First Nations (08-2-26 Species of Special Interest)
- A draft version of a computer simulation model (DVD) was produced as a public education tool to examine the effects of a large windstorm on the forest in the Whiteshell Provincial Park, including projections of how the forest will regenerate after salvage logging (08-2-25 Scenario Planning)

**Theme Area: Education****Immediate Outcome #5: Enhanced and diversified opportunities for education and training**

- The MBMF financially supported the construction of an education centre in the Duck Mountains, which will provide opportunities for MBMF education programming with First Nation students in western Manitoba (08-5-14 First Nation Engagement in Western Manitoba)
- A two day natural resources career workshop was held with 40 students from Skownan First Nation, from western Manitoba (08-5-14 First Nation Engagement in Western Manitoba). In addition, 3 youth from Skownan First Nations attended the Junior Rangers program in 2008 (08-4-08 Junior Rangers)
- High school students received training in, and participated in the collection of forest vegetation health data (08-2-06 Terrestrial Bio-monitoring)
- The Winnipeg River Learning Centre (WRLC) began its second year of operation, offering a wide range of education and training opportunities for the MBMF area. Programs at the WRLC provide local communities with post-secondary training, helping to diversify the available workforce (08-4-07 Winnipeg River Learning Centre). Almost 200 full and part-time students were involved in programming at the WRLC, with high Aboriginal participation
- The Junior Rangers program was initiated, which provided training opportunities in natural resource management for 30 Aboriginal and non-Aboriginal youth, representing 8 communities for eastern and western Manitoba and north western Ontario (08-4-08 Junior Rangers). Each student received more than 200 hours of training in a variety of aspects of natural resource management
- 27 woodlot education workshops were held in collaboration with the Manitoba Forestry Association (08-4-09 Woodlot Education), with approximately 680 participants
- The 2008 Envirothon was held in a MBMF area community. The Envirothon provided an opportunity for high school students to learn about natural resource management issues and to put that knowledge to work in an “Olympic-style” environmental competition (08-4-13 Education for Sustainable Development)
- Three NTFP workshops were held in MBMF area communities to educate the public about NTFPs and potential economic opportunities (08-5-18 Alternative Economic Opportunities From the Forest)

**Immediate Outcome #6: Enhanced understanding of natural resource management by educators, students and the general public**

- Meetings of the First Nation Traditional Area Advisory Committees (TAACs) increased the understanding of the management of forestry, mining, hydro development and other industrial activities in their traditional areas. The meetings provided an effective venue for discussions between the communities, provincial government and industries (08-5-14 Traditional Area Advisory Committees)
- Presentations on MBMF school curricula were also made to 40 high school teachers at the annual provincial Special Area Groups in-service (08-4-14 Provincial Natural Resource Management Curricula)
- Presentation of MBMF curricula to teachers as part of “Forest Ed for Teachers and through workshops with University of Winnipeg Faculty of Education students (08-4-14 Provincial Natural Resource Management Curricula)
- A workshop was conducted with education students (future teachers) at the University of Winnipeg on the use of the MBMF woodland caribou curriculum (08-4-14 Provincial Natural Resource Management Curricula)
- A draft version of a computer simulation model (DVD) was produced as a public education

tool to examine the effects of a large windstorm on the forest in the Whiteshell Provincial Park, including projections of how the forest will regenerate after salvage logging (08-2-25 Scenario Planning)

- Participation of the MBMF in Manitoba Forestry Association woodlot education workshops and tours (08-4-09 Woodlot Education)
- 5 community-based workshops were offered on Fire Smart (08-4-15 Climate Change)
- Financial support for the production of the Manidoo Abi book (08-7-02 Communications Support)

