

# **Manitoba Model Forest**

## **2007-08 Work Plan**

**December 27, 2007**

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## 1.0 Introduction

This is the first work plan of the Manitoba Model Forest under the new Forest Communities Program of the Canadian Forest Service. The work plan covers the period from October 1, 2007 to March 31, 2008.

## 2.0 Linkages Between Activities/Projects and Outputs/Outcomes

Each project produces **outputs** (e.g., immediate information, products and services), which lead to **immediate outcomes** (a result from an output or combination of outputs in which the result is immediate and tangible). These immediate outcomes in turn support and give rise to **intermediate outcomes** (a result from a combination of outputs and outcomes, which has an effect on the end user) and finally **long-term outcomes** (a result from a combination of outcomes in which the result has an effect on the goal or vision). Each project may therefore support a number of outcomes

## 3.0 Project Descriptions

The following section describes in detail each of the projects and/or activities that will be undertaken by the MBMF in the 2007-08 program year. For each project, the purpose and a description of the proposed activities are provided, a description of how the project contributes to the objectives of the strategic plan, and a summary of each project budget, contributing partners and the planned 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
Integrated Landscape Management
Education
Forest Community Engagement and Capacity Building
International Programs
Communications and Outreach

<b>Project Title:</b> Staff Salaries and Associated Deductions <b>Project Number:</b> 07-1-01 <b>Theme Area:</b> Management and Administration <b>Project Leader:</b> Beverly Dube, MBMF <b>Project Status:</b> On-going, Year 1 of 5	2007-08
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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.

**Description:** Funding is used to pay the salary, Employment Insurance and Canada Pension Plan obligations of the Executive Assistant, as well as the contract for the General Manager. Job descriptions and working conditions are on file at the offices of the MBMF. Note: Budgeted amounts do not include a Benefits package. Key activities include:

- Oversee efficient day to day operations of the office
- Budgeting and financial management of the MBMF
- Coordination of strategic and project planning and administration
- Development of funding proposals
- Preparation of reports to the Board of Directors and to NRCan-CFS
- Participation in MBMF working group, committee and project meetings
- Promotion, communications and presentations to partners and interested parties
- Networking with the Canadian Model Forest Network, International Model Forest Network and NRCan-CFS

**Budget:**

Funding Partner	Cash	In-kind	Total
NRCan-CFS (core)	\$55,690	-	\$55,690
<b>Total</b>	<b>\$55,690</b>	<b>-</b>	<b>\$55,690</b>

**Outputs:**

- 5 Year Strategic Plan
- Contribution agreement with NRCan-CFS
- Contribution agreements with other partners
- Annual work plan
- Budgets and financial reports
- Funding proposals
- Minutes of Board, Working Group and Project Committee meetings
- Project planning documents
- Governance Policies and Procedures

**Other Project Partners:** None

<b>Project Title:</b> Supplies and Services <b>Project Number:</b> 07-1-02 <b>Theme Area:</b> Management and Administration <b>Project Leader:</b> Beverly Dube, MBMF <b>Project Status:</b> On-going, Year 1 of 5	2007-08
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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

**Description:** Funding is 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 include:

- Purchase/service of computers, printers, photocopier, computer software
- Phone and internet service
- Mail and courier services
- Janitorial service
- Utilities (heat, lighting), office space
- Temporary help services
- Fire and theft insurance, Board of Directors Liability and Accident insurance
- Annual incorporation fee, Chamber of Commerce fee
- Audit and auditor fees

**Budget:**

Funding Partner	Cash	In-kind	Total
NRCan-CFS (core)	\$21,500	-	\$21,500
Tembec	-	\$12,500	\$12,500
<b>Total</b>	<b>\$21,500</b>	<b>\$12,500</b>	<b>\$34,000</b>

**Outputs:**

- Properly functioning MBMF office
- Insurance policies
- Financial audit

**Other Project Partners:** None

<b>Project Title:</b> Travel <b>Project Number:</b> 07-1-04 <b>Theme Area:</b> Management and Administration <b>Project Leader:</b> Beverly Dube, MBMF <b>Project Status:</b> On-going, Year 1 of 5			2007-08
<b>Purpose:</b> To provide for travel to meetings, workshops and conferences relevant to the MBMF program for staff			
<b>Description:</b> Funding is 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. Occasionally staff may travel at the request of the CMFN, NRCan-CFS or the IMFN.			
<b>Budget:</b>			
<b>Funding Partner</b>	<b>Cash</b>	<b>In-kind</b>	<b>Total</b>
NRCan-CFS (core)	\$6,000	-	\$6,000
<b>Total</b>	<b>\$6,000</b>	-	<b>\$6,000</b>
<b>Outputs:</b> <ul style="list-style-type: none"> <li>▪ Attendance/presence at MBMF, CMFN, NRCan-CFS and IMFN meetings, workshops and conferences</li> </ul>			
<b>Other Project Partners:</b> None			

<b>Project Title:</b> Board Support and Travel <b>Project Number:</b> 07-1-06 <b>Theme Area:</b> Management and Administration <b>Project Leader:</b> Beverly Dube, MBMF <b>Project Status:</b> On-going, Year 1 of 5	2007-08
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**Purpose:** To provide for travel and support for Board meetings

**Description:** 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. On average, the Board meets approximately 7 times per year to review progress on programs and projects, review and approve strategic and annual work plans and budgets. Funding in this “project” is used to pay for costs associated with Board meetings. This includes:

- Travel costs (mileage) of Directors to attend Board meetings. Travel rates are set by MBMF policy. Note: some Board members have their travel expenses paid by their sponsoring agencies, and this is considered as an in-kind contribution to the MBMF.
- Costs associated with hosting Board meetings, including meals, room rentals, etc.
- Time spent by Directors at Board meetings is provided as an in-kind contribution to the MBMF.

**Budget:**

<b>Funding Partner</b>	<b>Cash</b>	<b>In-kind</b>	<b>Total</b>
NRCan-CFS (core)	\$7,000	-	\$7,000
Board members (26 organizations)	-	\$32,000	\$32,000
MBMF	\$500	-	\$500
RM of Alexander	\$500	-	\$500
<b>Total</b>	<b>\$8,000</b>	<b>\$32,000</b>	<b>\$40,000</b>

**Outputs:**

- Board meeting minutes
- Approved 5 Year Strategic Plan
- Approved Annual Work Plan
- Approved Annual Budget
- MBMF Policies and Procedures
- Program/Project Planning Documents

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

<b>Project Title:</b> Integrated Landscape Management Working Group Support <b>Project Number:</b> 07-2-23 <b>Theme Area:</b> Integrated Landscape Management <b>Project Leader:</b> Vince Keenan, Tembec Enterprises Inc. <b>Project Status:</b> On-going, Year 1 of 5			2007-08
<b>Purpose:</b> To provide for travel and support for ILM Working Group meetings			
<b>Description:</b> 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. This includes: <ul style="list-style-type: none"> <li>▪ Travel costs (mileage) for some members of the working group. Travel rates are set by MBMF policy. Note: Some members have their travel expenses paid by their sponsoring agencies, and this is considered as an in-kind contribution to the MBMF.</li> <li>▪ Costs associated with hosting Working Group meetings, including meals, room rentals, etc.</li> <li>▪ Time spent by Working Group members at meetings is provided as an in-kind contribution to the MBMF.</li> <li>▪ Occasionally, conference travel may also be covered, generally if the Working Group member will be making a presentation on behalf of the MBMF.</li> </ul>			
<b>Budget:</b>			
<b>Funding Partner</b>	<b>Cash</b>	<b>In-kind</b>	<b>Total</b>
NRCan-CFS (core)	\$2,500	-	\$2,500
Working Group members (13 organizations)	-	\$3,800	\$3,800
<b>Total</b>	<b>\$2,500</b>	<b>\$3,800</b>	<b>\$6,300</b>
<b>Outputs:</b> <ul style="list-style-type: none"> <li>▪ Program/Project Planning Documents</li> <li>▪ Working Group Budgets</li> <li>▪ PowerPoint presentations related to specific projects under the Working Group</li> </ul>			
<b>Other Project Partners:</b> 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, and Ducks Unlimited.			

<b>Project Title:</b> Caribou Management <b>Project Number:</b> 07-2-33 <b>Theme Area:</b> Integrated Landscape Management <b>Project Leader:</b> Dennis Brannen, Manitoba Conservation <b>Project Status:</b> On-going, Year 1 of 5	2007-08
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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.

**Description:** 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 15 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. The overall objectives of the program are:

- To ensure that sufficient supplies of each of the habitats required for caribou survival will be protected and maintained to secure the long-term viability of woodland caribou populations;
- To minimize the direct and indirect impacts of human activity on woodland caribou mortality through the cooperative development of both site-specific and landscape-based management prescriptions;
- To provide information, advice and recommendations for provincial and federal SARA Recovery Strategies, Action Plans and Conservation Strategies;
- To enhance public awareness of woodland caribou and strategies for their conservation;

Activities specific to this year's work plan include:

- Hold regular (usually monthly) meetings of the EMWCAC and its sub-committees (Science & Technology, Education, Data Management)
- Purchase/refurbishment of GPS and VHF collars for monitoring of caribou response to experimental harvest prescriptions
- Deployment of collars on woodland caribou (contract to capture company)
- Regular aerial telemetry flights to collect location data of caribou (in Experimental Harvest Area and in broader region) to better understand landscape/habitat use
- Recruitment survey of woodland caribou in the Owl Lake range
- Multi-species (moose, caribou, wolves, deer, etc.) track survey
- Aerial wolf survey
- Development of draft management strategy for Atiko and Bloodvein woodland caribou ranges
- Data analysis (GPS/VHF data, habitat use, core use areas, etc.)
- Newsletter (Atik News) production

**Budget:**

Funding Partner	Cash	In-kind	Total
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NRCan-CFS (core)	10,000	-	\$10,000
MB Conservation	\$49,300	\$125,500	\$174,800
MB Hydro	\$25,000	\$750	\$25,750
Species Conservation Fund	\$25,000	-	\$25,000
Tembec	\$10,000	\$5,500	\$15,500
First Nation communities	-	\$1,050	\$1,050
Other partners (5 organizations)	-	\$3,450	\$3,450
<b>Total</b>	<b>\$119,300</b>	<b>\$136,250</b>	<b>\$225,550</b>

**Outputs:**

- Meeting minutes, budgets, project presentations
- Synthesis and QA/QC of data
- Database on distribution and population status of various woodland caribou ranges in eastern Manitoba
- Initial assessment of Owl Lake woodland caribou response to timber harvest in Experimental Harvest Area (report to be completed in F2008/09)
- Initial recruitment survey data analysis (report to be completed in F2008/09)
- Initial data synthesis of multi-species and wolf aerial survey flights (reports to be completed in F2008/09)
- Creation of a resource (information) binder for EMWCAC members, containing information necessary to develop draft management strategy for Atiko and Bloodvein woodland caribou ranges
- Creation of draft management strategy for Atiko and Bloodvein woodland caribou ranges
- Develop new issue of Atik News (newsletter)

**Other Project Partners:** Time to Respect Earth's Ecosystems (TREE), University of Winnipeg, Lac du Bonnet Fish & Wildlife Association, Mining Association of Manitoba, Manitoba Highways.

<b>Project Title:</b> Natural Disturbance Regime <b>Project Number:</b> 07-2-49 <b>Theme Area:</b> Integrated Landscape Management <b>Project Leader:</b> Dr. James Ehnes, EcoStem <b>Project Status:</b> Year 1 of 2 (final year to occur in Year 5 of FCP)	2007-08
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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.

**Description:** 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.

The short term effectiveness of the harvest guidelines and the need for further monitoring will be assessed using data collected during the summer of 2007. This will be a major effort similar to what was undertaken in the early years of the project. Project activities in 2007/08 will include

- Re-measuring most of the permanent plots set up to monitor recovery in the harvest trial and wildfire plots
- Biomass & nutrient re-measurements at the wildfire site and the summer 2000 harvest trial area
- Processing field samples and data
- Analyzing all field data collected from 1999 to 2007
- Writing a report that (a) assesses the short-term effectiveness of the timber harvest guidelines, (b) assesses indicators developed and tested to date, and (c) makes recommendations regarding future monitoring

We expect that the project will improve our understanding of ecosystem recovery after wildfire and timber harvesting, improve our ability to implement timber harvest practices that better approximate the effects of natural disturbance, provide some reliable site and stand level indicators of sustainable forest management, contribute to the evolution of provincial policies on forest management and provide valuable information to the East Side Land Use Planning Process.

**Note: the majority of funding for this project was received during the period from April 1 to September 30, 2007 (i.e., before the October 1 start of the FCP program and this 6 month work plan). However, this project and budget has been included in this work plan as many of the activities will occur during the period of the 6 month work plan.**

**Budget:**

<b>Funding Partner</b>	<b>Cash</b>	<b>In-kind</b>	<b>Total</b>
MBMF	\$15,000	-	-
Tembec	\$25,000	\$5,000	\$30,000
Manitoba Conservation	-	\$4,000	\$4,000
Sustainable Development Innovations Fund	\$25,000	-	\$25,000
EcoStem	-	\$15,000	\$15,000
<b>Total</b>	<b>\$65,000</b>	<b>\$24,000</b>	<b>\$89,000</b>

**Outputs:**

- Report on field activities and data

- Final report on the short-term effectiveness of the natural disturbance-based timber harvesting guidelines and Sustainable Forest Management indicators

**Other Project Partners:** None

<b>Project Title:</b> Brokenhead River Water Quality <b>Project Number:</b> 07-2-63 <b>Theme Area:</b> Integrated Landscape Management <b>Project Leader:</b> Brian Kotak, Miette Environmental <b>Project Status:</b> Year 1 of 1	2007-08
<p><b>Purpose:</b> To monitor the current water quality in the Brokenhead River, in collaboration with Brokenhead Ojibway Nation, and to assess the influence of land use (agriculture, forestry, roads) on water quality in the Brokenhead River watershed</p>	
<p><b>Description:</b> Since 2004, the Manitoba Model Forest has conducted research to understand what influences water quality in the boreal forest of eastern Manitoba. Regional stream water and lake water quality studies have combined water quality sampling with GIS-based information to understand the influence of watershed features (watershed size, soil types, forest types), natural disturbance agents (wildfire, beaver activity) and human-caused disturbance (forest harvesting and roads, hydro transmission corridors and to a limited extent, agriculture) on water quality.</p>	
<p>Much interest by stakeholders and First Nations in eastern Manitoba has been shown in these two projects. In particular, First Nations have taken a keen interest in the stream water quality monitoring study, as it has also included training of First Nation youth in water quality sampling. Youth from Black River First Nation have participated in the project. The Manitoba Model Forest has been approached by the Brokenhead Ojibwe First Nation (BOFN) to develop a water quality pilot project on the Brokenhead River, which flows through their traditional lands and community. Training of their youth will also be a component. In addition, several meetings have already occurred with Sunrise School Division and members of the Brokenhead River Restoration Committee (which includes Manitoba Water Stewardship and Fisheries and Oceans Canada, among others) to add additional sites further up in the Brokenhead River watershed, and to also include students from Edward Schreyer School and Springfield Collegiate (part of Sunrise School Division). This forms the basis of our project.</p>	
<p>Ultimately, this project will provide a mechanism for students (and in particular, First Nations) to learn about water quality sampling, riparian assessments, and to perhaps take an active role in the future development of a watershed management plan for the Brokenhead River watershed. Under the new Water Protection Act, which came into force this January, watershed management plans will need to be developed for the major watersheds in Manitoba. Our project will contribute this process by providing a mechanism to add to existing information on water quality in the Brokenhead River and to involve youth.</p>	
<p>Specific activities for 2007/08 include:</p> <ul style="list-style-type: none"> <li>▪ Sample Brokenhead River at 6 locations from near its headwaters in southern Manitoba to near its terminus near Lake Winnipeg</li> <li>▪ Analyze water samples for a variety of water quality parameters</li> <li>▪ Involved and provide water quality monitoring training to youth from Brokenhead Ojibway Nation</li> <li>▪ Provide training and conduct riparian forest health assessments along the Brokenhead River with schools in the Sunrise School Division</li> <li>▪ Hold project meetings with the project partners</li> <li>▪ Development of a project report describing the outcomes of the project</li> <li>▪ Development of a technical report assessing the water quality in the Brokenhead River and relating water quality to land use practices</li> </ul>	
<p><b>Note: the majority of funding for this project was received during the period from April 1 to</b></p>	

**September 30, 2007 (i.e., before the October 1 start of the FCP program and this 6 month work plan). However, this project and budget has been included in this work plan as many of the activities will occur during the period of the 6 month work plan.**

**Budget:**

<b>Funding Partner</b>	<b>Cash</b>	<b>In-kind</b>	<b>Total</b>
Manitoba Water Stewardship	8,200	\$2,000	\$10,200
Brokenhead Ojibway Nation	-	\$800	\$800
DFO	-	\$500	\$500
Brokenhead River Restoration Committee	-	\$1,000	\$1,000
Sunrise School Division	-	\$2,000	\$2,000
Miette Environmental	-	\$11,000	\$11,000
<b>Total</b>	<b>\$8,200</b>	<b>\$17,300</b>	<b>\$25,500</b>

**Outputs:**

- Water quality data for the Brokenhead River
- Direct involvement/training of Brokenhead Ojibway Nation youth in the project
- Direct involvement/training of high school students from Sunrise School Division schools in riparian forest health assessments
- Riparian forest health assessments along the Brokenhead River
- Project partner committee meeting minutes
- Technical report on the influence of land use practices on water quality in the Brokenhead River watershed

**Other Project Partners:** None

<b>Project Title:</b> Watershed Management Tools <b>Project Number:</b> 07-2-66 <b>Theme Area:</b> Integrated Landscape Management <b>Project Leader:</b> Brian Kotak, Miette Environmental <b>Project Status:</b> On-going, Year 1 of 5	2007-08
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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 (that began in Phase III of the Model Forest program) that is developing a baseline of information on stream hydrology (flow) and water quality in the Model Forest, information that is currently lacking. This lack of information hinders our ability to understand the long-term natural variability in these ecosystems, how they respond to short term disturbance events (harvesting, fire) or long term stresses (climate change), and hinders our ability to make forest management decisions in the context of watershed management.