### **Theme Area: International Programs**

**Immediate Outcome #7: Increased collaboration with regional, national and international partners**

- Our Ethno/Eco-tourism project continued with the Nairi Awari communities of the Cabecar indigenous peoples in Costa Rica. The project provides for the development of an eco-tourism management plan for their reserve area, training in the eco-tourism and hospitality industry and improve community infrastructure in order to receive eco-tourism clients. This is a collaboration between the MBMF, Reventazon Model Forest, Centre for Tropical Agriculture Research and Higher Learning (CAITE), and the indigenous communities of Brokenhead Ojibway Nation (Manitoba) and Nairi Awari (Costa Rica).
- The MBMF initiated a new partnership with the Centre for Non-timber Resources, Royal Roads University (British Columbia) that is focused on NTFP education, training and business development (08-5-18 Alternative Economic Opportunities From the Forest)
- The MBMF formed new partnerships with 3 conservation districts, Manitoba Water Stewardship, and renewed other existing MBMF partnerships (with Louisiana Pacific, Ducks Unlimited Canada, Manitoba Conservation) through initiating a new project on watershed management in the Duck Mountains (08-2-63 Stakeholder-based Watershed Management in Western Manitoba)
- The MBMF formed a partnership with the Sustainable Forest Management to co-host a national workshop on Landscape Design and a workshop on Forest Futures (08-2-27 Landscape Design)
- The MBMF Education Coordinator was invited to attend and present our Junior Rangers program at a workshop in Moncton (NB) and built new partnerships at an Ecological Goods & Services workshop in Ottawa (08-4-10 Education Working Group Support)

### **Theme Area: Communications and Networking**

**Immediate Outcome #8: Accelerated and improved transfer of knowledge and tools**

- Attendance and participation in Canadian Model Forest Network (CMFN) Board of Directors meetings, General Manager meetings, various committees of the CMFN and attendance at the International Model Forest Network Global Forum in Hinton, AB (08-1-01 Staff Salaries and Associated Deductions)
- MBMF caribou research was presented at an international conference on caribou management in Goose Bay (NFLD and Labrador) and at the Wildlife Society Conference in Miami (FL) (08-2-23 Integrated Landscape Management Working Group Support)
- Post card for the public reporting of caribou sightings were developed, as well as a caribou poster, additional copies of the popular caribou school curriculum and copies of the MBMF caribou DVD (Shadows of the Forest) (08-2-33 Caribou Management). The grand opening of an educational kiosk on woodland caribou was also held at the Black Lake campground
- MBMF website was updated (08-7-01 Communications Strategy Implementation)
- Purchase of various promotional materials for handout at conferences, workshops and school field trips (08-7-02 Communications Support)
- 4 project reports were produced through the Terrestrial Bio-monitoring project (08-2-06

Terrestrial Bio-monitoring)

- A national Landscape Design workshop, co-hosted with the Sustainable Forest Management Network explored the intricacies of landscape planning with more than 100 participants. A DVD of the workshop and a workshop summary were produced (08-2-27 Landscape Design, 08-7-02 Communications Support)
- A “Forest Futures” workshop was held jointly with the Sustainable Forest Management Network (08-2-27 Landscape Design)
- A draft version of a computer simulation model (DVD) was produced as a public education tool to examine the effects of a large windstorm on the forest in the Whiteshell Provincial Park, including projections of how the forest will regenerate after salvage logging (08-2-25 Scenario Planning)
- MBMF projects and programs were featured in a number of external agency publications (08-4-07 Winnipeg River Learning Centre, 08-4-08 Junior Rangers, 08-6-01 Development of Indigenous Ethno-tourism Enterprises in Costa Rica)
- The caribou curriculum was translated into French, and 100 copies of the Grade 7 and 10 MBMF curricula were re-printed (08-4-14 Provincial Natural Resource Management Curriculum)
- Participation of the MBMF in 27 Manitoba Forestry Association woodlot education workshops and tours (08-4-09 Woodlot Education)
- In collaboration with the Manitoba Forestry Association, creation of “stuffed tree” and “forest in a box” educational tools
- Presentations on MBMF projects and programs to more than 230 teachers and 1000 students across Manitoba
- Production of the January 2009 edition of the MBMF newsletter “For All Our Relations”, initiation of a 15 year achievements report, creation of a new MBMF brochure and poster, and progress towards the development of a new logo for the MBMF (08-7-01 Communications Strategy Implementation)
- Funding provided to support the travel of one Indigenous Costa Rican partner to attend the Global Forum in Hinton, AB (08-7-02 Communications Support)
- Financial support of the Canadian Model Forest Network (08-7-02 Communications Support)

### **3.2 Intermediate Outcomes**

There are 6 intermediate outcomes that the MBMF has developed under the FCP. Many of the intermediate outcomes cross over the 6 main Theme Areas of our program. While the intermediate outcomes will not be realized until the latter part of the FCP, many of the projects and activities have already contributed to achieving these outcomes. These are outlined below.