Data collected in the previous 2 years of the project will be combined with data collected in 2007, and simple watershed planning tools will be developed for Tembec. Additionally, key water quality parameters will be suggested as indicators to monitor under the Tembec Criteria and Indicators of SFM. This information will be used as a basis for designing a watershed-scale harvesting experiment to be implemented in the MBMF area in 2008/09.

Specific activities for 2007/08 include:

- Collect water quality and hydrology data once per month from May to August on the O’Hanly, Black, Manigotagan and Wanipigow rivers
- Compile and combine water quality and hydrology data from 2004-2007, as well as data collected from a lake survey conducted in 2004/05
- Conduct statistical analysis to examine the influence of watershed features, climate and disturbance (fire, timber harvesting) on water quality
- Present preliminary results at an international watershed management conference
- Develop watershed management tools for use by Tembec
- Select watersheds for the implementation of a new experimental watershed harvesting experiment

**Note:** the majority of funding for this project was received during the period from April 1 to September 30, 2007 (i.e., before the October 1 start of the FCP program and this 6 month work plan). However, this project and budget has been included in this work plan as many of the activities will occur during the period of the 6 month work plan.

<b>Budget:</b>			
<b>Funding Partner</b>	<b>Cash</b>	<b>In-kind</b>	<b>Total</b>
MBMF	\$20,000	-	\$20,000
Manitoba Conservation	\$25,000	\$500	\$25,500
Tembec	-	\$3,500	\$3,500
University of Manitoba	-	\$250	\$250
Manitoba Water Stewardship	-	\$500	\$500
Miette Environmental	-	\$11,000	\$11,000
<b>Total</b>	<b>\$45,000</b>	<b>\$15,750</b>	<b>\$60,750</b>

**Outputs:**

- Water quality data on a suite of important rivers in eastern Manitoba (data to be provided to MB Water Stewardship)
- Report that assesses the effects of watershed features and disturbance regimes on water quality in eastern Manitoba
- Watershed management planning tools for Tembec
- Identification of watersheds for watershed-scale timber harvesting experiment

**Other Project Partners:** None

<b>Project Title:</b> Terrestrial Biomonitoring <b>Project Number:</b> 07-2-06 <b>Theme Area:</b> Integrated Landscape Management <b>Project Leader:</b> Brian Kotak, Miette Environmental <b>Project Status:</b> On-going, Year 1 of 5	2007-08
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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 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 one school 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). Field trips to locations in the Model Forest area and in Winnipeg allowed students to gain hands on experience in collecting data on climate (air temperature, relative humidity), soils (temperature, pH), vegetation (species composition and abundance of tree, shrub and herb layer, tree growth rates, tree health), and small mammal diversity and abundance. Field trips occurred in May/June and September/October of each year. The participating school divisions provided all necessary bus transportation as an in-kind donation.

In 2007, we will not only continue to establish more study plots in the MBMF area and in Winnipeg using EMAN monitoring protocols, but will also establish plots in the MBMF to specifically examine the long-term ecological consequences of establishing treed riparian buffer strips following timber harvesting operations. While the use of forested buffer strips in forest management is thought to protect aquatic values (water quality, fish and fish habitat) and terrestrial values (riparian habitats), the long-term fate of these “ribbons” of trees along waterways has not been investigated. In addition, we will begin to establish study plots in a new protected area (Bois des Esprit) located in the City of Winnipeg, and will include a new high school partnership with Scolare Leo Remillard.

Specific activities that will occur in 2007 include;

- Establishment of riparian study plots (line transects) in the MBMF and an assessment of forest health and blowdown in forested buffer strips
- Establishment and monitoring of EMAN-type monitoring plots in buffer strips around lakes in the MBMF area
- Establishment of EMAN-type monitoring plots in the Bois des Esprit, in the City of Winnipeg. Completion of the establishment of EMAN-type monitoring plots in the Assiniboine Forest, in the City of Winnipeg
- Providing training on the establishment and monitoring of EMAN-type monitoring plots to employees of the City of Winnipeg, members of the ENGO Save our Seine (which flows through the Bois des Esprit in Winnipeg) and other NGOs
- Involvement of high school students for MBMF region schools (Powerview, Lac du Bonnet, Wanipigow) and one school in Winnipeg (Scolare Leo Remillard) in the establishment and monitoring of study plots

- Analysis of plot data.
- Production of a project report

**Note: the majority of funding for this project was received during the period from April 1 to September 30, 2007 (i.e., before the October 1 start of the FCP program and this 6 month work plan). However, this project and budget has been included in this work plan as many of the activities will occur during the period of the 6 month work plan.**

**Budget:**

<b>Funding Partner</b>	<b>Cash</b>	<b>In-kind</b>	<b>Total</b>
MBMF	\$23,000	-	\$23,000
Manitoba Hydro	\$10,000	\$500	\$10,500
Environment Canada	\$12,000	\$500	\$12,500
Manitoba Conservation	\$25,000	\$500	\$25,500
Tembec	-	\$1,000	\$1,000
Northeast Sustainable Development Assoc	-	\$500	\$500
Sunrise School Division	-	\$1,000	\$1,000
Scolare Leo Remillard	-	\$500	\$500
Frontier School Division	-	\$1,000	
Save Our Seine	-	\$6,000	\$6,000
City of Winnipeg	-	\$6,000	\$6,000
Miette Environmental	-	\$9,000	\$9,000
<b>Total</b>	<b>\$70,000</b>	<b>\$26,500</b>	<b>\$95,500</b>

**Outputs:**

- Establishment of riparian forest long-term EMAN-type monitoring plots and transects
- Report covering the initial evaluation of the effects of isolation of riparian forests following timber harvest, and a baseline assessment of forest health and condition in various areas of the MBMF region and in Winnipeg
- Training program for forest monitoring for NGOs in Winnipeg
- Involvement of 4 schools in forest bio-monitoring

**Other Project Partners:** Lac du Bonnet Senior School, Wanipigow School, Powerview School

<b>Project Title:</b> Species of Special Interest <b>Project Number:</b> 07-2-24 <b>Theme Area:</b> Integrated Landscape Management <b>Project Leader:</b> David Punter, University of Manitoba <b>Project Status:</b> On-going, Year 1 of 5	2007-08
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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. The initial 2007/08 phase of this pilot project will provide funding to meet with/hold workshops with MBMF area 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. In the following year (2008/09), the project will conduct a literature review and develop habitat models that will predict potential locations for the various medicinal plants. Field assessments will be conducted to verify and improve the models. The models will then be used during forest management planning meetings between Tembec and First Nation communities.

Activities specific to the 2007/08 project year will include:

- Workshops/meetings in First Nation communities to identify important plant species, and where they are found in the MBMF area
- Review of the information with each community

<b>Budget:</b>			
<b>Funding Partner</b>	<b>Cash</b>	<b>In-kind</b>	<b>Total</b>
Tembec Enterprises Inc.	5,000	-	\$5,000
<b>Total</b>	<b>\$5,000</b>	-	<b>\$5,000</b>

**Outputs:**

- Workshops in local communities
- List of important medicinal plants used by MBMF First Nation communities and the general habitats that they are found in

**Other Project Partners:** Tembec, Hollow Water First Nation, Black River First Nation, Sagkeeng First Nation, Brokenhead First Nation

<b>Project Title:</b> Education Working Group Support <b>Project Number:</b> 07-4-10 <b>Theme Area:</b> Education <b>Project Leader:</b> Rod Bollman, RM of Victoria Beach, Jennifer Lidgett, Tembec Enterprises Inc. <b>Project Status:</b> On-going, Year 1 of 5			2007-08
<b>Purpose:</b> To provide for travel and support for the Education Working Group meetings			
<b>Description:</b> The Education 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 Education Working Group meetings. This includes: <ul style="list-style-type: none"> <li>▪ Travel costs (mileage) for some members of the working group. Travel rates are set by MBMF policy. Note: Some members have their travel expenses paid by their sponsoring agencies, and this is considered as an in-kind contribution to the MBMF.</li> <li>▪ Costs associated with hosting Working Group meetings, including meals, room rentals, etc.</li> <li>▪ Time spent by Working Group members at meetings is provided as an in-kind contribution to the MBMF.</li> <li>▪ Occasionally, conference travel may also be covered, generally if the Working Group member will be making a presentation on behalf of the MBMF.</li> </ul>			
<b>Budget:</b>			
<b>Funding Partner</b>	<b>Cash</b>	<b>In-kind</b>	<b>Total</b>
NRCan-CFS (core)	\$1,500	-	\$1,500
Working Group members (15 organizations)	-	\$8,700	\$8,700
<b>Total</b>	<b>\$1,500</b>	<b>\$8,700</b>	<b>\$10,200</b>
<b>Outputs:</b> <ul style="list-style-type: none"> <li>▪ Program/Project Planning Documents</li> <li>▪ Working Group Budgets</li> <li>▪ PowerPoint presentations related to specific projects under the Working Group</li> </ul>			
<b>Other Project Partners:</b> Working Group members, representing 15 organizations. These include Brokenhead Ojibway Nation, MB Conservation, Tembec, Woodlot Association of Manitoba, Manitoba Forestry Association, Northeast Sustainable Development Association, RM of Victoria Beach, Manitoba Trapper's Association, Black River First Nation, Hollow Water First Nation, Sagkeeng First Nation, Winnipeg River Learning Centre, MB Hydro, Manitoba Metis Association, and Louisiana Pacific.			

<b>Project Title:</b> Winnipeg River Learning Centre <b>Project Number:</b> 07-4-07 <b>Theme Area:</b> Education <b>Project Leader:</b> Gary Enns, Manager of Winnipeg River Learning Centre. <b>Project Status:</b> On-going, Year 1 of 5	2007-08
<p><b>Purpose:</b> To support the start up and program development of the Winnipeg River Learning Centre</p> <p><b>Description:</b> 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 (an 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 this year, 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. As of August this year, the WRLC has the use of three fully furnished classrooms, an office and a staff room. As WRLC programs grow, so will the space used by WRLC.</p> <p>The WRRRT feasibility studies, and the MBMF start-up funding, have begun to generate interest in the potential and in the opportunities possible through adult training and education in the Winnipeg River region. The surveys clearly identified the interest and the need for post-secondary training and education within the region; identified the training needs and interests of adults, especially in First Nations Communities; and determined the support of industry and business in the region. The WRLC will be able to provide training programs that address diversification needs relevant to the region, as well as a training facility that is located close to the communities in the region. This latter point is an important aspect of the initiative, as many First Nation community members can not access training centers located in urban area (e.g., in the City of Winnipeg).</p> <p>Specific activities for 2007/08 include:</p> <ul style="list-style-type: none"> <li>▪ Identify potential partnerships and begin building on-going working relationships (including with Winnipeg River Community Futures, North Eastman Regional Health Authority, Sunrise School Division, J.U.S.T. Training, Empower Training, Red River College, Assiniboine Community College, etc.)</li> <li>▪ Develop fund-raising proposals and presentations</li> <li>▪ Public relations, promotions, consultations, and presentations</li> <li>▪ Establish a Winnipeg River Learning Centre Advisory Board</li> <li>▪ Plan winter programming (to begin in January/February) in collaboration with Red River College and other training agencies. The RRC Para-Educator program is scheduled to begin on January 21<sup>st</sup>, along with a part-time program. RRC Health Care Aide Program is planned to start on February 4<sup>th</sup>, 2008.</li> <li>▪ Identify and plan pre-employment training workshops in collaboration with RRC and with Manitoba Hydro</li> <li>▪ Develop marketing and promotional strategies and materials to recruit students</li> <li>▪ Begin development of short and long-term plans - e.g. planning for an Electrician Certificate Program with fall 2008 start date</li> <li>▪ Plan Open House and information sessions (once winter programs confirmed) for early</li> </ul>	

- Develop summer and fall 2008 programming, with hopes of putting in place the Electrician Certificate program.

**Budget:**

<b>Funding Partner</b>	<b>Cash</b>	<b>In-kind</b>	<b>Total</b>
Manitoba Hydro	\$25,000	\$2,000	\$27,000
Other partners listed below	-	\$100,000	\$100,000
<b>Total</b>	<b>\$25,000</b>	<b>\$102,000</b>	<b>\$127,000</b>

**Outputs:**

- New partnerships for the initiative
- Funding proposals
- Promotional materials
- Establishment of a Winnipeg River Learning Centre Advisory Board
- Implementation of the Para-Educator program and Health Care Aide program
- Pre-employment training workshops
- Draft long-term program plan

**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> 07-4-08 <b>Theme Area:</b> Education <b>Project Leader:</b> Bob Austman, Education Coordinator Consultant <b>Project Status:</b> On-going, Year 1 of 5	2007-08
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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

**Description:** A Junior Ranger program has been offered twice in the MBMF area over the last decade. The program offered training opportunities for students in many facets of natural resource management. However, no central agency was responsible for the program, and as a result, there has been several years in which the program has not been offered. The MBMF will act as the manager for this important training program and will implement the Junior Ranger program in 2008 in eastern Manitoba. In future years, we will examine the possibility of expanding the program to other parts of the province.

The Junior Rangers program will allow students to obtain provincial certificates in a number of areas related to natural resource management, including chainsaw safety, first aid and CPR, boating and ATV safety, fire fighting, trapping, hunter safety, forestry surveying, etc. In addition, other non-certified training will occur on orienteering (compass, GPS) and First Nation traditional values and culture. We will be running two-3 week field programs in the summer of 2008 (with 14 students in each program) at the Wallace Lake camp. The experience offered by the program to MBMF area students will act as a catalyst for students to further their education in natural resource management and sustainable development, and will provide a source of employees to local area businesses (MB Hydro, Tembec, mining exploration companies, etc) that have completed accredited training programs.

Specific activities for 2007/08 will focus on planning the summer 2008 field program, and will include:

- Complete upgrades to Wallace Lake camp
- Completion of program planning for the Summer 2008 Junior Rangers program
- Identification of training delivery groups/individuals and establishing the exact program schedule
- Creation of a program evaluation framework (to assess success of the 2008 program, both from the trainers and students perspectives)
- Meetings with MBMF area First Nation schools and communities regarding the up-coming program. Meeting with MBMF non-First Nation schools and communities
- Advertisement of the program in the communities
- Working with the communities to identify candidate students
- Advertising camp positions (camp foreman, cooks, etc) and initiating the hiring process
- Securing funding required to offer the Junior Rangers program in 2008

The above activities will be completed by a combination of volunteers who sit on the MBMF Junior Rangers program committee, as well as the contracted services of an Educational Consultant and Community Engagement Consultant.

**Budget:**

Funding Partner	Cash	In-kind	Total
NRCan-CFS (core)	\$5,000	-	\$5,000

Manitoba Hydro	\$2,500	\$1,000	\$3,500
Tembec Enterprises Inc	\$2,500	\$2,000	\$2,000
Louisiana-Pacific	\$7,500	\$500	\$8,000
RM of Victoria Beach	-	\$1,000	\$1,000
Manitoba Trapper's Association	-	\$1,000	\$1,000
Black River First Nation	-	\$1,000	\$1,000
Hollow Water First Nation	-	\$1,000	\$1,000
Brokenhead Ojibway Nation	-	\$1,000	\$1,000
Sagkeeng First Nation	-	\$1,000	\$1,000
<b>Total</b>	<b>\$17,500</b>	<b>\$9,500</b>	<b>\$27,000</b>
<b>Outputs:</b>			
<ul style="list-style-type: none"> <li>▪ Upgrades to Wallace Lake camp</li> <li>▪ Program planning meetings and meeting minutes, including meetings with individual communities</li> <li>▪ 2008 summer program document</li> <li>▪ Program evaluation document</li> <li>▪ Advertising of the program in local communities</li> </ul>			
<b>Other Project Partners:</b> None			

<b>Project Title:</b> Provincial Natural Resource Management Curricula <b>Project Number:</b> 07-4-14 <b>Theme Area:</b> Education <b>Project Leader:</b> Bob Austman, Education Coordinator Consultant <b>Project Status:</b> On-going, Year 1 of 5	2007-08
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**Purpose:** To develop provincially-accredited curricula on subjects related to boreal forest ecosystems and natural resource management

**Description:** In Phase III of the Model Forest Program, the MBMF developed two provincially-accredited textbook supplements on Sustainable Forest Ecosystems, one for Grade 7 Curriculum and one for Grade 10 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 also one of the most frequently downloaded MBMF publications. Also in Phase III, the MBMF developed a curricula on Woodland Caribou which has now been piloted in several schools in Manitoba, and training has been offered to all Manitoba teachers through the Province’s annual Special Area Groups (SAG) conferences. In 2007/08, we will begin to work on the development of natural resource-based curricula targeted at early years schools. We will also begin working with Student Teachers in their final year in the Faculty of Education in order to distribute our educational materials to them, and assist them with their implementation as they begin their teaching career. Our goal is to give these beginning teachers some field exposure to sustainable forest management, such as tours of biomonitoring sites and forest regeneration sites.