#### **Intermediate Outcome #1: Clear and consistent program climate**

Progress towards meeting this intermediate outcome included the development of the 2009-10 annual work plan and the first annual report to the FCP, as well as meetings of the Board of Directors and Working Groups. Specific activities included:

- Provision of funding to staff the MBMF office with a General Manager and Executive Assistant (08-1-01 Staff Salaries and Associated Deductions)
- Development and approval of the 2009-10 annual work plan and development of the first

annual report to the FCP

- Financial audit of the MBMF (08-1-02 Supplies and Services)
- Development of new Contribution Agreements with the Canadian International Development Agency (CIDA), Science Horizon Youth Internship Program and First Nations Forestry Program
- Meetings of the Board of Directors and individual Working Groups to track progress on projects and budgets (08-1-06 Board Travel and Support, 08-5-01 Forest Community Engagement Working Group Support, 08-2-23 Integrated Landscape Management Working Group Support and 08-4-10 Education Working Group Support)
- 

### **Intermediate Outcome #2: Increased opportunities for communities to diversify local economies**

Progress towards this intermediate outcome is being addressed by working with communities to explore opportunities for economic diversification, as well as the provision of training programs through the Winnipeg River Learning Centre and the Junior Rangers program. Specific activities include:

- Exploration with First Nations of the co-management of moose in the MBMF area, including enforcement and monitoring/research careers (08-5-13 Committee for Cooperative Moose Management)
- Exploration of non-timber forest product (NTFP) business opportunities through workshops with communities in the MBMF area (08-5-18 Alternative Economic Opportunities from the Forest)
- Initiation of a First Nation traditional land use study in the Duck Mountains (08-5-14 First Nation Engagement in Western Manitoba)
- Development of eco-tourism based economic opportunities through the creation of an ethno-eco-tourism project with Indigenous communities in Costa Rica (08-6-01 Development of Indigenous Ethno-tourism enterprises in Costa Rica)
- Training opportunities to enhance diversification of the economy in the MBMF area by the programming of the Winnipeg River Learning Centre (08-4-07 Winnipeg River Learning Centre)
- Training of 30 youth in aspects of natural resource management through a Junior Rangers program (08-4-08 Junior Rangers)

### **Intermediate Outcome #3: Enhanced participation of all stakeholders in integrated landscape management decision-making**

Progress towards meeting this intermediate objective focuses on enabling participation of communities and other organizations in projects that allow for both direct and indirect input into decision-making. Specific activities included:

- Meetings of the First Nation Traditional Area Advisory Committees to review, discuss and provide recommendations to Chief and Councils on matters relating to land use activities in their traditional land use areas (08-5-14 Traditional Area Advisory Committees)
- Leadership of the Manitoba Trappers Association in the development of a draft trap line/forestry best management practices manual (08-5-10 Trapper Involvement)
- Multi-stakeholder meetings of the Eastern Manitoba Woodland Caribou Advisory Committee (08-2-33 Caribou Management). Empowering this multi stakeholder committee to develop a draft conservation strategy for the Atiko and Bloodvein woodland caribou ranges
- Involvement of a First Nation in a “proof of concept” model to predict the location of plants of interest to First Nation communities

**Intermediate Outcome #4: Improved policy making and planning for integrated landscape management**

Progress towards this intermediate objective was focused on data collection that would allow for more informed development of policy, as well as the development of several natural resource management tools. Specific activities included:

- Collection of population-level data on moose and woodland caribou (08-5-13 Committee for Cooperative Moose Management, 08-2-33 Caribou Management), including recruitment and survival information for woodland caribou
- Development of a draft conservation strategy for these woodland caribou ranges (08-2-33 Caribou Management)
- Development of a model to predict woodland caribou calving habitat (08-2-33 Caribou Management)
- Production of a computer simulation model to demonstrate the impacts of natural disturbances (a wind storm) on forest structure in a provincial park, and the long-term regeneration of the forest (08-2-25 Scenario Planning)
- Collection of distribution data for several rare plant species (08-2-24 Integration of Rare Species into Landscape Management Planning)
- Assessment of the implications of the use of forested buffer strips on long-term ecological dynamics in riparian areas (08-2-06 Terrestrial Bio-monitoring)
- Water quality data was collected on a number of rivers in the MBMF area, which will be used to develop watershed planning tools (08-2-66 Watershed Management Tools)
- Initial meetings were held with new partners in western Manitoba to initiate a stakeholder-based watershed management project (08-2-63 Stakeholder-based Watershed Management in Western Manitoba)