Specific activities for 2007/08 will include:

- an assessment of Early Years Science Curriculum to determine the “best fit” for our educational materials
- Develop age appropriate educational materials which teach students about forest health, forest management, and forest renewal
- Working with future Science Teachers within Faculties of Education in our two largest Universities to develop an awareness of the sustainability of our forest resources, as well the role of science in their management (GIS technology, improved pest control, monitoring programs, etc)
- Undertaking a field tour for urban based teachers with little or no experience in Forest Management to demonstrate forest operations in harvest, renewal, and forest protection (Fire Management, Pest Management)
- Creation an educational package for teachers which will highlight the success of forest research programs and projects across the Model Forest Network, and the importance of a multi-stakeholder approach in resource management

**Budget:**

Funding Partner	Cash	In-kind	Total
NRCan-CFS (core)	\$5,000	-	\$5,000
Manitoba Hydro	\$10,000	\$1,000	
Louisiana Pacific	\$5,000	\$1,000	
Manitoba Education, Citizenship, and Youth		\$1,000	
Tembec Enterprises Inc		\$1,000	
Science Teacher’s Association of Manitoba		\$1,000	
University of Manitoba		\$1,000	

University of Winnipeg		\$1,000	
<b>Total</b>	<b>\$20,000</b>	<b>\$7,000</b>	
<b>Outputs:</b>			
<ul style="list-style-type: none"> <li>▪ Draft curriculum supplement for Early Years Science</li> <li>▪ Workshop presentations to students in Faculty of Education from both major Universities</li> <li>▪ Draft field tour for beginning teachers to create awareness of the role of science in forest management</li> <li>▪ Educational resource package to highlight innovative, science based research projects within the Manitoba Model Forest which contribute to better forest management (i.e. biomonitoring, stream monitoring, Woodland Caribou Research )</li> </ul>			
<b>Other Project Partners:</b> None			

<b>Project Title:</b> Woodlot Education <b>Project Number:</b> 07-4-09 <b>Theme Area:</b> Education <b>Project Leader:</b> Ken Fosty <b>Project Status:</b> On-going, Year 1 of 5	2007-08
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**Purpose:** To improve environmental sustainability of private woodlots by providing educational programming to woodlot owners

**Description:** During Phase III of the Model Forest Program, the MBMF partnered with the Manitoba Forestry Association 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. In the first six months of the new Forest Communities Program, we will focus on planning our activities for the next five years, and will also undertake a tree planting workshop.

Specific activities for 2007/08 will include:

- Organizing and implementing an indoor/outdoor hands on proper tree planting workshop. This workshop will teach landowners and woodlot owners proper planting techniques, seedling sources, common planting errors, proper transplanting/timing, site preparation, and vegetation management.
- This workshop will focus on planting techniques both in natural woodlot or forested areas as well as a yardsite/landscape setting.
- Planting strategies will address riparian zones, shelterbelts, livestock (agroforestry), farmyard, wildlife, and landscape planting
- Participants will learn proper handling, transportation, and storage of seedlings
- This workshop will have an indoor/outdoor component
- Participants will learn how to properly plant containerized stock, bare root stock, cuttings, and transplants

**Budget:**

<b>Funding Partner</b>	<b>Cash</b>	<b>In-kind</b>	<b>Total</b>
NRCan-CFS (core)	\$2,500	-	\$2,500
Manitoba Forestry Association – Woodlot Program		\$1,000	\$1,000
Manitoba Christmas Tree Grower’s Association		\$300	\$300
Woodlot Association of Manitoba		\$500	\$500
Manitoba Conservation – Forestry Branch		\$250	\$250
SDIF			
Manitoba Model Forest		\$750	\$750
Cook’s Creek Cons District		\$500	\$500
<b>Total</b>	<b>\$2500</b>	<b>\$3,300</b>	<b>\$5800.00</b>

**Outputs:**

- Regional Workshop involving local woodlot owners/farmers/landowners

- Handout information on tree planting, tree diseases, tree maintenance
- Participants will be given the opportunity to receive a personalized on site visit to their property with the MFA's Woodlot Program Extension Officer. This on site visit will then lead to a personalized Woodlot Management Plan for the landowner
- Media coverage in local newspaper
- Final Report on the day

**Other Project Partners:** None

<b>Project Title:</b> Education for Sustainable Development <b>Project Number:</b> 07-4-13 <b>Theme Area:</b> Education <b>Project Leader:</b> Bob Austman, Education Coordinator Consultant <b>Project Status:</b> On-going, Year 1 of 5	2007-08
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**Purpose:**

**Description:** 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.

Specific activities for 2007/08 will include:

- Planning for the Envirothon program (to be hosted in Pinawa – a MBMF community, in the spring of 2008). The MBMF Education Coordinator is on the planning committee
- Planning for the 2008 Forest Ed program (a field training session for high school teachers which provides teachers with hands-on experience in boreal forest ecology and management. Ideas learned from the training session can then be taken back to the school and used in the classroom)
- Planning for the 2008 Youth Symposium (field day in which 100-150 students from the region explore aspects of the boreal forest with skilled guides provided from our partnering organizations)
- Presentations to schools, universities and the general public about the MBMF, its programs and sustainable development
- Conducting a one-day training workshop for high school teachers on caribou ecology and management at the province-wide Special Area Group conference (a series of one-day workshops facilitated by MB Education and Training, for all teachers in the province)
- Presentation of MBMF programs, and the new MBMF woodland caribou curriculum at the Forest Ed West conference in Penticton
- Conducting forest tours

**Budget:**

<b>Funding Partner</b>	<b>Cash</b>	<b>In-kind</b>	<b>Total</b>
NRCan-CFS (core)	\$2,500	-	\$2,500
Manitoba Hydro	\$15,000	\$2,000	\$17,000
Tembec	-	\$5,000	\$5,000
Manitoba Forestry Association	-	\$5,000	\$5,000
Woodlot Association of Manitoba	-	\$1,000	\$1,000
Northeast Sustainable Development Assoc	-	\$1,000	\$1,000
Manitoba Trapper's Association	-	\$1,000	\$1,000
<b>Total</b>	<b>\$17,500</b>	<b>\$15,000</b>	<b>\$33,500</b>

**Outputs:**

- Completion of programming for 2008 Envirothon, Forest Ed and Forest Youth Symposium initiatives

- Presentations on MBMF projects and initiatives to MBMF region schools
- Caribou curriculum training workshop at provincial Special Area Groups (SAG) teacher conference
- Presentation of caribou curriculum at Forest Ed West conference
- Forest tours for schools

**Other Project Partners:** None

<b>Project Title:</b> Forest Community Engagement and Capacity Building Working Group Support <b>Project Number:</b> 07-5-01 <b>Theme Area:</b> Forest Community Engagement and Capacity Building <b>Project Leader:</b> Bob Yatkowsky, Tembec and Stan Kaczanowski, Manitoba Conservation <b>Project Status:</b> On-going, Year 1 of 5			2007-08
<b>Purpose:</b> To provide for travel and support for the Working Group meetings			
<b>Description:</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. Funding is used to pay for costs associated with Working Group meetings. This includes: <ul style="list-style-type: none"> <li>▪ Travel costs (mileage) for some members of the working group. Travel rates are set by MBMF policy. Note: Some members have their travel expenses paid by their sponsoring agencies, and this is considered as an in-kind contribution to the MBMF.</li> <li>▪ Costs associated with hosting Working Group meetings, including meals, room rentals, etc.</li> <li>▪ Time spent by Working Group members at meetings is provided as an in-kind contribution to the MBMF.</li> <li>▪ Occasionally, conference travel may also be covered, generally if the Working Group member will be making a presentation on behalf of the MBMF.</li> </ul>			
<b>Budget:</b>			
<b>Funding Partner</b>	<b>Cash</b>	<b>In-kind</b>	<b>Total</b>
NRCan-CFS (core)	\$2,500	-	\$2,500
Working Group members (13 organizations)	-	\$11,000	\$11,000
<b>Total</b>	<b>\$2,500</b>	<b>\$11,000</b>	<b>\$13,500</b>
<b>Outputs:</b> <ul style="list-style-type: none"> <li>▪ Program/Project Planning Documents</li> <li>▪ Working Group Budgets</li> <li>▪ PowerPoint presentations related to specific projects under the Working Group</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> Committee for Cooperative Moose Management <b>Project Number:</b> 07-5-13 <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 1 of 5	2007-08
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**Purpose:** To provide support for the Committee for Moose Management (a committee of the MBMF) 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.

**Description:** In place and supported by the MBMF since 1992 the Committee for Moose Management (CMM) provides local stakeholders and First Nations people in the MBMF area with an opportunity to meet to address moose management issues, undertake research, address operational issues and develop/direct recommendations to the forest industry and the Manitoba government based on these activities. The Committee for Moose Management participates in the monitoring of moose populations, the collecting of harvest data and populations, educating people about the spiritual value of moose (TEK), and condition of the moose habitat in the MBMF area. The CMM plays a major role in the establishment and development of road and access management plans and the publishing of a newsletter for others on its activities. In 2003/04 the CMM began work on a consultation process to explain, define and receive input into the development of a managed hunting pilot program for GHA (Game Hunting Area) 26 and/or GHA 17A.

Since 2003, the Managed Moose Hunting concept (moose co-management with First Nations) has been discussed by the Committee and FN communities. Black River FN and Hollow Water FN have endorsed the idea to continue consultations in their communities and received INAC funding in 2006 to initiate this process. In order to proceed further with the co-management model, the CMM felt that an accurate population estimate for the region was needed. Consequently, aerial moose population surveys were conducted for GHA 26 (in 2006) and GHA 17A (in 2007).

Specific activities for the 2007/08 work plan include:

- Continued meetings of the CMM and First Nation communities to explore options for the co-management model, as well as other management issues (road and hunting closures, etc.)
- Synthesis and analysis of historical and current moose survey data to determine population trends and the current status of the GHA 26 and 17A moose populations;
- Presentation of the moose survey results to the CMM
- Aerial surveys to obtain total counts/age:sex ratios of moose in key management areas within GHAs 26 and 17A (Former Happy Lake “closed” area; Chief George Barker Cooperative Wildlife Area, etc.);
- Potentially, placement of radio collars on several moose within a key management area (former Happy Lake “closed” area) and subsequent tracking tracking of these individuals;
- Collection of moose distribution data via surveys conducted through the woodland caribou project;

**Budget:**

<b>Funding Partner</b>	<b>Cash</b>	<b>In-kind</b>	<b>Total</b>
NRCan-CFS (core)	\$2,310	-	\$2,310
Manitoba Hydro	\$5,000	\$1,000	\$6,000
Tembec Enterprises Inc	-	\$2,000	\$2,000
Manitoba Conservation	-	\$10,000	\$10,000
Brokenhead Ojibway Nation		\$1,000	\$1,000

Manitoba Metis Federation	-	\$1,000	\$1,000
Manitoba Trapper's Association	-	\$1,000	\$1,000
Black River First Nation	-	\$1,000	\$1,000
Hollow Water First Nation	-	\$1,000	\$1,000
Lac du Bonnet Fish & Wildlife Assoc	-	\$1,000	\$1,000
Pinawa Wildlife Assoc	-	\$1,000	\$1,000
St. Joe's Wildlife Assoc	-	\$1,000	\$1,000
Manitoba Archers and Bow Hunters Assoc	-	\$1,000	
<b>Total</b>	<b>\$7,310</b>	<b>\$22,000</b>	<b>\$29,310</b>
<b>Outputs:</b>			
<ul style="list-style-type: none"> <li>▪ CMM meeting minutes</li> <li>▪ Planning documents re: moose co-management concept</li> <li>▪ Moose population survey report</li> </ul>			
<b>Other Project Partners:</b> None			

<b>Project Title:</b> Program Initiation in Western Manitoba <b>Project Number:</b> 07-5-14 <b>Theme Area:</b> Forest Community Engagement and Capacity Building <b>Project Leader:</b> Brian Kotak, MBMF and Barry Waito, Louisiana Pacific <b>Project Status:</b> On-going, Year 1 of 5			2007-08
<b>Purpose:</b> To provide support to the development of a MBMF “satellite” project area in western Manitoba			
<b>Description:</b> 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 addition, we are committed to establishing partnerships with First Nation communities in western Manitoba, in order to export “the Model Forest” model for partnership building. At this point in time, there is no preconceived ideas of what our program will look like in western Manitoba, and who all of the partners will be. During 2007/08, we will explore possible options with LP and its surrounding First Nation communities.			
Specific activities for 2007/08 will include: <ul style="list-style-type: none"> <li>▪ Meetings with LP to identify their research and partnership-building priorities</li> <li>▪ Meetings with western Manitoba First Nation communities to assess their priorities and level of desire to engage in the “Model Forest” model of partnership building</li> <li>▪ Creation of a strategic plan for projects and activities in western Manitoba based on the above considerations</li> </ul>			
<b>Budget:</b>			
<b>Funding Partner</b>	<b>Cash</b>	<b>In-kind</b>	<b>Total</b>
Louisiana Pacific	\$12,500	\$5,000	\$17,500
MBMF Executive Committee	-	\$10,000	\$10,000
Western MB First Nation communities	-	\$5,000	\$5,000
<b>Total</b>	<b>\$12,500</b>	<b>\$20,000</b>	<b>\$32,500</b>
<b>Outputs:</b> <ul style="list-style-type: none"> <li>▪ Meetings and meeting minutes with Louisiana Pacific to identify their program needs in western Manitoba</li> <li>▪ Meetings and meeting minutes with First Nation communities in western Manitoba, regarding future MBMF programming in western Manitoba</li> <li>▪ Western Manitoba program strategic plan</li> </ul>			
<b>Other Project Partners:</b> Potential western Manitoba First Nation communities include: Ebb and Flow First Nation, Tootinawazibeeng First Nation, Waywayseecappo First Nation, Wuskwi Sipiik 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> 07-5-14 <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 1 of 5	2007-08
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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.

**Description:** 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 operated 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. The existence of TACCs has been seen as a great benefit both to the communities and the industries that wish to communicate with them. The TAACs provide an effective conduit of communication for resource industries and First Nation communities. At present, a TAAC is well established in Hollow Water First Nation and one is being initiated at Black River First Nation. Funding being requested by project partners for the period of October 2007 to March 2008 will be used to support the Hollow Water and Black River First Nation TAACs, and to develop TAACs in the communities of Sagkeeng First Nation and Brokenhead First Nation.

Specific activities for the 2007/08 work plan include:

- Regular meetings of the Hollow Water First Nation TACC
- Start-up of the Black River First Nation TAAC
- Meetings with Chief and Council (and others) from Sagkeeng First Nation and Brokenhead Ojibway Nation to initiate TAACs in their communities.

Funding for this project covers the costs of meetings (meeting room rentals, meals, mileage, honoraria for Elders) and provides for contracted services of a First Nation Community Engagement Consultant.

**Budget:**

<b>Funding Partner</b>	<b>Cash</b>	<b>In-kind</b>	<b>Total</b>
NRCan-CFS (core funding)	\$5,000	-	\$5,000
Manitoba Hydro	\$5,000	-	\$5,000
Tembec Enterprises Inc	\$5,000	\$5,000	\$10,000
MBMF area First Nations	\$10,000	\$10,000	\$20,000
MB Conservation	-	\$2,000	\$2,000
<b>Total</b>	<b>\$25,000</b>	<b>\$17,000</b>	<b>\$42,000</b>

**Outputs:**

- Meetings and meeting minutes associated with the Hollow Water First Nation TAAC
- Initiation of the Black River First Nation TAAC
- Meetings and discussions with Brokenhead Ojibway Nation and Sagkeeng First Nation regarding establishment of TAACs
- 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.

**Other Project Partners:** None

<b>Project Title:</b> First Nation Land Use Planning <b>Project Number:</b> 07-5-15 <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 1 of 5	2007-08
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**Purpose:** To support the development and continual improvement to MBMF area First Nation land use plans

**Description:** 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. The MBMF will provide assistance to First Nation communities to develop traditional land use plans or to implement and use existing plans. This 6 month work plan will focus on planning: meeting with communities to identify their land use planning needs.