**Intermediate Outcome #5: Better informed public regarding natural resource management issues**

Progress towards this intermediate objective mainly involved education and training, presentations, workshops and the development of communications tools. Specific activities included:

- Meetings of the 3 main Working Groups to discuss projects (08-5-01 Forest Community Engagement Working Group Support, 08-2-23 Integrated Landscape Management Working Group Support, 08-4-10 Education Working Group Support)
- Meetings of the First Nation Traditional Area Advisory Committees to discuss resource management issues (08-5-14 Traditional Area Advisory Committees)
- Landowner tree planting and woodlot management workshops and field trips held in collaboration with the Manitoba Forestry Association (08-4-09 Woodlot Education)
- 2008 Junior Rangers Program and 2008 Envirothon (08-4-08 Junior Rangers, 08-4-13 Education for Sustainable Development)
- More than 50 presentations on MBMF projects and natural resource management to students, school teachers and the general public
- Distribution of MBMF curriculum materials to teachers schools (08-4-14 Provincial Natural Resource Management Curricula, 08-7-02 Communications Support)
- Development of a new MBMF brochure, publication of the MBMF newsletter “For all our Relations” (08-7-01 Communications Strategy Implementation)
- Fire Smart workshops in communities (08-4-15 Climate Change)

### **Intermediate Outcome #6: Strengthened and committed partnerships on natural resource management issues and opportunities at local, national and international levels**

Progress towards this intermediate outcome occurred through developing new funding and project partnerships, hosting meetings at which partners discussed natural resource management issues, and forging new international partnerships. Specific activities included:

- Meetings of the MBMF Board of Directors and MBMF Working Groups provided a platform for strengthening existing partnerships. Meetings of individual project committees also facilitated this.
- As a result of the FCP, new partnerships were also formed. This included new partnerships in western Manitoba with 3 conservation districts in a new watershed management project, and a partnership with the Sustainable Forest Management Network to co-host and deliver 2 national workshops
- A contribution agreement with CIDA allowed for the continued strengthening of the new partnerships developed between the MBMF, Brokenhead Ojibway Nation and numerous partners in Costa Rica

### **3.3 Long-term Outcomes**

Long-term outcomes are those that will be achieved by the end of the 5 year Forest Communities Program. There are four main long-term outcomes that the MBMF has developed under the FCP:

- Resilient forest-based communities that possess the knowledge, tools and capacity needed to adapt to changes in the natural resource sector and forest environment
- Enhanced development and adoption of integrated resource management tools and processes for landscape-level decision making
- Enhanced and diversified forest-based opportunities and economic growth in rural communities
- Recognition as a world-leader in sustainable landscape management, both domestically and internationally

While it is early on in the FCP, several of the projects outlined in this report are already contributing to the fulfillment of the long-term outcomes. For example, exploration with communities of alternative economic opportunities from the forest (i.e., NTFPs) has generated much interest. The partnership with Royal Roads University on the development and delivery of intensive NTFP training programs will provide communities and local entrepreneurs with the knowledge and skills needed to develop viable businesses. Initiatives such as the Winnipeg River Learning Centre, is also providing training, knowledge and tools in a diversity of career sectors, which will eventually lead to a more diversified workforce in the MBMF area. The high Aboriginal participation in the Winnipeg River Learning Centre demonstrates the need for such a facility and programming in our region. The initiation of a Junior Rangers program will help stimulate interest in youth in careers in natural resource management.

The FCP is providing a mechanism for the development of new, integrated landscape management tools and for the participation of local communities and organizations in decision-making and an influence on provincial policy. The work of the Eastern Manitoba Woodland Caribou Advisory Committee and the Committee for Cooperative Moose Management are held up as successful examples of how local, stakeholder and community-driven committees can conduct research,

development management strategies and influence provincial policy on matters of natural resource management. The draft conservation strategy for the Atiko and Bloodvein woodland caribou ranges is one example. The Traditional Area Advisory Committees, established in 2 MBMF area First Nation communities, and their work on moose co-management are another example of empowering local communities to take a lead role in natural resource management.

The joint project between the MBMF, Brokenhead Ojibway Nation, the Reventazon Model Forest and the Indigenous Nairi Awari communities in Costa Rica is providing real and tangible economic benefits to remote, indigenous communities in Costa Rica. Through the partnerships developed, improvements to community infrastructure, training and education and community pride has already been observed. Through this project, as well as other projects conducted in Manitoba, the MBMF is becoming recognized as a world-leader and enabler of sustainable development.

#### 4.0 Annual Financial Report

A financial summary for actual program/project expenditures (Table 1) as well as a summary of the cash and in-kind contributions of all partners (Table 2) for the 2008-09 fiscal year are provided below. In addition, Table 3 provides a summary of the reconciled programs/projects expenditures for the FCP to the end of March 31, 2009 and projected annual expenditures to 2012.

Table 1 Program expenditures and in-kind estimates during the period of April 1, 2008 to March 31, 2009 by Theme Area and projects.

Theme Area and Project	NRCan-CFS (FCP Funds)	Partner/Other		Total
		Cash	In-kind	
<b>Administration</b>	Cash	Cash	In-kind	Total
Salaries and Associated Deductions	\$114,534	-	-	\$114,534
Supplies and Services	\$29,000	\$199	\$23,000	\$52,199
Staff Travel	\$9,051	-	-	\$9,051
Board Travel and Support	\$16,000	-	\$39,000	\$55,000
<b>Subtotal</b>	<b>\$168,585</b>	<b>\$199</b>	<b>\$62,000</b>	<b>\$230,784</b>
<b>Forest Community Engagement</b>	Cash	Cash	In-kind	Total
Working Group Support	\$2,500	-	\$6,600	\$9,100
Community Opportunities	\$30,500	\$500	\$113,100	\$144,100
Moose Management	-	\$8,277	\$30,900	\$39,177
First Nation Engagement in Western Manitoba	\$6,500	\$696	\$92,900	\$100,096
Traditional Area Advisory Committees	-	\$18,967	\$49,650	\$68,617
First Nation Land Use Planning	\$4,340	-	-	\$4,340
Trapper Involvement	-	\$3,976	\$8,200	\$12,176
Non-timber Forest Products	\$7,500	\$2,500	\$8,500	\$18,500
<b>Subtotal</b>	<b>\$51,340</b>	<b>\$34,916</b>	<b>\$309,850</b>	<b>\$396,106</b>
<b>Integrated Landscape Management</b>				
Working Group Support	\$9,000	-	\$6,000	\$15,000
Caribou Management	-	\$90,234	\$174,650	\$264,884
Natural Disturbance Regime	-	-	-	-
Watershed Management in Western Manitoba	-	\$660	\$6,450	\$7,110
Watershed Management Tools	-	\$24,741	\$12,200	\$36,941
Terrestrial Bio-monitoring	-	\$61,603	\$14,200	\$75,803
Rare Species	-	\$5,000	\$1,800	\$6,800
Species of Special Interest	-	-	\$1,800	\$1,800
Landscape Design	-	\$34,365	\$35,000	\$69,365
Scenario Planning	-	\$12,600	\$7,500	\$20,100
<b>Subtotal</b>	<b>\$9,000</b>	<b>\$229,203</b>	<b>\$259,600</b>	<b>\$497,803</b>