Specific activities in the 2007/08 work plan includes:

- Meetings with Brokenhead Ojibway Nation to evaluate land use planning needs for their community
- Meetings with Hollow Water and Black River First Nations to assess the use of their current land use plans, and determine their future requirements

**Budget:**

Funding Partner	Cash	In-kind	Total
MBMF area First Nations	\$5,000	\$5,000	\$10,000
<b>Total</b>	<b>\$5,000</b>	<b>\$5,000</b>	<b>\$10,000</b>

**Outputs:**

- Meetings and meeting minutes associated with the Hollow Water First Nation and Black River First Nation land use plan
- Meetings and meeting minutes associated with the development of the Brokenhead Ojibway Nation land use plan

**Other Project Partners:** None

<b>Project Title:</b> Trapper Involvement <b>Project Number:</b> 07-5-10 <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 1 of 5	2007-08
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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.

**Description:** 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 trappers 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 and will be printed very soon.

Specific activities for the 2007/08 work plan include:

- Printing of the BMP manual. Creation of a digital (pdf) copy for inclusion on the MBMF website
- Meetings in local communities to “roll out” the manual

**Budget:**

Funding Partner	Cash	In-kind	Total
Tembec Enterprises Inc	\$2,500	\$5,000	\$7,500
Manitoba Trapper’s Association	-	\$10,000	\$10,000
Manitoba Conservation	-	\$2,000	\$2,000
Tolko Industries	-	\$2,000	\$2,000
Louisiana Pacific	-	\$2,000	\$2,000
Sagkeeng First Nation	-	\$2,000	\$2,000
Hollow Water First Nation	-	\$2,000	\$2,000
Black River First Nation	-	\$2,000	\$2,000
Brokenhead Ojibway Nation	-	\$2,000	\$2,000
Fur Institute of Canada	-	\$2,000	\$2,000
Manitoba Hydro	-	\$2,000	\$2,000
<b>Total</b>	<b>\$2,500</b>	<b>\$33,000</b>	<b>\$35,500</b>

**Outputs:**

- Trapper BMP manual
- Awareness in communities about the BMP manual
- Meetings between industry and communities to discuss implementation of the manual

**Other Project Partners:** None

<b>Project Title:</b> Non-Timber Forest Products (NTFPs) <b>Project Number:</b> 07-5-10 <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 1 of 5	2007-08
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**Purpose:** To explore opportunities for alternative economic development in the MBMF area based on Non-Timber Forest Products

**Description:** 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. **Over the course of the 5 year FCP**, the MBMF will conduct an initial exploratory survey of what NTFPs are being produced in Canada by reviewing information from the Northern Forest Diversification Centre (The Pas, Manitoba), the Centre for Non-Timber Resources and the associated Canadian Non-Timber Forest Products Network, based out of Royal Roads University (Victoria, BC) and other Canadian Model Forest Network sites which have historically worked on NTFPs. Working closely with these organizations, the MBMF will host workshops in communities and with woodlot owners within the MBMF area to highlight key areas of NTFP opportunities. An inventory of what NTFPs are found in the MBMF will be developed, along with a community-based skills assessment. Courses and/or workshops will be developed around NTFPs and implemented through the new Regional Trade School. We will work closely with the Northern Forest Diversification Centre on curriculum development, or use their existing curricula as appropriate. The Northern Forest Diversification Centre employs a full-time marketing manager and has over 350 NTFP harvesters in 25 northern Manitoba communities, and thus provides a valuable resource to the MBMF. The MBMF will also assist communities in developing NTFP feasibility studies, conducting research on the distribution of certain NTFPs of interest, understanding the sustainable harvest levels of certain NTFPs and integrating NTFP harvesting with other forest-dependent industries (e.g., working with the forest industry to provide access to newly logged sites, adjacent old growth sites, etc). Special emphasis will be placed on bringing together Elders and youth from First Nation communities. Based on interest from communities, our Community Opportunities Program may be structured around NTFP proposals for one or more years. In addition to work on NTFPs in the MBMF area, we will also work with our international Model Forest partners (Mariposa Monarca Model Forest in Mexico, Reventazon Model Forest in Costa Rica, Chiloe Model Forest in Chile) on development of NTFP opportunities and opportunities for cross marketing.

Activities specific to the 2007/08 work plan include:

- Conducting an initial assessment of what NTFPs are being produced in Manitoba, as well as in Canada (including marketing)
- Review of past Canadian Model Forest Network projects on NTFPs
- Hosting of 2 community workshops in the MBMF area on NTFP opportunities, with the inclusion of experts from outside our region and province
- Development and delivery of a community survey to gauge interest in NTFP opportunities in the MBMF area
- Compilation of the community survey results and production of a NTFP opportunities documents for the MBMF area

<b>Budget:</b>			
<b>Funding Partner</b>	<b>Cash</b>	<b>In-kind</b>	<b>Total</b>
NRCan-CFS (core funding)	\$1,000	-	\$1,000

Manitoba Hydro	\$5,000	-	\$5,000
MBMF area communities	\$2,500	\$10,000	\$12,500
MBMF	\$1,500	\$2,000	\$3,500
<b>Total</b>	<b>\$10,000</b>	<b>\$12,000</b>	<b>\$22,000</b>
<b>Outputs:</b>			
<ul style="list-style-type: none"> <li>▪ Report providing an assessment of current NTFP enterprises in Canada (with an emphasis on boreal forest-based enterprises)</li> <li>▪ Community workshops to explore NTFP opportunities</li> <li>▪ Community survey on NTFP opportunities</li> </ul>			
<b>Other Project Partners:</b> Town of Powerview-Pine Falls, Town of Lac du Bonnet, Town of Pinawa, Community of Bisset, Community of Seymourville, Community of Manigotagan, RM of Alexander, RM of Lac du Bonnet, Brokenhead Ojibway Nation, Sagkeeng First Nation, Black River First Nation, Hollow Water First Nation			

<b>Project Title:</b> Development of Indigenous Ethno-tourism enterprises in Costa Rica <b>Project Number:</b> 07-6-01 <b>Theme Area:</b> International Programs <b>Project Leader:</b> Brian Kotak, General Manager of MBMF <b>Project Status:</b> On-going, Year 1 of 5	2007-08
<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	
<b>Description:</b> During the last 12 months, Brokenhead Ojibway Nation 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 earlier 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, we have submitted a full proposal 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 abuts up against 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>Specific objectives of the project include: 1) To enhance eco-tourism development in the Nairi Awari communities from the perspective of their traditional knowledge, utilizing information relevant to their territories, ecosystems and culture and address organizational and technical capacity gaps; 2) To develop a comprehensive eco-tourism management plan for the Nairi Awari communities in order to expand and diversify the local economy and make contributions to community social development; 3) To address specific community needs related to capacity, infrastructure and technology that will have a bearing on the successful development of the eco-tourism project; 4) To ensure project sustainability by providing Cabecar youth and women with opportunities to learn and develop new skills so that they will be able to provide future project leadership; and 5) To forge partnerships with the Brokenhead Ojibway Nation and the Manitoba Model Forest that includes learning from each other, technology transfer and indigenous youth exchanges.</p>	
<p>Pending approval of the CIDA proposal (a decision is expected in January, 2008), we will undertake the following activities:</p> <ul style="list-style-type: none"> <li>▪ Development of a project management and implementation plan, including development of project success indicators</li> <li>▪ Site visit of MBMF personnel and Brokenhead Ojibway representatives to the Nairi Awari communities in Costa Rica. Community consultations in preparation of project initiation.</li> <li>▪ Assist in the purchase of supplies for, and the construction of, riverside cabins and a cultural centre, upgrades to hiking trails, solar power, waste water treatment, drinking water purification, cell phone and satellite internet tower</li> <li>▪ Initiation of a process to develop a Eco-tourism management plan for the entire Nairi Awari</li> </ul>	

community reserve area

- Completion of planning phase for eco-tourism training programs for the Nairi Awari community members (training will include tourism/hospitality, first aid, nature guiding, small business administration, gender equity, handicraft production, and basic English).

**Budget:**

<b>Funding Partner</b>	<b>Cash</b>	<b>In-kind</b>	<b>Total</b>
NRCan-CFS (core funding)	\$15,000	-	\$15,000
MBMF	-	\$5,000	\$5,000
Brokenhead Ojibway Nation	-	\$10,000	\$10,000
Costa Rican partners (see list below)	-	\$15,000	\$15,000
<b>Total</b>	<b>\$15,000</b>	<b>\$30,000</b>	<b>\$45,000</b>

**Outputs:**

- Project management and implementation plan
- Community meetings to initiate the project
- Implementation of community infrastructure upgrades, including riverside cabins and cultural centre, upgrades to hiking trails, installation of solar power, waste water treatment, drinking water treatment, cell phone and internet service
- Completion of community training program

**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> 07-6-01 <b>Theme Area:</b> Communications and Outreach <b>Project Leader:</b> Brian Kotak, General Manager of MBMF <b>Project Status:</b> On-going, Year 1 of 5	2007-08
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**Purpose:** To provide support for the implementation of the MBMF communications strategy

**Description:** 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 is 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.