Theme Area and Project	NRCan-CFS (FCP Funds)	Partner/Other		Total
		Cash	In-kind	
<b>Education</b>	Cash	Cash	In-kind	Total
Working Group Support	\$3,029	-	\$9,900	\$12,929
Winnipeg River Learning Centre	\$5,000	\$25,000	\$331,000	\$361,000
Junior Rangers	\$25,000	\$58,266	\$82,800	\$166,066
Curriculum	\$7,500	\$34,709	\$8,000	\$50,209
Woodlot Education	\$2,500	\$2,500	\$7,650	\$12,650
Education for Sustainable Development	\$4,500	\$9,007	\$10,000	\$23,507
Climate Change	\$4,000	\$2,148	\$1,800	\$7,948
<b>Subtotal</b>	<b>\$51,529</b>	<b>\$131,630</b>	<b>\$451,150</b>	<b>\$634,309</b>
<b>International Programs</b>				
Costa Rica-Reventazon MF	\$15,000	\$5,475	\$63,400	\$83,875
<b>Subtotal</b>	<b>\$15,000</b>	<b>\$5,475</b>	<b>\$63,400</b>	<b>\$83,875</b>
<b>Communications and Networking</b>				
Communications Strategy Implementation	\$20,155	-	-	\$20,155
Communications Support	\$10,086	-	-	\$10,086
<b>Subtotal</b>	<b>\$30,241</b>	<b>-</b>	<b>-</b>	<b>\$30,241</b>
<b>Grand Total</b>	<b>\$325,695</b>	<b>\$401,423</b>	<b>\$1,146,000</b>	<b>\$1,873,118</b>

Note: Expenditures (\$325,965 – above) of FCP funds was higher than the amount of FCP funds received (\$325,000 – see table 2). This over expenditure was paid by MBMF funds.

Table 2 Financial Contributions during the period of April 1, 2008 to March 31, 2009

<b>Contributor</b>	<b>Cash</b>	<b>In-Kind</b>	<b>Total</b>
NRCan-CFS (FCP)	\$325,000	\$6,000	\$331,000
Manitoba Conservation	\$100,000	\$237,650	\$337,650
Manitoba Hydro	\$100,000	\$5,000	\$105,000
Louisiana-Pacific	\$50,000	\$22,900	\$72,900
Tembec	\$50,000	\$60,250	\$110,250
Sustainable Forest Management Network	\$26,799	\$10,000	\$36,799
First Nations Forestry Program	\$18,000	\$37,800	\$55,800
EMAN	\$12,000	-	\$12,000
Manitoba Habitat Heritage Corporation	\$6,750	-	\$6,750
MBMF	\$5,699	\$62,550	\$68,249
Eastland Wildlife Association	\$200	\$300	\$500
Black River First Nation	-	\$28,500	\$28,500
Brokenhead Ojibway First Nation	-	\$16,150	\$16,150
Community of Bisset	-	\$300	\$300
Community of Seymourville	-	\$900	\$900
Community Opportunities Program communities	-	\$109,600	\$109,600
Community Opportunities Subcommittee	-	\$1,500	\$1,500
Costa Rican partners	-	\$36,200	\$36,200
Ducks Unlimited Canada	-	\$4,500	\$4,500
Forest Practices Committee	-	\$10,000	\$10,000
Frontier School Division	-	\$1,000	\$1,000
Hollow Water First Nation	-	\$33,000	\$33,000
Intermountain Conservation District	-	\$750	\$750
Kelsey Conservation District	-	\$600	\$600
Lake of the Prairies Conservation District	-	\$150	\$150
LDG of Pinawa	-	\$3,300	\$3,300
Manitoba Christmas Tree Growers Assoc	-	\$300	\$300
Manitoba Forestry Association	-	\$10,400	\$10,400
Manitoba Infrastructure and Transportation	-	\$1,800	\$1,800
Manitoba Metis Federation	-	\$3,000	\$3,000
Manitoba Naturalist Society	-	\$1,200	\$1,200
Manitoba Trappers Association	-	\$7,800	\$7,800
Manitoba Water Stewardship	-	\$1,800	\$1,800
Manitoba Youth and Training	-	\$1,000	\$1,000
Miette Environmental	-	\$20,000	\$20,000
Northeast Regional Health Authority	-	\$15,000	\$15,000
Northeast Sustainable Development Assoc	-	\$2,200	\$2,200
Pineland Nursery	-	\$300	\$300
Red River Community College	-	\$20,000	\$20,000

<b>Contributor</b>	<b>Cash</b>	<b>In-Kind</b>	<b>Total</b>
Royal Roads University	-	\$1,500	\$1,500
Rural Municipality of Alexander	-	\$1,500	\$1,500
Rural Municipality of Lac du Bonnet	-	\$1,500	\$1,500
Rural Municipality of Piney	-	\$600	\$600
Rural Municipality of Victoria Beach	-	\$1,200	\$1,200
Sagkeeng First Nation	-	\$750	\$750
Shining Waters Heritage Region	-	\$3,000	\$3,000
Sunrise School Division	-	\$30,900	\$30,900
Sustainable Development Innovations	-	\$25,000	\$25,000
Swan Lake Conservation District	-	\$750	\$750
Time to Respect Earth's Ecosystems	-	\$5,100	\$5,100
Town of Lac du Bonnet	-	\$2,400	\$2,400
Town of Powerview-Pine Falls	-	\$10,000	\$10,000
United Nations Development Program	-	\$5,000	\$5,000
University of Manitoba	-	\$1,000	\$1,000
University of Winnipeg	-	\$7,000	\$7,000
Western Manitoba First Nations	-	\$5,000	\$5,000
West Region Tribal Council	-	\$12,500	\$12,500
Whiteshell Community Adjustment Fund	-	\$250,000	\$250,000
Winnipeg River Learning Centre	-	\$2,600	\$2,600
Woodlot Association of Manitoba	-	\$4,400	\$4,400
Zirk Sawmill	-	\$600	\$600
<b>Total</b>	<b>\$694,448</b>	<b>\$1,146,000</b>	<b>\$1,840,448</b>

Table 3 Five Year Projection of Forest Community Program (NRCan-CFS) Funding Expenditures

<b>Theme Area and Project</b>	<b>2007/08 (reconciled)</b>	<b>2008/09 (reconciled)</b>	<b>2009/10 (projected)</b>	<b>2010/11 (projected)</b>	<b>2011/12 (projected)</b>	<b>Total</b>
<b>Administration</b>	\$82,582	\$168,585	\$160,000	\$155,000	\$129,000	\$694,742
<b>Forest Community Engagement</b>	\$15,692	\$51,340	\$30,000	\$31,250	\$37,750	\$142,652
<b>Integrated Landscape Management</b>	\$12,454	\$9,000	\$60,000	\$62,500	\$75,500	\$266,374
<b>Education</b>	\$16,439	\$51,529	\$30,000	\$31,250	\$37,750	\$143,399
<b>International Programs</b>	\$15,093	\$15,000	\$15,000	\$15,000	\$15,000	\$75,093
<b>Communications and Networking</b>	\$29,986	\$30,241	\$30,000	\$30,000	\$30,000	\$149,986
<b>Total</b>	<b>\$172,246</b>	<b>\$325,695</b>	<b>\$325,000</b>	<b>\$325,000</b>	<b>\$325,000</b>	<b>\$1,472,246</b>

Note: 2007/08 and 2008/09 are actual values

## 5.0 Other

### Manitoba Model Forest Office

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### Staff and Theme Area Consultants

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List of Project Contacts

Project Contact	Project Name	Contact Information
Beverly Dube, MBMF	<ul style="list-style-type: none"><li>▪ Salaries</li><li>▪ Support and Services</li><li>▪ Travel</li><li>▪ Board Support</li><li>▪ Community Opportunities Program</li></ul>	(204) 367-5232 (tel) <a href="mailto:bdube@mts.net">bdube@mts.net</a>
Brian Kotak, MBMF	<ul style="list-style-type: none"><li>▪ Forest Community Engagement and Capacity Building Working Group Support</li><li>▪ Watershed Management Tools</li><li>▪ Terrestrial Bio-monitoring</li><li>▪ First Nation Engagement in Western Manitoba</li><li>▪ Integrating Rare Species into Landscape Management Planning</li><li>▪ Landscape Design</li><li>▪ Ethno-tourism (Costa Rica)</li><li>▪ Communications Strategy Implementation</li><li>▪ Communications Support</li></ul>	(204) 367-5232 (tel) (204) 345-4835 (cellular) <a href="mailto:miette@granite.mb.ca">miette@granite.mb.ca</a>
Bob Austman, Education Consultant	<ul style="list-style-type: none"><li>▪ Junior Rangers</li><li>▪ Curriculum</li><li>▪ Education for Sustainable Development</li><li>▪ Alternative Economic Opportunities from the Forest</li></ul>	(204) 268-1140 (tel) (204) 268-0648 (cellular) <a href="mailto:baustman@granite.mb.ca">baustman@granite.mb.ca</a>