The objectives of our communications, outreach and networking strategy are:

- To advance the level of understanding and awareness of individuals, organizations, communities, industries and governments with respect to Boreal forest ecosystems and the diverse values of such forests, as well as the activities, achievements and societal benefits of the MBMF related to sustainable management of such landscapes
- To utilize effective communication to position the MBMF as a provincial, national and international leader in partnership building and the development of innovative solutions to sustainable landscape management
- To utilize effective communication to support program fundraising
- To share our experiences, successes and landscape management solutions nationally and internationally by supporting the communications efforts of the Canadian Model Forest Network and the International Model Forest Network
- To network broadly across the nation so as to more fully utilize the pool of expertise available in Canada in developing and implementing projects

Activities specific to the 2007-08 work plan period include:

- Update of the MBMF display
- Production of the MBMF annual report
- Production of one issue of the MBMF Newsletter “For All Our Relations”
- Re-design and updating of the MBMF website. Posting of new MBMF reports in pdf format to the website
- Completion of digitizing all previous MBMF project reports and creation of a digital report database

<b>Budget:</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>-</b>	<b>\$20,000</b>
<b>Outputs:</b>			
<ul style="list-style-type: none"> <li>▪ Updated display</li> <li>▪ MBMF annual report</li> <li>▪ For All Our Relations newsletter</li> <li>▪ Updated and re-designed website</li> <li>▪ Digital library of MBMF publications</li> </ul>			
<b>Other Project Partners:</b> None			

<b>Project Title:</b> Communicatons Support <b>Project Number:</b> 07-6-01 <b>Theme Area:</b> Communications and Outreach <b>Project Leader:</b> Brian Kotak, General Manager of MBMF <b>Project Status:</b> On-going, Year 1 of 5	2007-08
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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 specific to the 2007-08 work plan period include:

- Financial support of the MBMF-Sustainable Forest Management Network (SFMN) Landscape Design conference (to be held in Winnipeg)
- Hosting a tour of the MBMF Experimental Harvest Area (caribou management zone) for the Canadian Model Forest network meeting in February, 2008.
- Periodic financial support of project members (e.g., Board members, project members) to attend conferences and workshops on behalf of the organization
- Production of additional copies of “Shadows of the Forest” DVD (MBMF video on woodland caribou)
- Production of copies of Brokenhead Wetlands DVD (newly created protected area in MBMF area, supported by Brokenhead Ojibway Nation, a MBMF partner)
- Support for communication activities with the Canadian Model Forest Network and the International Model Forest Network
- Creation of promotional materials for hand-out at various venues (schools, workshops, conferences, etc)

**Budget:**

Funding Partner	Cash	In-kind	Total
NRCan-CFS (core funding)	\$10,000	-	\$10,000
MBMF	\$5,000	-	\$5,000
<b>Total</b>	<b>\$15,000</b>	-	<b>\$5,000</b>

**Outputs:**

- Hosting of the MBMF-SFMN Landscape Design conference
- Hosting of forest tours
- Presence/attendance of MBMF partners at conferences and workshops
- Shadows for the Forest DVD
- Brokenhead Wetlands DVD
- Involvement in Canadian Model Forest Network and International Model Forest Network communications
- Various promotional materials

**Other Project Partners:** None

## 4.0 Finances

Financial summaries are provided below for two time periods. Table 4.1 provides a summary of planned program expenditures by Theme Area and project, based on funding from the Forest Communities Program (NRCan-CFS) and from other MNMF partners. Table 4.2 provides a five year budget forecast of proposed NRCan-CFS funding expenditures by Theme Area only. In future annual work plans, this table will also show projected versus actual expenditures.

Note that a quarterly cash flow forecast table has not been included in this first six month work plan, as all NRCan-CFS funding will be received in the fourth quarter (Jan-Mar/08). Future annual work plans will contain a quarterly budget forecast.

Table 4.1 Program expenditures and in-kind estimates during the period of October, 2007 to March, 2008 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	\$55,690	-	-	\$55,690
Supplies and Services	\$21,500	-	\$12,500	\$34,000
Staff Travel	\$6,000	-	-	\$6,000
Board Travel and Support	\$7,000	\$1,000	\$32,000	\$40,000
<b>Subtotal</b>	<b>\$90,190</b>	<b>\$1,000</b>	<b>\$44,500</b>	<b>\$135,690</b>
<b>Integrated Landscape Management</b>				
Working Group Support	\$2,500	-	\$3,800	\$6,300
Caribou Management	\$10,000	\$109,300	\$136,250	\$255,550
Natural Disturbance Regime	-	\$65,000	\$24,000	\$89,000
Brokenhead River Water Quality	-	\$8,200	\$17,300	\$25,500
Watershed Management Tools	-	\$45,000	\$15,750	\$60,750
Terrestrial Bio-monitoring	-	\$70,000	\$26,500	\$96,500
Species of Special Interest	-	\$5,000	-	\$5,000
<b>Subtotal</b>	<b>\$12,500</b>	<b>\$302,500</b>	<b>\$223,850</b>	<b>\$538,600</b>
<b>Education</b>				
Working Group Support	\$1,500	-	\$8,700	\$10,200
Winnipeg River Learning Centre	-	\$25,000	\$102,000	\$127,000
Junior Rangers	\$5,000	\$12,500	\$9,500	\$27,000
Curriculum	\$5,000	\$15,000	\$7,000	\$27,000
Woodlot Education	\$2,500	-	\$3,300	\$5,800
Education for Sustainable Development	\$2,500	\$15,000	\$15,000	\$32,500
<b>Subtotal</b>	<b>\$16,500</b>	<b>\$67,500</b>	<b>\$145,500</b>	<b>\$229,500</b>

Theme Area and Project	NRCan-CFS (FCP Funds)	Partner/Other		Total
		Cash	In-kind	
<b>Forest Community Engagement</b>	Cash	Cash	In-kind	Total
Working Group Support	\$2,500	-	\$11,000	\$13,500
Moose Management	\$2,310	\$5,000	\$22,000	\$29,310
Program Initiation in Western Manitoba	-	\$12,500	\$20,000	\$32,500
Traditional Area Advisory Committees	\$5,000	\$20,000	\$17,000	\$42,000
First Nation Land Use Planning	-	\$5,000	\$5,000	\$10,000
Trapper Involvement	-	\$2,500	\$33,000	\$35,500
Non-timber Forest Products	\$1,000	\$9,000	\$12,000	\$22,000
<b>Subtotal</b>	<b>\$10,810</b>	<b>\$54,000</b>	<b>\$120,000</b>	<b>\$184,810</b>
<b>International Programs</b>				
Costa Rica-Reventazon MF	\$15,000		\$30,000	\$45,000
<b>Subtotal</b>	<b>\$15,000</b>		<b>\$30,000</b>	<b>\$45,000</b>
<b>Communications and Networking</b>				
Communications Strategy Implementation	\$20,000	-	-	\$20,000
Communications Support	\$10,000	\$5,000	-	\$15,000
<b>Subtotal</b>	<b>\$30,000</b>	<b>\$5,000</b>	<b>-</b>	<b>\$35,000</b>
<b>Grand Total</b>	<b>\$175,000</b>	<b>\$430,000</b>	<b>\$563,850</b>	<b>\$1,168,850</b>

Table 4.2 Five Year Projection of Forest Community Program (NRCan-CFS) Funding Expenditures

Theme Area and Project	2007/08	2008/09	2009/10	2010/11	2011/12	Total
Administration	\$90,190	\$168,160	\$160,000	\$155,000	\$129,000	\$702,350
Integrated Landscape Management	\$12,500	\$55,920	\$60,000	\$62,500	\$75,500	\$266,420
Education	\$16,500	\$27,960	\$30,000	\$31,250	\$37,750	\$143,460
Forest Community Engagement	\$10,810	\$27,960	\$30,000	\$31,250	\$37,750	\$137,770
International Programs	\$15,000	\$15,000	\$15,000	\$15,000	\$15,000	\$75,000
Communications and Networking	\$30,000	\$30,000	\$30,000	\$30,000	\$30,000	\$150,000
<b>Total</b>	<b>\$175,000</b>	<b>\$325,000</b>	<b>\$325,000</b>	<b>\$325,000</b>	<b>\$325,000</b>	<b>\$1475,000</b>

## 5.0 Other