Project Contact	Project Name	Contact Information
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Vince Keenan, Tembec	<ul style="list-style-type: none"> <li>▪ Integrated Landscape Management Working Group Support</li> <li>▪ Scenario Planning</li> </ul>	(204) 367-5224 (tel) <a href="mailto:vince.keenan@tembec.com">vince.keenan@tembec.com</a>
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James Ehnes, EcoStem Inc	<ul style="list-style-type: none"> <li>▪ Natural Disturbance Regime</li> </ul>	(204) 772-7204 (tel) <a href="mailto:james.ehnes@ecostem.com">james.ehnes@ecostem.com</a>
Tim Swanson	<ul style="list-style-type: none"> <li>▪ Species of Special Interest</li> <li>▪ Scenario Planning</li> </ul>	(204) 345-1453 (tel) <a href="mailto:tim.swanson@gov.mb.ca">tim.swanson@gov.mb.ca</a>
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Jennifer Lidgett, Tembec	<ul style="list-style-type: none"> <li>▪ Education Working Group Support</li> </ul>	(204) 367-5221 (tel) <a href="mailto:jennifer.lidgett@tembec.com">jennifer.lidgett@tembec.com</a>
Gary Enns, Winnipeg River Learning Centre	<ul style="list-style-type: none"> <li>▪ Winnipeg River Learning Centre</li> </ul>	(204) 882-2236 (tel) <a href="mailto:garryenns@genesisnetworks.ca">garryenns@genesisnetworks.ca</a>
Bob Yatkowsky, Tembec	<ul style="list-style-type: none"> <li>▪ Trapper Involvement</li> </ul>	(204) 367-5225 <a href="mailto:bob.yatkowsky@tembec.com">bob.yatkowsky@tembec.com</a>
Wade Cable, LP	<ul style="list-style-type: none"> <li>▪ First Nation Engagement in Western Manitoba</li> </ul>	(204) 734-4102 (tel) <a href="mailto:wade.cable@lpcorp.com">wade.cable@lpcorp.com</a>
Donna Kopecky, LP	<ul style="list-style-type: none"> <li>▪ Stakeholder-based Watershed Management in Western Manitoba</li> </ul>	(204) 734-4102 (tel) <a href="mailto:donna.kopecky@lpcorp.com">donna.kopecky@lpcorp.com</a>
Stan Kaczanowski	<ul style="list-style-type: none"> <li>▪ Climate Change</li> </ul>	(204) 884-2146 <a href="mailto:stankacz@mts.net">stankacz@mts.net</a>
Kelly Leavesley, Manitoba Conservation	<ul style="list-style-type: none"> <li>▪ Committee for Moose Management</li> </ul>	(204) 345-1427 (tel) <a href="mailto:kelly.leavesley@gov.mb.ca">kelly.leavesley@gov.mb.ca</a>
Ken Fosty, Manitoba Forestry Association	<ul style="list-style-type: none"> <li>▪ Woodlot Education</li> </ul>	(204) 453-3182 (tel) <a href="mailto:kfosty@mts.net">kfosty@mts.net</a>

## List of Manitoba Model Forest Board of Directors

- Assembly of Manitoba Chiefs
- Black River First Nation
- Brokenhead Ojibway Nation
- Community of Bissett
- Community of Manigotagan
- Community of Seymourville
- Hollow Water First Nation
- Local Government District of Pinawa
- Louisiana Pacific
- Manitoba Conservation (Government of Manitoba)
- Manitoba Forestry Association
- Manitoba Metis Federation
- Manitoba Naturalists Society
- Manitoba Trappers Association
- North East Sustainable Development Association
- Rural Municipality of Alexander
- Rural Municipality of Lac du Bonnet
- Rural Municipality of Victoria Beach
- Sagkeeng First Nation
- Tembec
- Tembec Unions
- Time To Respect Earth's Ecosystems (TREE)
- Town of Lac du Bonnet
- University of Manitoba
- University of Winnipeg
- Wassaabiyaa Shining Waters Heritage Region
- Woodlot Association of Manitoba
- Winnipeg River Brokenhead Community Futures Development Corporation